



PFT MACHINE AND EQUIPMENT CATALOGUE

Five reasons why you should choose PFT

Expression of professionalism

At first glance, how do people notice that experts are working on a construction site? From the orange-coloured PFT machines. Professionals have been trusting PFT plaster technology like G 4 for more than 50 years. The original is a symbol for the entire sector for a long time – for the strict requirements and the reliable feeling of achieving the best.

1.

Lifelong partnership

PFT machines are sustainable investments. The mixing or conveying pumps are often used for decades and can still be resold as popular classics. This is because every professional wants one. The supply of spare parts and service promise virtually endless performance.

2.

Reliable functionality

Every individual PFT machine is designed and manufactured such that it is exceptionally robust and stable. As a result, it fulfils the highest requirements and ensures reliable and fault-free usage on construction sites. Day after day. Year after year. Professionals appreciate the unique production quality and gladly rely on this safety.

3.

Exceptional results

The passionate intention to provide exceptional performance is an inherent feature of each PFT machine – be it manufacturing, consultation, service or usage on construction sites. Equal focus is given on the quality and profitability while designing: as a result, processors can impress their clients and start every new project with joyful anticipation.

4.

Developed and made in Germany

PFT engineers know exactly what is important and work in close cooperation with the users during the new and further development phases. This results in optimum and practical-oriented solutions. Manufacturing takes place in Germany as per scrupulous, precise and strict regulations. These higher requirements ensure long-term quality and form the basis for utmost trust in PFT.

5.



01 Pneumatic conveying unit

Conveying unit

02.1 Mixing pumps G 4

G 4

02.2 Mixing pumps RITMO

RITMO

02.3 Mixing pumps BOLERO

BOLERO

03 Continuous mixers

LOTUS | HM

04 Batch mixers

MULTIMIX

05.1 Conveying pumps SWING

SWING

05.2 Conveying pumps ZP 3

ZP 3

06 Rotor/Stator systems

Rotor/Stator

07 Accessories

Accessories

08 Tools

Tools

09 Spare parts

Spare parts

10 Information

Information



PNEUMATIC CONVEYING UNITS

- SILOMAT trailer
- ■ SILOMAT trans plus
- ■ SILOMAT trans plus bag
- SILOMAT DF Q
- SILOJET
- ■ SILOMAT XXL-D
- EUMAX



Description	SILOMAT trailer 105/145 400 V, 3 Ph, 50 Hz	SILOMAT trans plus 105/145 400 V, 3 Ph, 50 Hz
Part no. (mounted on trailer)	20 56 08 05 / 20 56 08 06	
Part no. (rollable)		00 12 43 66 / 00 12 43 58
Part no. (portable)		00 12 43 65 ¹⁾ / 00 68 95 24
		
Application focus	Gravity-flow silos Ø 250 mm	Gravity-flow silos Ø 250 mm
Strengths and benefits	<ul style="list-style-type: none"> • Transport with car trailer • Fluidiser membrane • Manually controllable bypass 	<ul style="list-style-type: none"> • Fluidiser membrane • Manually controllable bypass
Basic equipment		
Power connection	400 V, 3 Ph, 50 Hz, 5.5 kW (105) 400 V, 3 Ph, 50 Hz, 7.5 kW (145)	400 V, 3 Ph, 50 Hz, 5.5 kW (105) 400 V, 3 Ph, 50 Hz, 7.5 kW (145)
Fuse protection	32 A Construction site distributor with 30 mA earth leakage circuit breaker required	32 A Construction site distributor with 30 mA earth leakage circuit breaker required
Connection cable (not included in the scope of delivery)	5 x 4 mm ² – RED 5-32 A	5 x 4 mm ² – RED 5-32 A
Compressor: Power	5.5/7.5 kW	5.5/7.5 kW
Max. pressure	2.5 bar	2.5 bar
Air volume	105/145 Nm ³ /h	105/145 Nm ³ /h
Dimensions		
Capacity of conveying pot/block	55 litres	55 litres
Length/Width/Height	2,320/1,530/1,230 mm	1,100/635/720 mm
Height of conveying pot	980 mm	980 mm
Weight of conveying pot	87 kg	87 ¹⁾ kg
Weight of rotary compressor including support element	323 kg	188 ¹⁾ kg
Total weight	410 kg	275 ¹⁾ kg
Performance data		
Conveying distance*	100/140 m	100/140 m
Conveying output*	20 kg/min	20 kg/min

For more information, see page

01_11

01_12

* Reference value, determined under ideal conditions. Conveying distance depends on the used materials.

¹⁾ The specifications relate to part number with ¹⁾

SILOMAT trans plus bag 145 **400 V, 3 Ph, 50 Hz**

00 68 95 27



Construction sites without silo space

- Simple transport of large quantities of material without silo
- Fluidiser membrane

400 V, 3 Ph, 50 Hz, 7.5 kW



32 A
Construction site distributor with 30 mA earth leakage circuit breaker required

5 x 4 mm² – RED 5-32 A

7.5 kW



2.5 bar

145 Nm³/h

60 litres

1,100/635/720 mm

980 mm

92 kg

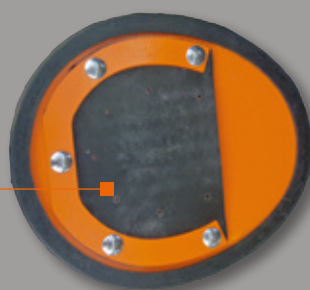
202 kg

294 kg

140 m

20 kg/min

01_13








Fluidiser membrane

(Part no. 00 49 50 97)

- Maintenance-free
- Resistant to humidity
- Retrofittable
- Increase in performance of up to 30 %



Description	SILOMAT trailer DF Q 105 400 V, 3 Ph, 50 Hz	SILOMAT trans plus DF Q 105/145 400 V, 3 Ph, 50 Hz
Part no. (mounted on trailer)	00 10 68 00	
Part no. (rollable)		00 12 43 68 / 00 12 78 38
Part no. (portable)		00 12 43 67 ¹⁾ / 00 12 48 64
		
Application focus	Pressure silos with B-coupling (Ø 75 mm)	Pressure silos with B-coupling (Ø 75 mm)
Strengths and benefits	<ul style="list-style-type: none"> • Transport with car trailer • Higher performance • Easy handling • Conveying block – portable 	<ul style="list-style-type: none"> • Conveying block – portable • Higher performance • Easy handling
Basic equipment		
Power connection	400 V, 3 Ph, 50 Hz, 5.5 kW 	400 V, 3 Ph, 50 Hz, 5.5 kW (105)  400 V, 3 Ph, 50 Hz, 7.5 kW (145)
Fuse protection	32 A Construction site distributor with 30 mA earth leakage circuit breaker required	32 A Construction site distributor with 30 mA earth leakage circuit breaker required
Connection cable (not included in the scope of delivery)	5 x 4 mm ² – RED 5-32 A 	5 x 4 mm ² – RED 5-32 A 
Compressor: Power	5.5 kW	5.5/7.5 kW
Max. pressure	2.0 bar	2.0/2.5 bar
Air volume	105 Nm ³ /h	105/145 Nm ³ /h
Dimensions		
Capacity of conveying pot/block	–	–
Length/Width/Height	2,320/1,530/1,230 mm	1,100/635/720 mm
Height of conveying pot	–	–
Weight of conveying pot	27.5 kg	27.5 ¹⁾ kg
Weight of rotary compressor including support element	308 kg	182.5 ¹⁾ kg
Total weight	336 kg	210 ¹⁾ kg
Performance data		
Conveying distance*	100 m	100/140 m
Conveying output*	24 kg/min	24 kg/min

For more information, see page

01_14

01_14

* Reference value, determined under ideal conditions. Conveying distance depends on the used materials.

¹⁾ The specifications relate to part number with ¹⁾

SILOMAT trans plus DF Q 105
400 V, 3 Ph, 50 Hz

00 12 88 69



Pressure silos with B-coupling (Ø 75 mm)

- Automatic silo inflation system – after the (conveying) material passes, the silo is automatically subjected to over-pressure
- Higher performance

400 V, 3 Ph, 50 Hz, 5.5 kW



32 A

Construction site distributor with 30 mA earth leakage circuit breaker required

5 x 4 mm² – RED 5-32 A

5.5 kW

2.0 bar

105 Nm³/h

–

1,100/635/720 mm

–

27.5 kg

186 kg

213.5 kg

100 m

24 kg/min

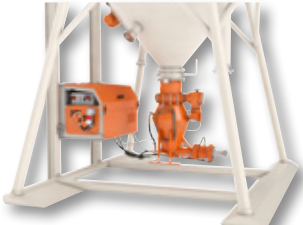





PFT *praktive* tip
SILOMAT trailer


- Mobile gravity-flow conveying system.
- Conveys dry mortar to either the screw mixer or the mixing pump in a fully automatic and dust-free manner.
- The trailer is considered to be a work machine, so it is exempted from motor vehicle tax in Germany.

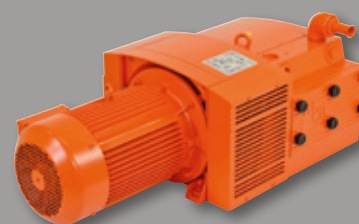


Description	SILOJET 145 400 V, 3 Ph, 50 Hz	SILOJET 145 BDS ²⁾ 400 V, 3 Ph, 50 Hz
Part no. (mounted on trailer)		
Part no. (rollable)		
Part no. (portable)		
Part no. (for installation on the silo)	00 10 54 07	00 12 23 52
		
Application focus	Gravity-flow silos Ø 250 mm	Gravity-flow silos Ø 250 mm
Strengths and benefits	<ul style="list-style-type: none"> • Fluidiser membrane • For installation on the silo • Manually controllable bypass • Reinforced silo connection 	<ul style="list-style-type: none"> • BDS ²⁾ (ventilation system) loosens the material in the silo • Improves the conveying pot's filling procedure • Fluidiser membrane • For installation on the silo • Manually controllable bypass • Reinforced silo connection
Basic equipment		
Power connection	400 V, 3 Ph, 50 Hz, 7.5 kW 	400 V, 3 Ph, 50 Hz, 7.5 kW 
Fuse protection	32 A Construction site distributor with 30 mA earth leakage circuit breaker required	32 A Construction site distributor with 30 mA earth leakage circuit breaker required
Connection cable (not included in the scope of delivery)	5 x 4 mm ² – RED 5-32 A	5 x 4 mm ² – RED 5-32 A
Compressor: Power	7.5 kW 	7.5 kW 
Max. pressure	2.5 bar	2.5 bar
Air volume	145 Nm ³ /h	145 Nm ³ /h
Dimensions		
Capacity of conveying pot/block	55 litres	55 litres
Length/Width/Height	1,280/600/780 mm	1,280/600/780 mm
Height of conveying pot	980 mm	980 mm
Weight of conveying pot	86 kg	86 kg
Weight of rotary compressor including support element	130 kg	130 kg
Total weight	344 kg	344 kg
Performance data		
Conveying distance*	140 m	140 m
Conveying output*	20 kg/min	20 kg/min
For more information, see page	01_15	01_15

* Reference value, determined under ideal conditions. Conveying distance depends on the used materials.







SILOJET XXL 145 400 V, 3 Ph, 50 Hz	SILOMAT XXL-D 400 V, 3 Ph, 50 Hz
00 25 55 74	00 60 67 58
	
Construction sites with long conveying distances	Gravity-flow silos Ø 250 mm
<ul style="list-style-type: none"> • Fluidiser membrane • For installation on the silo • Higher performance • Longer conveying distance • Fully automatic bypass 	<ul style="list-style-type: none"> • For coarse and stiff material • Integrated anti-plugger control system
400 V, 3 Ph, 50 Hz, 7.5 kW 	400 V, 3 Ph, 50 Hz, 7.5 kW 
32 A Construction site distributor with 30 mA earth leakage circuit breaker required	32 A Construction site distributor with 30 mA earth leakage circuit breaker required
5 x 4 mm ² – RED 5-32 A	5 x 4 mm ² – RED 5-32 A
7.5 kW 	7.5 kW 
2.8 bar	2.8 bar
145 Nm ³ /h	120 Nm ³ /h
55 litres	65 litres
1,280/600/780 mm	1,200/630/720 mm
980 mm	1,000 mm
101 kg	135 kg
255 kg	230 kg
356 kg	365 kg
200 m	50 m
24 kg/min	24 kg/min
01_15	01_16

**The best
in the long run**
The rotary compressor

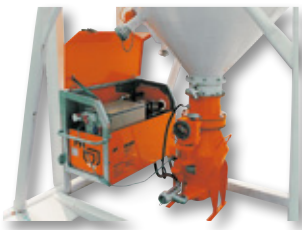
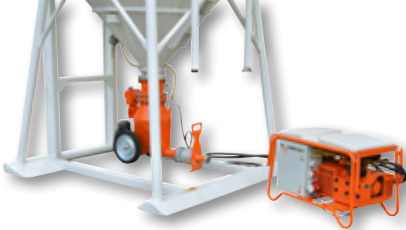






- Improved shaft seal
- Optimisation of the volume flow rate (13-18 % more volume)
- Reduced power consumption at the operating point
- Improvement of the efficiency factor and therefore lower power requirement
- Improved heat dissipation at the bearing cap
- Optimisation of the internal air guide
- Switchover of the drive motor to IE3



Description	SILOMAT trans plus 120 230 V, 3 Ph, 60 Hz	SILOMAT trans plus bag 120 400 V, 3 Ph, 60 Hz
Part no. (mounted on trailer)		
Part no. (rollable)		
Part no. (portable)	00 26 23 46	00 21 20 07
Part no. (for installation on the silo)		
		
Application focus	Gravity-flow silos Ø 250 mm	Construction sites without silo space
Strengths and benefits	<ul style="list-style-type: none"> Fluidiser membrane Manually controllable bypass 	<ul style="list-style-type: none"> Simple transport of large quantities of material without silo Fluidiser membrane
Basic equipment		
Power connection	230 V, 3 Ph, 60 Hz, 6.6 kW 	400 V, 3 Ph, 60 Hz, 9.0 kW 
Fuse protection	32 A Construction site distributor with 30 mA earth leakage circuit breaker required	32 A Construction site distributor with 30 mA earth leakage circuit breaker required
Connection cable (not included in the scope of delivery)	5 x 4 mm ² – BLU 5-32 A	5 x 4 mm ² – RED 5-32 A
Compressor: Power	6.6 kW 	9.0 kW 
Max. pressure	2.5 bar	2.5 bar
Air volume	120 Nm ³ /h	120 Nm ³ /h
Dimensions		
Capacity of conveying pot/block	55 litres	60 litres
Length/Width/Height	1,100/635/720 mm	1,100/635/720 mm
Height of conveying pot	980 mm	980 mm
Weight of conveying pot	87 kg	87 kg
Weight of rotary compressor including support element	184 kg	203 kg
Total weight	271 kg	290 kg
Performance data		
Conveying distance*	120 m	120 m
Conveying output*	20 kg/min	20 kg/min

* Reference value, determined under ideal conditions. Conveying distance depends on the used materials.

SILOJET XXL 120 400 V, 3 Ph, 60 Hz	SILOMAT XXL-D 400 V, 3 Ph, 60 Hz
00 44 96 30	00 60 37 07
	
Gravity-flow silos Ø 250 mm	Gravity-flow silos Ø 250 mm
<ul style="list-style-type: none"> • For installation on the silo • Higher performance • Longer conveying distance • Fully automatic bypass 	<ul style="list-style-type: none"> • For coarse and stiff material • Integrated anti-plugger control system
400 V, 3 Ph, 60 Hz, 9.0 kW 	400 V, 3 Ph, 60 Hz, 9.0 kW 
32 A Construction site distributor with 30 mA earth leakage circuit breaker required	32 A Construction site distributor with 30 mA earth leakage circuit breaker required
5 x 4 mm ² – RED 5-32 A	5 x 4 mm ² – RED 5-32 A
9.0 kW 	9.0 kW 
2.8 bar	2.8 bar
120 Nm ³ /h	144 Nm ³ /h
55 litres	65 litres
1,280/600/780 mm	1,200/630/720 mm
980 mm	1,000 mm
101 kg	135 kg
255 kg	230 kg
356 kg	365 kg
200 m	50 m
24 kg/min	24 kg/min

SILOMAT trailer (for gravity-flow silo)



Part no.	Description
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20 56 08 05	SILOMAT trailer 105 400 V, 3 Ph, 50 Hz, 5.5 kW
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20 56 08 06	SILOMAT trailer 145 400 V, 3 Ph, 50 Hz, 7.5 kW
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Basic equipment

Conveying pot – rollable

- Suitable for container/silo outlet flange Ø 250 mm
- Capacity: 55 litres / Weight: 87 kg / Height: 980 mm
- Shut-off valve with actuator and hand wheel
- Easily replaceable gaskets
- Fluidiser membrane
Increases and secures the material flow, the pot is emptied almost completely
- Bypass
Manually controllable for stiff material and longer conveying distances
Note: Influences the conveying output
- Transport rollers for easy handling



SILOMAT trailer 105/145

Rotary compressor on single-axle chassis

- 5.5/7.5 kW rotary compressor
Air volume: 105/145 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well
- Single-axle chassis, non-braked with car trailer coupling and 13-pin connecting plug



Part no.	Description
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20 56 06 11	EUMAX conveying pot – portable
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- Conveying pot with separate control unit for the operating air connection
(minimum air requirement 145 Nm³/h – maximum pressure 2 bar)
- Suitable for container/silo outlet flange Ø 250 mm
- Capacity: 55 litres / Weight: 87 kg / Height: 980 mm
- Shut-off valve with actuator and hand wheel
- Easily replaceable gaskets
- Fluidiser membrane
Increases and secures the material flow, the pot is emptied almost completely
- Bypass
Manually controllable for stiff material and longer conveying distances
Note: Influences the conveying output



EUMAX



SILOMAT trans plus



Part no.	Description
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00 12 43 65	SILOMAT trans plus 105 – portable 400 V, 3 Ph, 50 Hz, 5.5 kW
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00 68 95 24	SILOMAT trans plus 145 – portable 400 V, 3 Ph, 50 Hz, 7.5 kW
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00 12 43 66	SILOMAT trans plus 105 – rollable 400 V, 3 Ph, 50 Hz, 5.5 kW
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00 12 43 58	SILOMAT trans plus 145 – rollable 400 V, 3 Ph, 50 Hz, 7.5 kW
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SILOMAT trans plus 105/145
(portable)



SILOMAT trans plus 105/145
(rollable)

Basic equipment

Conveying pot – rollable

- Suitable for container/silo outlet flange Ø 250 mm
- Capacity: 55 litres / Weight: 87 kg / Height: 980 mm
- Shut-off valve with actuator and hand wheel
- Easily replaceable gaskets
- Fluidiser membrane
Increases and secures the material flow, the pot is emptied almost completely
- Bypass
Manually controllable for stiff material and longer conveying distances
Note: Influences the conveying output
- Transport rollers for easy handling

Rotary compressor – supporting frame



- 5.5/7.5 kW rotary compressor
Air volume: 105/145 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well
- Crane transport eyes and fold-out carrying handles
- Transport rollers for easy handling

Note: Only included for the "rollable" version

Part no.	Extras
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00 12 95 92	Conversion kit – portable to rollable
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- Air-filled rollers for easy handling at the construction site



SILOMAT trans plus bag



Part no. **Description**

00 68 95 27 **SILOMAT trans plus bag 145 – portable**
400 V, 3 Ph, 50 Hz, 7.5 kW



Basic equipment

Conveying pot – rollable

- Ergonomic filling height of 950 mm
- Loading with bagged cargo
- Capacity: 60 litres / Weight: 92 kg / Height: 980 mm
- Shut-off valve with actuator and hand wheel
- Easily replaceable gaskets
- Fluidiser membrane
Increases and secures the material flow, the pot is emptied almost completely
- Transport rollers for easy handling
- Lateral de-aeration in the pot – speeds up and secures the filling procedure, no air cushion formation in the pot

Rotary compressor – supporting frame



- 7.5 kW rotary compressor
Air volume: 145 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well
- Crane transport eyes and fold-out carrying handles



SILOMAT trans plus bag 145
(portable)

Part no. **Extras**

00 12 95 92 **Conversion kit – portable to rollable**

- Air-filled rollers for easy handling at the construction site

00 19 50 80 **Conversion kit for conveying pot to silo operation**

- Intermediate piece for silo connection Ø 250 mm for conveying pot



SILOMAT DF Q (for pressure silo)



Part no. **Description**

- | | | |
|--------------------|---|--|
| 00 10 68 00 | SILOMAT trailer DF Q 105
400 V, 3 Ph, 50 Hz, 5.5 kW | |
| 00 12 43 67 | SILOMAT trans plus DF Q 105 – portable
400 V, 3 Ph, 50 Hz, 5.5 kW | |
| 00 12 48 64 | SILOMAT trans plus DF Q 145 – portable
400 V, 3 Ph, 50 Hz, 7.5 kW | |
| 00 12 43 68 | SILOMAT trans plus DF Q 105 – rollable
400 V, 3 Ph, 50 Hz, 5.5 kW | |
| 00 12 78 38 | SILOMAT trans plus DF Q 145 – rollable
400 V, 3 Ph, 50 Hz, 7.5 kW | |



SILOMAT trailer DF Q 105

Basic equipment

Conveying block (pressure silo)

- Integrated compressor for squeeze valve
- Portable – easy handling



SILOMAT trans plus DF Q 105/145
(portable)

Rotary compressor on single-axle chassis

Note: Only for "SILOMAT trailer DF Q 105" version



- 5.5/7.5 kW rotary compressor
Air volume: 105/145 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well
- Single-axle chassis, non-braked with car trailer coupling and 13-pin connecting plug



SILOMAT trans plus DF Q 105/145
(rollable)

Rotary compressor – supporting frame



- 5.5/7.5 kW rotary compressor
Air volume: 105/145 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well
- Crane transport eyes and fold-out carrying handles
- Transport rollers for easy handling

Note: Only included for the "rollable" version

Part no. **Extras**

- | | |
|--------------------|---|
| 00 12 95 92 | Conversion kit – portable to rollable |
| | • Air-filled rollers for easy handling at the construction site |

SILOJET | SILOJET XXL (for silo installation)

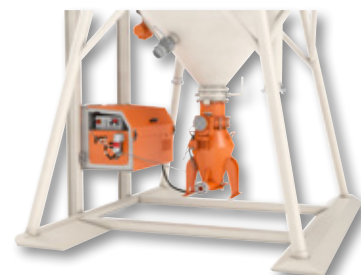


Part no.	Description
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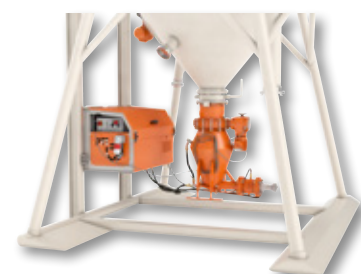
00 10 54 07	SILOJET 145 ¹⁾ 400 V, 3 Ph, 50 Hz, 7.5 kW
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00 12 23 52	SILOJET 145 with BDS ²⁾ 400 V, 3 Ph, 50 Hz, 7.5 kW
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00 25 55 74	SILOJET XXL 145 400 V, 3 Ph, 50 Hz, 7.5 kW
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SILOJET 145



SILOJET XXL 145

Basic equipment

Conveying pot – portable

- Suitable for container/silo outlet flange Ø 250 mm
- Capacity: 55 litres / Weight: 86 kg¹⁾ / Height: 980 mm
- Shut-off valve with actuator and hand wheel
- Easily replaceable gaskets
- Fluidiser membrane
Increases and secures the material flow, the pot is emptied almost completely
- Reinforced silo connection prevents transport damage
- Bypass
Manually controllable for stiff material and longer conveying distances
Note: Influences the conveying output
Only for "SILOJET 145" and "SILOJET 145 with BDS ²⁾"
- Fully automatic bypass
Makes it possible to fill the conveying pot during the conveying procedure
Note: Only for "SILOJET XXL 145" version
- Anti-plugger control system
Constant monitoring of conveying pressure
Note: Only for "SILOJET XXL 145" version
- BDS ²⁾ (ventilation system) loosens the material in the silo and improves the conveying pot's filling procedure
Note: Only for "SILOJET 145 with BDS ²⁾" version

Rotary compressor for silo installation

- 7.5 kW rotary compressor
Air volume: 145 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well
- Sheet metal covering, prevents contamination



SILOMAT XXL-D (for silo installation)



Part no. Description

00 60 67 58 **SILOMAT XXL-D**
400 V, 3 Ph, 50 Hz, 7.5 kW



Basic equipment

Conveying pot – portable

- Suitable for container/silo outlet flange Ø 250 mm
- Particularly well-suited for materials that are difficult to convey
- Capacity: 65 litres / Weight: 102 kg / Height: 1,000 mm
- Shut-off valve with actuator and hand wheel
- Fully automatic bypass
Makes it possible to fill the conveying pot during the conveying procedure
- Dosing shaft for constant dosing of the ready-mix dry mortar in the air current
- Anti-plugger control system
Constant monitoring of conveying pressure
- Large wheels for simple handling at the construction site and silo installation
- Control box for simple controlling and operations



SILOMAT XXL-D

Rotary compressor for silo installation




- 7.5 kW rotary compressor
Air volume: 120 Nm³/h
- Operation-hour counter
- Oil-free compressor, no oil change required
- High machine running times with high level of operating safety
- Simple replacement of wear parts – on-site as well



Accessories – Start-up

Part no.	Description
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m
	<i>More information: Page 07_33</i>
00 47 34 24	Conveying hose - initial equipment – 73,3 m consisting of: <ul style="list-style-type: none"> • 1 x Rubber conveying hose RONDO air 3-layer DN45 – 13,3 m • 3 x Rubber conveying hose RONDO air 3-layer DN45 – 20 m • Hose holder with hook
20 65 05 00	Conveying hose - initial equipment – 75 m consisting of: <ul style="list-style-type: none"> • 3 x Fabric conveying hose (PVC) DN46 – 25 m • Hose holder with hook
00 46 42 32	Rubber conveying hose RONDO air 3-layer DN45 – 13.3 m, coupling C50
00 46 42 33	Rubber conveying hose RONDO air 3-layer DN45 – 20 m, coupling C50
20 65 28 00	Fabric conveying hose (PVC) DN46 – 12.5 m C-coupling
20 65 29 00	Fabric conveying hose (PVC) DN46 – 25 m C-coupling
	<i>More information: Page 07_32</i>

Extras

Part no.	Description
00 12 86 06	External vibrator A10-2.67 – 8 m, 400 V, 3 Ph, 50 Hz 
	<i>More information: Page 07_05</i>
20 65 40 00	Hose holder with hook
20 70 66 00	Twin adapter 330/330 for connection of 2 SILOMAT conveying pot's
	<i>Note: Intermediate piece required</i>
20 71 60 00	Filling hopper for bagged cargo
	<i>Note: Not suitable for "SILOMAT trans plus bag"</i>
00 42 06 64	Injection hood, foldable for G 4, RITMO XL
	<i>More information: Page 07_26</i>
00 45 34 69	Extension hopper – 142 litres for G 4 for maximum utilisation
	<i>More information: Page 07_25</i>
00 20 12 67	Cover for conveying pot for SILOMAT trans plus bag
00 00 18 99	Adapter plug for trailer coupling, from 7-pin to 13-pin for SILOMAT trailer

Spare parts

Part no. Description

Conveying pot

00 17 38 26	Protection grille for hopper of SILOMAT bag
00 08 90 78	Closing flap Ø 250 mm without actuator, gasket can be changed
00 10 26 58	Gasket for replaceable closing flap Ø 250 mm
20 70 63 00	Gasket for silo connection Ø 330 x 260 x 4 mm
00 46 23 21	Fluidiser emulsifier rubber
00 46 23 27	Fluidiser clamping plate
00 46 23 32	Fluidiser emulsifier plate
20 56 60 40	Fluidiser bezel gasket
00 17 38 09	Fluidiser emulsifier rubber – SILOMAT bag
00 17 38 10	Fluidiser clamping plate – SILOMAT bag
20 56 18 00	Hand valve for actuator
20 56 19 01	Transparent cover for actuator Ø 143 mm for type 6
20 56 19 00	Transparent cover for actuator Ø 135 mm for type 5
20 56 12 02	Actuator for closing flap
20 65 09 00	Rubber conveying hose DN32 – 7.5 m, coupling C50
<i>Note: Supply line from SILOMAT rotary compressor to conveying pot</i>	

Single-axle chassis

20 57 65 01	Gas pressure absorber (300 N) for hood cover at rotary compressor on SILOMAT trailer
20 57 65 00	Gas pressure absorber (400 N) for hood cover at rotary compressor on SILOMAT trailer
20 57 60 04	Fibre glass reinforced mudguard for SILOMAT trailer
00 01 20 60	Glass for tail lights for SILOMAT trailer
20 57 39 04	Light for number plate for SILOMAT trailer
20 57 37 00	Rear fog lamp for SILOMAT trailer
20 57 39 03	Tail light for SILOMAT trailer
20 57 69 02	Hinge clamp for fibre glass reinforced hood for SILOMAT trailer

Rotary compressor

20 56 31 01	Synthetic SILOMAT oil - 5 litres – compressor DP 2.100/2.140	
20 56 26 00	Filter cartridge C 11 12/2 – compressor DP 140	
20 56 46 10	Filter cartridge C 1826 – compressor DP 2.100/2.140	
00 11 18 53	Polyester filter cartridge – compressor KDT 3.100/105/120/140/145	
00 09 06 34	Pre-filter filter cartridge – compressor KDT 3.100/105/120/140/145	
00 11 25 37	Rotor slider – compressor KDT 3.140	pack = 7
00 10 32 38	Rotor slider – compressor KDT 3.100/105/120/145	pack = 7
00 12 91 75	Heavy-duty rotor slider – compressor KDT 3.140	pack = 7
00 43 12 06	Heavy-duty rotor slider – compressor KDT 3.100/105/120/145	pack = 7
00 68 42 14	Rotary compressor KDT 3.145, 50/60 Hz, 7.5/9.0 kW without filter	
00 67 05 17	Rotary compressor KDT 3.105, 50/60 Hz, 5.5/6.6 kW	
00 00 13 84	Coupling disc for SILOMAT	
00 09 50 35	Coupling key Storz B-C with recess	

All of the relevant information can be found in your operating manual or the spare part list of the respective PFT product.



MIXING PUMPS

Gseries

■	■	G 4 smart
■	■	G 4
■	■	G 4 FC-230V
■	■	G 4 FC-230/400V
■		G 4 super
■	■	G 4 XL



PFT machines are designed and adapted for a variety of applications. It's crystal clear – use the PFT rating stars for a superior overview. The more stars, the better this PFT solution is suited to the respective material.

Dry mortar (sacks or bulk)			G 4 smart	G 4
More information on the equipment can be found in the respective machine.				
Gypsum plasters		Gypsum / Gypsum-lime plaster	★ ★ ★ ★	★ ★ ★ ★
Basic plasters	< 3 mm	Light plaster	★ ★ ★ ★	★ ★ ★ ★
		Lime-cement render	★ ★ ★ ★	★ ★ ★ ★
		Insulating plaster	★ ★ ★ ★	★ ★ ★ ★
	> 3 mm	Lime-cement render	★ ★ ★ ★	★ ★ ★ ★
		Scratch coat	★ ★ ★ ★	★ ★ ★ ★
Adhesive/Reinforcing mortar, mineral-based		Adhesive mortar	★ ★ ★ ★	★ ★ ★ ★
		Reinforcement mortar	★ ★ ★ ★	★ ★ ★ ★
Grouting mortar		Grouting mortar	★ ★ ★ ★	★ ★ ★ ★
Finishing coat	< 3 mm	mineral-based	★ ★ ★ ★	★ ★ ★ ★
		pasty		
Fine filler		mineral-based		
		pasty		
Loam plaster		dry	★ ★ ★ ★	★ ★ ★ ★
		earth-moist		
Masonry mortar		Masonry mortar		★ ★ ★ ★
Fire retardant grout		Fire protection mortar	★ ★ ★ ★	★ ★ ★ ★
Floor application		Floor screed 35 l	★ ★ ★ ★	★ ★ ★ ★
		Floor screed 60 l		★ ★ ★ ★
		Floor screed 85 l		★ ★ ★ ★
		Thin screed	★ ★ ★ ★	★ ★ ★ ★
		Floor fillers	★ ★ ★ ★	★ ★ ★ ★



G 4 FC-230V	G 4 FC-230/400V (230 V)	G 4 FC-230/400V (400 V)	G 4 super	G 4 XL
★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
		★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
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★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
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			★ ★ ★ ★	★ ★ ★ ★
★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★



Description		G 4 smart 400 V, 3 Ph, 50 Hz	G 4 smart 400 V, 3 Ph, 50 Hz
Part no. with pressure booster pump		00 40 36 28	00 25 73 59 ¹⁾
Part no. without pressure booster pump			00 26 06 22
Application focus		Mixing pump for plastering/ rendering	Mixing pump for plastering/ rendering
Strengths and benefits		<ul style="list-style-type: none"> Control voltage 42 volts Reinforced tubular frame Robust wheel mount Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> Control voltage 42 volts Reinforced tubular frame Robust wheel mount Trouble-free operation thanks to large water fine filter
Basic equipment			
Connection value	Control voltage	400 V, 3 Ph, 50 Hz, 4 kW 42 V	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V
Drive	Pump motor	4 kW, 400 rpm 2-stage gearbox with tilt switch	5.5 kW, 400 rpm 2-stage gearbox with tilt switch
	Star wheel motor	0.3 kW, 12 rpm	0.75 kW, 28 rpm
Mixing tube		Mixing tube without adaptable flange	Mixing tube without adaptable flange
Mixing shaft		BIONIK G 4 machine plaster	BIONIK G 4 machine plaster
Grout output with mortar pressure gauge		DN25 male part	DN25 male part
Wheels		2 castors, 2 double-stop castors	2 castors, 2 double-stop castors
Water connection		Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Operation and control		Start/Stop incl. water pump control unit	Start/Stop incl. water pump control unit
Dimensions			
Filling height		910 mm	910 mm
Hopper content**		145 litres ~ 5 sacks	145 litres ~ 5 sacks
Length/Width/Height		1,200/720/1,530 mm	1,200/720/1,530 mm
Total weight		285 kg	285 kg
Extended scope of delivery			
Mortar hose		RONDO DN25 – 15 m	RONDO DN25 – 10 m
Water pump for pressure boosting***		AVO 500 400 V, 3 Ph, 50 Hz, 0.37 kW	AVO 500 400 V, 3 Ph, 50 Hz, 0.37 kW ¹⁾
Water flow meter		100 – 1,000 l/h	100 – 1,000 l/h
Air compressor		COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off
Spraying gun		smartline DN25 F14 200 Geka	smartline DN25 F14 200 Geka
Connection cable		5 x 4 mm ² , RED 5-32 A – 25 m	not included
Water hose/Air hose		DN12 (1/2") Ewo Geka – 15 m	DN12 (1/2") Ewo Geka – 11 m
Performance data			
Pump capacity, max. *		35 l/min	35 l/min
Pump unit*		TWISTER D 5–2.5 · 22 l/min · 25 bar	D 6–3 mf · 20 l/min · 30 bar
Conveying distance*		30 m in DN25	30 m in DN25

For more information see page

02.1_16

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See from page 07_07

¹⁾ The information refers to the part no. with ¹⁾

G 4 smart
400 V, 3 Ph, 50 Hz

00 41 42 38

Mixing pump for filling techniques –
geothermal

- Control voltage 42 volts
- Reinforced tubular frame
- Robust wheel mount
- Trouble-free operation thanks to large water fine filter

400 V, 3 Ph, 50 Hz, 5.5 kW
42 V5.5 kW, 400 rpm
2-stage gearbox with tilt switch
0.75 kW, 28 rpm

Mixing tube without adaptable flange

BIONIK G 4 machine plaster

DN25 male part

2 castors, 2 double-stop castors

Geka DN19 (3/4") –
2.5 bar operating pressure

Start/Stop incl. water pump control unit

910 mm

145 litres ~ 5 sacks

1,200/720/1,530 mm

285 kg

not included

not included

250 – 2,500 l/h

not included

not included

not included

not included

35 l/min

D 8–2 · 30 l/min · 20 bar

20 m in DN25

30 m in DN35

And which is your G 4?

For any challenge and any requirement, the G 4 series by PFT has an efficient and convincing solution at hand. From the starter model PFT G 4 smart to the power pack PFT G 4 XL. What all models have in common:

They create a perfect mix quality and are absolutely reliable in tough everyday use.



G 4 smart



G 4 smart

Specifically designed for companies that need to pay attention to their budget, but without compromising on quality. The PFT G 4 smart performs perfect work for little money.



G 4

Flexible, powerful, great potential. This is the PFT G 4. The replaceable pressure flange allows the use of powerful R-pumps. This ensures valuable production benefits on the building site.



G 4 super

The powerhouse – PFT G 4 super – designed for use with SILOMAT facilities and hopper logistics. This machine offers a customised solution for any construction site and ensures ongoing operations through its integrated empty run sensor.



G 4 XL

Powerful and compact. The PFT G 4 XL is designed for rough everyday applications without compromises. Higher motor power, flow rates and additional delivery lengths leave no desires unfulfilled.



Description		G 4 400 V, 3 Ph, 50 Hz	G 4 400 V, 3 Ph, 50 Hz
Part no. with pressure booster pump		00 40 21 68 ¹⁾	00 41 41 94
Part no. without pressure booster pump		00 23 84 74	
Application focus		Mixing pump for plastering/rendering	Mixing pump for plastering/rendering
Strengths and benefits		<ul style="list-style-type: none"> • For D- and R-pump • Phase sequence monitoring • Operating hours meter • Powerful water pump • High delivery capacity • Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> • For D- and R-pump • Phase sequence monitoring • Operating hours meter • High delivery capacity • Trouble-free operation thanks to large water fine filter
Basic equipment			
Connection value	Control voltage	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V
Drive	Pump motor	5.5 kW, 400 rpm	5.5 kW, 400 rpm
	Star wheel motor	2-stage gearbox with tilt switch 0.75 kW, 28 rpm	2-stage gearbox with tilt switch 0.75 kW, 28 rpm
Mixing tube		Mixing tube with adaptable flange	Mixing tube with adaptable flange
Mixing shaft		BIONIK G 4 machine plaster	BIONIK G 4 machine plaster
Grout output with mortar pressure gauge		DN35 female part	DN35 female part
Wheels		2 castors, 2 double-stop castors	2 castors, 2 double-stop castors
Water connection		Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Operation and control		Start/Stop incl. water pump control unit	Start/Stop incl. water pump control unit
Dimensions			
Filling height		910 mm	910 mm
Hopper content**		145 litres ~ 5 sacks	145 litres ~ 5 sacks
Length/Width/Height		1,200/720/1,530 mm	1,200/720/1,530 mm
Total weight		305 kg	285 kg
Extended scope of delivery			
Mortar hose		RONDO DN25 – 10 m	RONDO DN25 – 10 m
Adapter coupling		DN35 male part DN25 male part	DN35 male part DN25 male part
Water pump for pressure boosting***		AV 1000 400 V, 3 Ph, 50 Hz, 0.6 kW ¹⁾	AVO 500 400 V, 3 Ph, 50 Hz, 0.37 kW
Water flow meter		150 – 1,500 l/h	150 – 1,500 l/h
Air compressor		COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off ¹⁾	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off
Spraying gun		DN25-360° S14 200 Geka	DN25-360° S14 200 Geka
Connection cable		not included	not included
Water hose/Air hose		DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m
Performance data			
Pump capacity, max.*		85 l/min	85 l/min
Pump unit*		TWISTER D 6–3 · 20 l/min · 30 bar	TWISTER D 6–3 · 20 l/min · 30 bar
Conveying distance*		30 m in DN25 50 m in DN35	30 m in DN25 50 m in DN35

For more information see page

02.1_24

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See from page 07_07

¹⁾ The information refers to the part no. with ¹⁾

G 4 400 V, 3 Ph, 50 Hz	G 4 400 V, 3 Ph, 50 Hz	G 4 400 V, 3 Ph, 50 Hz
00 42 58 23	00 42 38 48 ¹⁾	00 42 51 00
Mixing pump for plastering/rendering	Mixing pump for plastering/rendering	Mixing pump for floor screed
<ul style="list-style-type: none"> • Phase sequence monitoring • Operating hours meter • Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> • Rubber mixing zone • For D- and R-pump • High delivery capacity • Phase sequence monitoring • Operating hours meter • Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> • Mixing shaft for fillers • For D- and R-pump • High delivery capacity • With ROTOMIX agitator • Operating hours meter • Trouble-free operation thanks to large water fine filter
400 V, 3 Ph, 50 Hz, 5.5 kW 42 V 	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V 	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V 
5.5 kW, 400 rpm 2-stage gearbox with tilt switch 0.75 kW, 28 rpm	5.5 kW, 400 rpm 2-stage gearbox with tilt switch 0.75 kW, 28 rpm	5.5 kW, 400 rpm 2-stage gearbox with tilt switch 0.75 kW, 28 rpm
Mixing tube without adaptable flange	Rubber mixing tube with adaptable flange	Mixing tube with adaptable flange
BIONIK G 4 machine plaster	BIONIK G 4 machine plaster	BIONIK G 4 floor screed
DN25 male part	DN35 female part	DN35 female part
2 castors, 2 double-stop castors	2 castors, 2 double-stop castors	2 castors, 2 double-stop castors
Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Start/Stop incl. water pump control unit	Start/Stop incl. water pump control unit	Start/Stop incl. water pump control unit
910 mm	910 mm	910 mm
145 litres ~ 5 sacks	145 litres ~ 5 sacks	145 litres ~ 5 sacks
1,200/720/1,530 mm	1,200/720/1,530 mm	1,200/720/1,530 mm
287 kg	297 kg	336 kg
RONDO DN25 – 10 m	RONDO DN25 – 10 m	RONDO DN35 pouring hose – 20 m
not included	DN35 male part DN25 male part	not included
not included	AV 1000 400 V, 3 Ph, 50 Hz, 0.6 kW ¹⁾ 	AV 1000 400 V, 3 Ph, 50 Hz, 0.6 kW 
100 – 1,000 l/h	150 – 1,500 l/h	250 – 2,500 l/h
COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 	not included
smartline DN25 F14 200 Geka	DN25-360° S14 200 Geka	not included
not included	not included	not included
DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m	not included
35 l/min	85 l/min	85 l/min
TWISTER D 6-3 · 20 l/min · 30 bar	TWISTER D 6-3 · 20 l/min · 30 bar	R 8-1.5 · 85 l/min · 15 bar
30 m in DN25 50 m in DN35	30 m in DN25 50 m in DN35	30 m in DN25 50 m in DN35

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net



Description		G 4 FC-230V 230 V, 1 Ph, 50 Hz	G 4 FC-230V 230 V, 1 Ph, 50 Hz
Part no. with pressure booster pump		00 26 81 43	00 41 42 34 ¹⁾
Part no. without pressure booster pump			00 40 21 18 ²⁾
Application focus		Mixing pump for plastering/rendering in the refurbishments sector	Mixing pump for plastering/rendering in the refurbishments sector
Strengths and benefits		<ul style="list-style-type: none"> • Reduced initial current • Frequency converter (FC) for infinitely variable speed control and torque amplification • Powerful and reliable operation via standard power socket • Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> • Reduced initial current • Frequency converter (FC) for infinitely variable speed control and torque amplification • Powerful and reliable operation via standard power socket • Powerful pump motor • Trouble-free operation thanks to large water fine filter
Basic equipment			
Connection value	Control voltage	230 V, 1 Ph, 50 Hz, 4 kW 42 V	230 V, 1 Ph, 50 Hz, 5.5 kW 42 V
Drive	Pump motor	4 kW, 400 rpm 2-stage gearbox with tilt switch	5.5 kW, 400 rpm 2-stage gearbox with tilt switch
	Star wheel motor	0.3 kW, 12 rpm	0.3 kW, 12 rpm
Mixing tube		Mixing tube without adaptable flange	Mixing tube without adaptable flange
Mixing shaft		BIONIK G 4 machine plaster	BIONIK G 4 machine plaster
Grout output with mortar pressure gauge		DN25 male part	DN25 male part
Wheels		2 castors, 2 double-stop castors	2 castors, 2 double-stop castors
Water connection		Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Operation and control		Start/Stop incl. water pump control unit and infinitely variable speed control	Start/Stop incl. water pump control unit and infinitely variable speed control
Dimensions			
Filling height		910 mm	910 mm
Hopper content**		145 litres ~ 5 sacks	145 litres ~ 5 sacks
Length/Width/Height		1,200/720/1,530 mm	1,200/720/1,530 mm
Total weight		287 kg	289 kg
Extended scope of delivery			
Mortar hose		RONDO DN25 – 10 m	RONDO DN25 – 10 m
Water pump for pressure boosting***		AVO 500 230 V, 1 Ph, 50 Hz, 0.37 kW	AV 1000 230 V, 1 Ph, 50 Hz, 0.6 kW ¹⁾
Water flow meter		150 – 1,500 l/h	100 – 1,000 l/h ¹⁾
Air compressor		COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min – max. 3.4 bar with pressure switch-off	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min – max. 3.4 bar with pressure switch-off
Spraying gun		smartline DN25 F14 200 Geka	DN25-360° F14 600-30° Geka ¹⁾ smartline DN25 F14 200 Geka ²⁾
Connection cable		3 x 4 mm², BLU 3-32 A – 25 m Adapter cable BLU 3-32 A – 25 m BLU 2-16 A – 1 m	3 x 4 mm², BLU 3-32 A – 25 m Adapter cable BLU 3-32 A – 25 m BLU 2-16 A – 1 m
Water hose/Air hose		DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m
Performance data			
Pump capacity, max.*		35 l/min	35 l/min
Pump unit*		SD 6–3 slimline · 20 l/min · 25 bar	SD 6–3 slimline · 20 l/min · 25 bar
Conveying distance*		15 m in DN25	15 m in DN25

For more information see page

02.1_32

02.1_32

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

G 4 FC-230V
230 V, 1 Ph, 50 Hz

00 42 40 69

Mixing pump for plastering/rendering in the refurbishments sector

- Reduced initial current
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Extended hose pack
- Trouble-free operation thanks to large water fine filter

230 V, 1 Ph, 50 Hz, 5.5 kW
42 VBLU
3-325.5 kW, 400 rpm
2-stage gearbox with tilt switch
0.3 kW, 12 rpm

Mixing tube without adaptable flange

BIONIK G 4 machine plaster

DN25 male part

2 castors, 2 double-stop castors

Geka DN19 (3/4") –
2.5 bar operating pressureStart/Stop incl. water pump control unit
and infinitely variable speed control

910 mm

145 litres ~ 5 sacks

1,200/720/1,530 mm

289 kg

RONDO DN25 – 10 m + 5 m

AVO 500
230 V, 1 Ph, 50 Hz, 0.37 kWGRE
2-16

150 – 1,500 l/h

COMP P-200, 230 V, 1 Ph,
50 Hz, 0.5 kW, 200 l/min –
max. 3.4 bar with pressure switch-offBLU
2-16

smartline DN25 F14 200 Geka

3 x 4 mm², BLU 3-32 A – 25 m
Adapter cable
BLU 3-32 A – 25 m | BLU 2-16 A – 1 mDN12 (1/2") Ewo | Geka – 11 m + 5 m
DN19 (3/4") Geka | Geka – 40 m

35 l/min

SD 6-3 slimline · 20 l/min · 25 bar

15 m in DN25

PFT presents solutions for the refurbishments sector: PFT G 4 FC-230V

A great surface finish has fascinated people, ever since walls were invented. Today, however, the options for enhancing the wall surface are tremendous. Modern processing technology gives users involved in refurbishment and conversion work the ability to create great products in gypsum and lime-cement plaster. Ecology, physical benefits in construction and an elegant look make plaster surfaces desirable. Plastering, filling, finishing. What ever refurbishment tasks you are planning – you are on the right track with PFT machines.



G 4 FC-230V

**G 4 FC-230V**

- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Reinforced tubular frame easily handles heavy loads
- Reinforced wheel mount
- Safe transport with a forklift thanks to integrated forklift straps
- No damage to the fittings and switches, as these are located inside the inner contour of the frame for protection
- Optimal antifreeze protection due to tilting of the pump; residual water is completely drained
- Trouble-free operation thanks to large water fine filter
- Easy to maintain
- Circumferential motor protection handle
- Star wheel nut can be easily loosened
- Large material hopper

PFT SD 6-3 slimline

Tailor made: A perfect fit and match for your "big" machine with 230 V drive and application.



*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See page 07_07

^{1) 2)} The information refers to the part no. with ^{1) 2)}



Description		G 4 FC-230/400V 230/400 V, 1/3 Ph, 50 Hz	G 4 super 400 V, 3 Ph, 50 Hz
Part no. with pressure booster pump		00 26 06 21 ¹⁾	00 41 41 71
Part no. without pressure booster pump		00 42 34 08	
Application focus		Mixing pump for plastering/rendering and refurbishing work	Mixing pump for plastering/rendering and floor fillers
Strengths and benefits		<ul style="list-style-type: none"> • Switchable 400 V and 230 V • For D- and R-pump (R-pump only in 400 V operation) • Phase sequence monitoring • Rubber mixing zone • Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> • Level sensor in the material hopper • Ready for GPS • Phase sequence monitoring • For D- and R-pump • Rubber mixing tube • Control lamp for water pressure • Trouble-free operation thanks to large water fine filter
Basic equipment			
Connection value	Control voltage	230/400 V, 1/3 Ph, 50 Hz, 5.5 kW 42 V	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V
Drive	Pump motor	5.5 kW, 400 rpm	5.5 kW, 400 rpm
	Star wheel motor	2-stage gearbox with tilt switch 0.3 kW, 12 rpm	2-stage gearbox with tilt switch 0.75 kW, 28 rpm
Mixing tube		Rubber mixing tube with adaptable flange	Rubber mixing tube with adaptable flange
Mixing shaft		BIONIK G 4 machine plaster	BIONIK G 4 machine plaster
Grout output with mortar pressure gauge		DN35 female part	DN35 female part
Wheels		2 castors, 2 double-stop castors	2 castors, 2 double-stop castors
Water connection		Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Operation and control		Start/Stop incl. water pump control unit and continuously variable speed 230 V	Start/Stop incl. water pump control unit
Dimensions			
Filling height		910 mm	910 mm
Hopper content**		145 litres ~ 5 sacks	145 litres ~ 5 sacks
Length/Width/Height		1,200/720/1,530 mm	1,200/720/1,530 mm
Total weight		290 kg	308 kg
Extended scope of delivery			
Mortar hose		RONDO DN25 – 10 m	RONDO DN25 – 15 m
Adapter coupling		DN35 male part DN25 male part	DN35 male part DN25 male part
Water pump for pressure boosting***		AVO 500 230 V, 1 Ph, 50 Hz, 0.37 kW ¹⁾	AV 1000 400 V, 3 Ph, 50 Hz, 0.6 kW
Water flow meter		150 – 1,500 l/h	150 – 1,500 l/h
Air compressor		COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min – max. 3.4 bar with pressure switch-off	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off
Spraying gun		DN25-360° S14 200 Geka	DN25-360° S14 200 Geka
Connection cable		Adapter cable RED 5-32 A BLU 2-16 A – 1 m	not included
Water hose/Air hose		DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 15 m
Performance data			
Pump capacity, max.*		35 l/min	85 l/min
Pump unit*		SD 6–3 slimline · 20 l/min · 25 bar	TWISTER D 6–3 · 20 l/min · 30 bar
Conveying distance*		30 m in DN25 (400 V) 50 m in DN35 (400 V)	30 m in DN25 50 m in DN35

For more information see page

02.1_37

02.1_38

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

G 4 XL
400 V, 3 Ph, 50 Hz

00 40 67 95

Mixing pump for plastering/rendering

- Higher pump and delivery rate
- Level sensor in the material hopper
- Ready for GPS
- Phase sequence monitoring
- For D- and R-pump
- Rubber mixing zone
- Control lamp for water pressure
- Trouble-free operation thanks to large water fine filter

 400 V, 3 Ph, 50 Hz, 7.5 kW
 42 V

 7.5 kW, 400 rpm
 2-stage gearbox with tilt switch
 0.75 kW, 28 rpm

 Rubber mixing tube with
 adaptable flange

BIONIK G 4 machine plaster

DN35 female part

2 castors, 2 double-stop castors

 Geka DN19 (3/4") –
 2.5 bar operating pressure

Start/Stop incl. water pump control unit

910 mm

145 litres ~ 5 sacks

1,200/720/1,530 mm

365 kg

RONDO DN25 – 15 m

DN35 male part | DN25 male part

 AV 1000
 400 V, 3 Ph, 50 Hz, 0.6 kW


150 – 1,500 l/h

 COMP M-250-V5 handy, 400 V, 3 Ph,
 50 Hz, 0.9 kW, 250 l/min –
 max. 4 bar with pressure switch-off


DN25-360° S14 200 Geka

not included

DN12 (1/2") Ewo | Geka – 15 m

85 l/min

D 6–4 · 20 l/min · 40 bar

40 m in DN25

65 m in DN35

02.1_47

Flip the switch:
Increase flexibility with
the PFT G 4 FC-230/400V

The clever solution facilitates construction site use with 230 volts and 400 volts. Use the benefits of both models and increase your machine utilisation. Through simple change over you can adapt the output even without changing the pump.



G 4 FC-230/400V

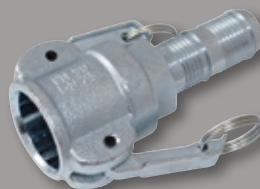
**G 4 FC-230/400V**

- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Reinforced tubular frame easily handles heavy loads
- Reinforced wheel mount
- Safe transport with a forklift thanks to integrated forklift straps
- No damage to the fittings and switches, as these are located inside the inner contour of the frame for protection
- Optimal antifreeze protection due to tilting of the pump; residual water is completely drained
- Trouble-free operation thanks to large water fine filter
- Easy to maintain
- Circumferential motor protection handle
- Star wheel nut can be easily loosened

male part



female part

**PFT praktische tip**

Coupling principle: The asymmetrical male and female parts are locked by two cam levers. PFT couplings are hydraulically integrated with pressing sleeves in the tube. This increases operational reliability. To relieve the rigid tube, we recommend a PFT spraying gun with a rotating coupling.

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See page 07_07

¹⁾ The information refers to the part no. with ¹⁾



Description		G 4 smart 400 V, 3 Ph, 60 Hz	G 4 230 V 230 V, 3 Ph, 60 Hz
Part no. with pressure booster pump		00 43 04 34	00 42 21 40
Application focus		Mixing pump for plastering/rendering	Mixing pump for plastering/rendering in the refurbishments sector
Strengths and benefits		<ul style="list-style-type: none"> Control voltage 48 volts Reinforced tubular frame Robust wheel mount Trouble-free operation thanks to large water fine filter 	<ul style="list-style-type: none"> For D- and R-pump Reinforced tubular frame Trouble-free operation thanks to large water fine filter
Basic equipment			
Connection value	Control voltage	400 V, 3 Ph, 60 Hz, 5.5 kW 48 V	230 V, 3 Ph, 60 Hz, 5.5 kW 48 V
Drive	Pump motor	5.5 kW, 400 rpm	5.5 kW, 400 rpm
	Star wheel	2-stage gearbox with tilt switch 0.75 kW, 28 rpm	2-stage gearbox with tilt switch 0.75 kW, 28 rpm
Mixing tube		Mixing tube without adaptable flange	Mixing tube with adaptable flange
Mixing shaft		BIONIK G 4 machine plaster	BIONIK G 4 machine plaster
Grout output with mortar pressure gauge		DN25 male part	DN35 female part
Wheels		2 castors, 2 double-stop castors	2 castors, 2 double-stop castors
Water connection		Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Operation and control		Start/Stop incl. water pump control unit	Start/Stop incl. water pump control unit
Dimensions			
Filling height		910 mm	910 mm
Hopper content**		145 litres ~ 5 sacks	145 litres ~ 5 sacks
Length/Width/Height		1,200/720/1,530 mm	1,200/720/1,530 mm
Total weight		287 kg	306 kg
Extended scope of delivery			
Mortar hose		RONDO DN25 – 10 m	RONDO DN25 – 10 m
Adapter coupling		not included	DN35 male part DN25 male part
Water pump for pressure boosting***		AV 1000 400 V, 3 Ph, 60 Hz, 0.6 kW	AV 1000 230 V, 3 Ph, 60 Hz, 0.6 kW
Water flow meter		100 – 1,000 l/h	150 – 1,500 l/h
Air compressor		COMP M-250-X0 handy, 400 V, 3 Ph, 60 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off	COMP M-250-X0 handy, 400 V, 3 Ph, 60 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off
Spraying gun		smartline DN25 F14 200 Geka	DN25-360° S14 200 Geka
Connection cable		not included	not included
Water hose/Air hose		DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m
Performance data			
Pump capacity, max.*		35 l/min	60 l/min
Pump unit*		D 6-3 · 20 l/min · 30 bar	D 6-3 · 20 l/min · 30 bar
Conveying distance*		30 m in DN25	30 m in DN25 50 m in DN35

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See from page 07_07

G 4 230/400 V
230/400 V, 3 Ph, 60 Hz

00 41 96 21

Mixing pump for plastering/rendering
in the refurbishments sector

- Switchable 400 V and 230 V
- For D- and R-pump
- Phase sequence monitoring
- Trouble-free operation thanks to large water fine filter

230/400 V, 3 Ph, 60 Hz, 5.5 kW
48 V



5.5 kW, 400 rpm
2-stage gearbox with tilt switch
0.75 kW, 28 rpm

Mixing tube with adaptable flange

BIONIK G 4 machine plaster

DN35 female part

2 castors, 2 double-stop castors

Geka DN19 (3/4") –
2.5 bar operating pressure

Start/Stop incl. water pump control unit

910 mm

145 litres ~ 5 sacks

1,200/720/1,530 mm

308 kg

RONDO DN25 – 10 m

DN35 male part | DN25 male part

AV 1000
230/400 V, 3 Ph, 60 Hz, 0.6 kW



150 – 1,500 l/h

COMP M-250-V5 handy, 400 V, 3 Ph,
60 Hz, 0.9 kW, 250 l/min –
max. 4 bar with pressure switch-off



DN25-360° S14 200 Geka

not included

DN12 (1/2") Ewo | Geka – 11 m

60 l/min

D 6–3 · 20 l/min · 30 bar

30 m in DN25 (400 V)
50 m in DN35 (400 V)

Large water fine filter

- Large filter surface
- Easy to replace
- Easy access for cleaning and maintenance works
- Operational reliability



Reinforced wheel mount

- Wide rollers with large diameter – easy handling at the construction site
- Rollers do not form kinks



PFT RONDO superlight

So light – you almost forget it's there.

- Ultralight
- 3-fold burst pressure
- Hydraulic integration
- Mortar coupling simple to exchange
- PUR core – high abrasion resistance



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ALWAYS AT YOUR SITE



G 4 smart

Part no.	Description
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00 25 73 59	G 4 smart with pressure booster pump ¹⁾ 400 V, 3 Ph, 50 Hz, 5.5 kW
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00 26 06 22	G 4 smart without pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW
-------------	--

**Basic equipment**



- Pump drive 5.5 kW, 400 rpm
- Star wheel drive 0.75 kW, 28 rpm – output*: 35 l/min
- Material hopper, capacity 145 litres ~ 5 sacks**
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN25 male part with mortar pressure gauge
- Pressure flange pro improved material flow, extends the rotor/stator life
- Suction and pressure flanges support the use of D-pump
- Mixing shaft BIONIK G 4 machine plaster
- Switches and connectors are inside the basic design
- Connections in the control box:

BLA 4-16	RED 4-16	H 4	RED 2-16
----------	----------	-----	----------
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection Geka DN19 (3/4") – required operating pressure 2.5 bar
- Reinforced tubular frame and robust wheel mount
- Forklift straps and crane lifting eyes
- Flexible mixing intensity thanks to two water inlets
- Trouble-free operation thanks to large water fine filter with low mesh size



G 4 smart

Extended scope of delivery

- Water pump as pressure booster pump AVO 500, 400 V, 3 Ph, 50 Hz, 0.37 kW ¹⁾

- Water flow meter 100 – 1,000 l/h
- RONDO DN25 hydraulic connection of male part | female part – 10 m
- Air hose DN12 (1/2") Ewo | Geka – 11 m
- Cleaning piece for cleaning the material hose DN25 male part | Geka
- Spraying gun smartline DN25 F14 200 Geka
- Air compressor COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min with pressure control
 

Output – pump unit

- Rotor D 6–3 / Stator D 6–3 mf
- Pump capacity*: max. 20 l/min, 30 bar, up to 30 m conveying distance in DN25

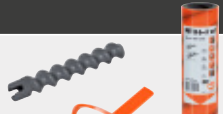
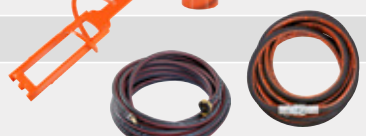






* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

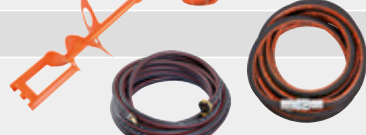




** Sack content 30 kg

¹⁾ The information refers to the part no. with ¹⁾

Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render < 3 mm
Loam plaster, dry













Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				20 11 55 10	Stator D 6-3 mf	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 - 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka - 11 m	
5 Spraying gun				00 21 10 91	smartline DN25 F14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	

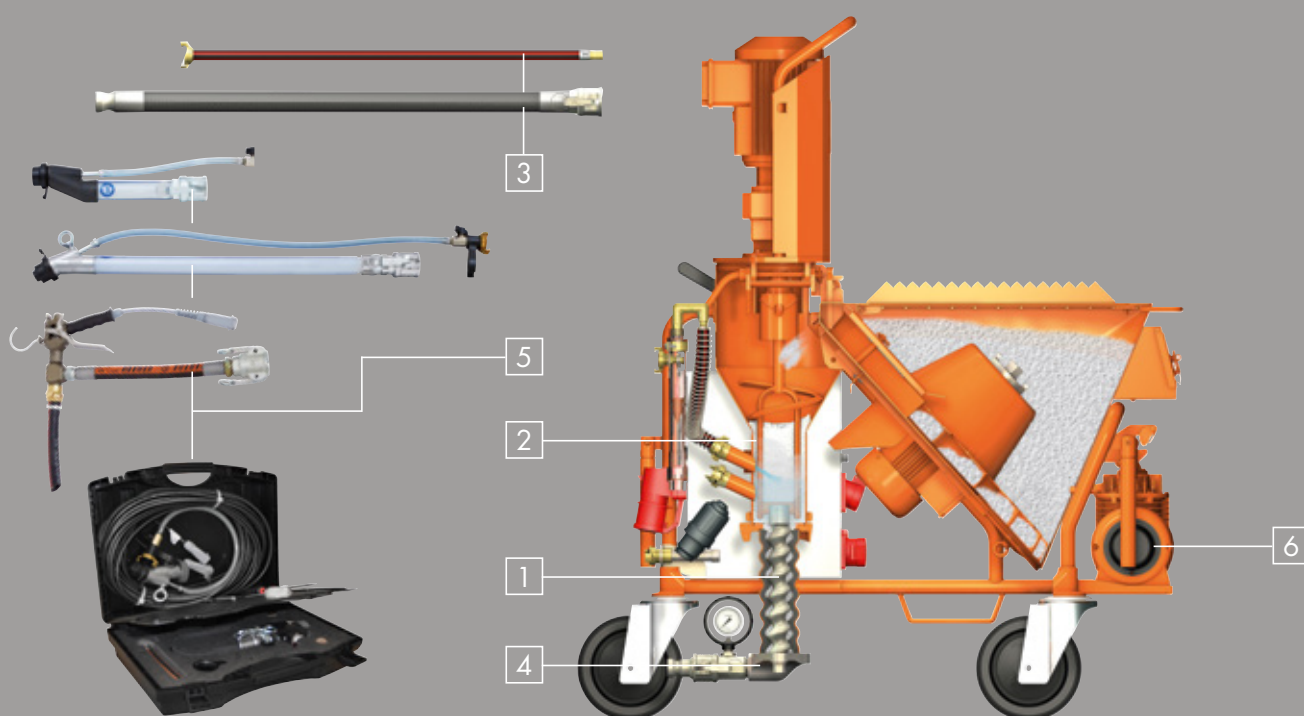
Light plaster

Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				20 11 55 10	Stator D 6-3 mf	
2 Mixing shaft				00 54 03 90	BIONIK G 4 light plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 - 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka - 11 m	
5 Spraying gun				00 21 10 91	smartline DN25 F14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	

Adhesive mortar Grouting mortar

G 4 smart

Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				20 11 43 20	Rotor D 4–3 with tang	 
					00 01 05 43	Stator TWISTER D 4–3 PIN	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	         
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
					20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
4	Agitator				20 11 84 00	ROTOQUIRL D-pump	
					20 11 80 00	ROTOMIX D-pump	
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part	
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	H 4
					00 41 89 75	JETSET pro DN25 Ewo	H 4
Standard							
Optional							
Alternative							



Reinforcement mortar

G 4 smart

Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				20 11 43 20	Rotor D 4-3 with tang
					00 01 05 43	Stator TWISTER D 4-3 PIN
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m <i>Recommended for spraying gun decorative plaster</i>
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
4	Agitator				20 11 84 00	ROTOQUIRL D-pump
					20 11 80 00	ROTOMIX D-pump
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
					00 41 89 75	JETSET pro DN25 Ewo
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>

Floor fillers


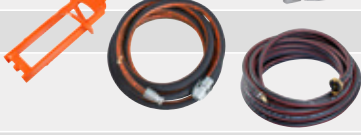




Thin screed

Floor screed 35 l/min

Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				20 11 47 20	Rotor D 8-1.5 with tang
					00 01 09 05	Stator TWISTER D 8-1.5 PIN
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
					20 45 69 16	Remote control cable with switch – 50 m on cable reel
4	Agitator				20 11 80 00	ROTOMIX D-pump
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part

Lime-cement render > 3 mm Scratch coat

G 4 smart

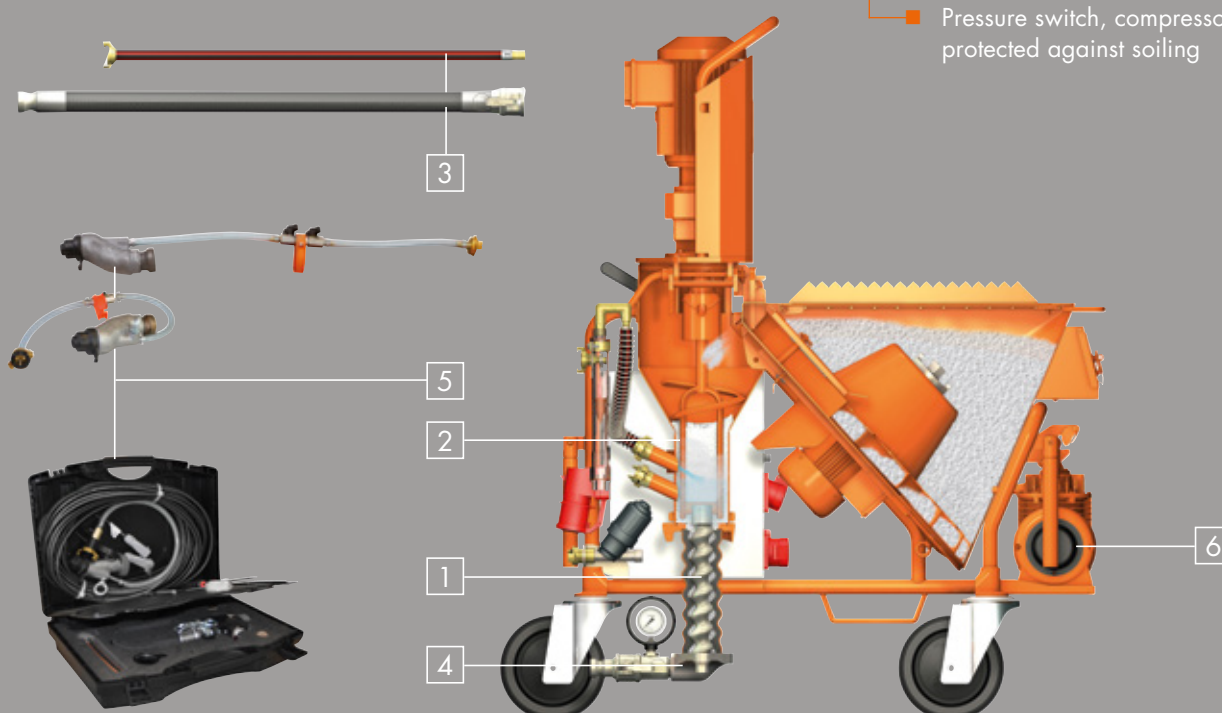
Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW							
Areas	S	O	A	Part no.	Description		
1 Pump				20 11 47 00	Rotor D 8-1.5		
				20 11 64 00	Stator D 8-1.5		
				00 52 60 14	Clamp D-pump 270 mm		
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster		
3 Hoses and cables				00 02 11 04	RONDO DN35 - 10 m		
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka - 11 m		
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function		
				00 00 69 28	DN35 S14		
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 		
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 		
Standard							
Optional							
Alternative							

PFT *praktive* tip



COMP P-200 (Part no. 00 68 09 23)


- Low weight of 14 kg
- No reduction of air volume
- Pressure switch, compressor protected against soiling



Finishing coat, mineral

G 4 smart


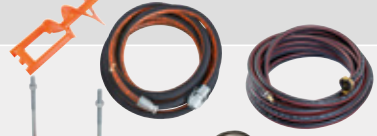




Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

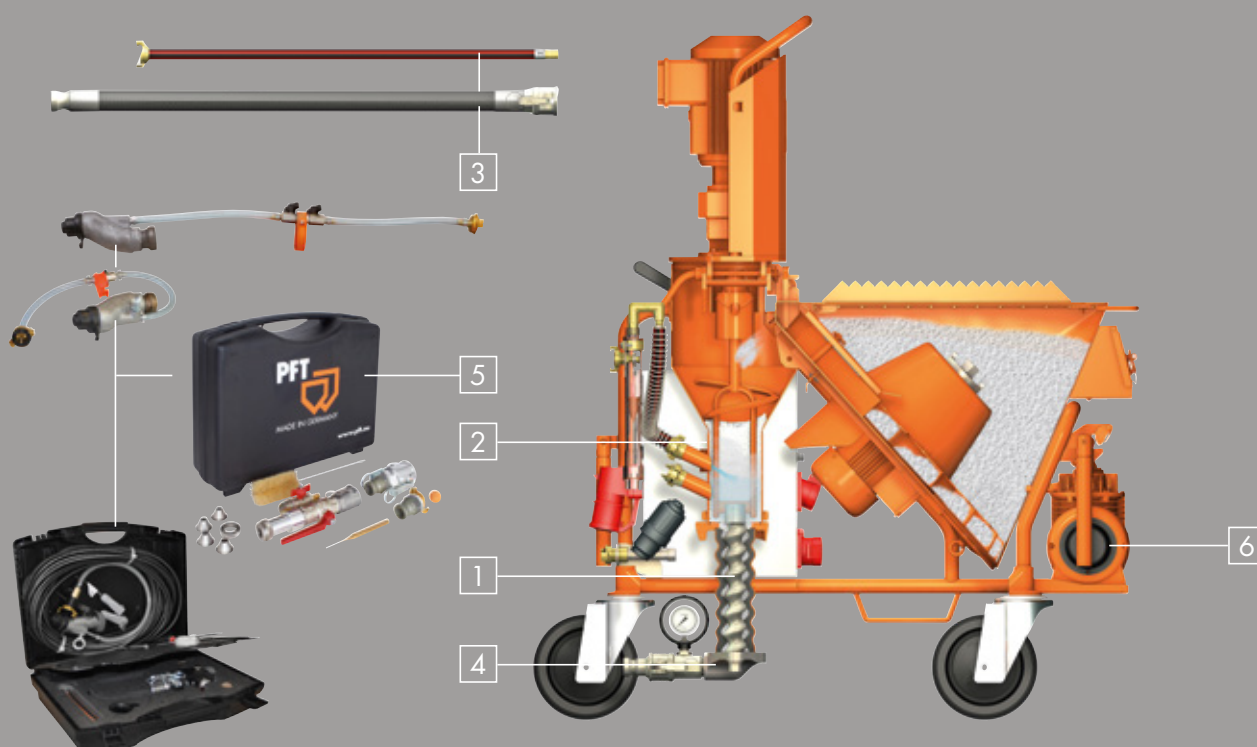
Areas		S	O	A	Part no.	Description	
1	Pump				20 11 43 10	Rotor D 4-3	
					00 01 05 43	Stator TWISTER D 4-3 PIN	
					20 11 49 30	Rotor D 3-4	
					20 11 61 00	Stator D 3-4 <i>Note: only with clamp</i>	
					00 52 60 14	Clamp D-pump 270 mm	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>	
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>	
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>	
5	Spraying gun				00 23 21 06	Spraying set for finishing coat	
					00 41 89 75	JETSET pro DN25 Ewo	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz	
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	

Insulating plaster

G 4 smart

Part no. 00 25 73 59 G 4 smart with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 20	Rotor D 8-1.5 with tang	
				00 01 09 05	Stator TWISTER D 8-1.5 PIN	
2 Mixing shaft				00 54 06 80	BIONIK G 4 insulating plaster	
3 Hoses and cables				00 02 11 04	RONDO DN35 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
4 Agitator				20 11 84 00	ROTOQUIRL D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
				00 00 69 28	DN35 S14	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz	
7 Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	
Standard						
Optional						
Alternative						



PFT DUSTCATCHER

Dust-free – work clean and without harming your health

The formation of dust during the loading of bagged material cannot be completely prevented, but we can significantly reduce it. This is because the health of the processor is our priority.



Eats dust!



www.pft.net/dustcatcher

* up to 80% less dust

ALWAYS AT YOUR SITE



G 4





Part no.	Description
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00 40 21 68	G 4 with pressure booster pump ¹⁾ 400 V, 3 Ph, 50 Hz, 5.5 kW
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00 23 84 74	G 4 without pressure booster pump ²⁾ 400 V, 3 Ph, 50 Hz, 5.5 kW
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**Basic equipment**

- Pump drive 5.5 kW, 400 rpm
- Star wheel drive 0.75 kW, 28 rpm – output*: 85 l/min
- Material hopper, capacity 145 litres ~ 5 sacks**
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN35 female part with mortar pressure gauge
- Pressure flange pro improved material flow, extends the rotor/stator life
Note: Scope of delivery: Suction and pressure flange for D-pump
- Mixing shaft BIONIK G 4 machine plaster
- Switches and connectors are inside the basic design
- Connections in the control box:    
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection Geka DN19 (3/4") – required operating pressure 2.5 bar
- Reinforced tubular frame and robust wheel mount
- Forklift straps and crane lifting eyes
- Deflector plate on motor – prevents whirling currents in the container
- Flexible mixing intensity thanks to two water inlets
- Trouble-free operation thanks to large water fine filter with low mesh size



G 4

Extended scope of delivery

- Water pump as pressure booster pump AV 1000, 400 V, 3 Ph, 50 Hz, 0.6 kW ¹⁾ 
- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part | female part – 10 m
- Air hose DN12 (1/2") Ewo | Geka – 11 m
- Cleaning piece for cleaning the material hose DN35 female part | Geka
- Adapter coupling DN35 male part | DN25 male part
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min with pressure control ¹⁾ 
- Air compressor COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min with pressure control ²⁾ 

Output – pump unit

- Rotor D 6–3 / Stator TWISTER D 6–3
- Pump capacity*: max. 20 l/min, 30 bar, up to 30 m conveying distance in DN25 up to 50 m conveying distance in DN35



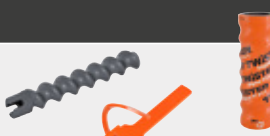





* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

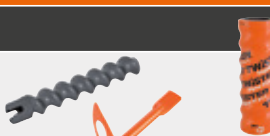

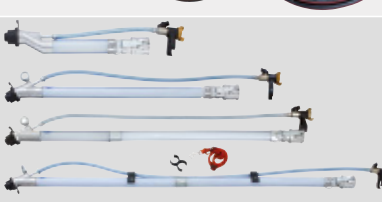



^{1) 2)} The information refers to the part no. with ^{1) 2)}

Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render < 3 mm

G 4
G 4 FC-230/400V (400 V)

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				00 00 88 62	Stator TWISTER D 6-3	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	

Light plaster

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				00 00 88 62	Stator TWISTER D 6-3	
2 Mixing shaft				00 54 03 90	BIONIK G 4 light plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	






Adhesive mortar Grouting mortar

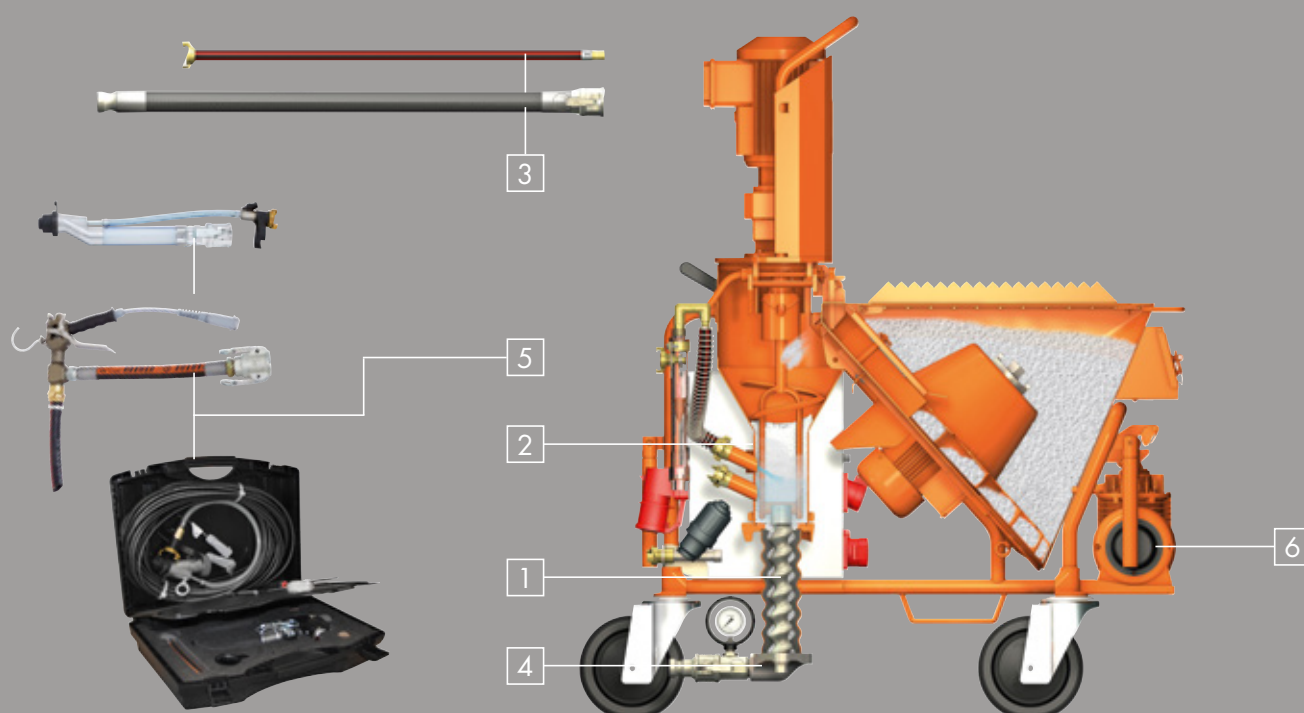
G 4

G 4 FC-230/400V (400 V)

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 43 20	Rotor D 4–3 with tang	
				00 01 05 43	Stator TWISTER D 4–3 PIN	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
				20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
4 Agitator				20 11 84 00	ROTOQUIRL D-pump	
				20 11 80 00	ROTOMIX D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	
				00 41 89 75	JETSET pro DN25 Ewo	
Standard						
Optional						
Alternative						



Reinforcement mortar

G 4

G 4 FC-230/400V (400 V)

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				20 11 43 20	Rotor D 4–3 with tang
				00 01 05 43	Stator TWISTER D 4–3 PIN
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m <i>Recommended for spraying gun decorative plaster</i>
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
4 Agitator				20 11 84 00	ROTOQUIRL D-pump
				20 11 80 00	ROTOMIX D-pump
				00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part
5 Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
				00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
				00 41 89 75	JETSET pro DN25 Ewo
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
				00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>

Lime-cement render > 3 mm


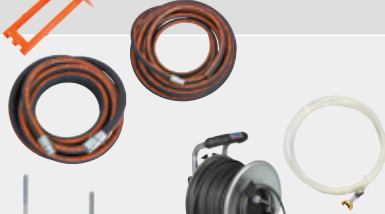


Scratch coat

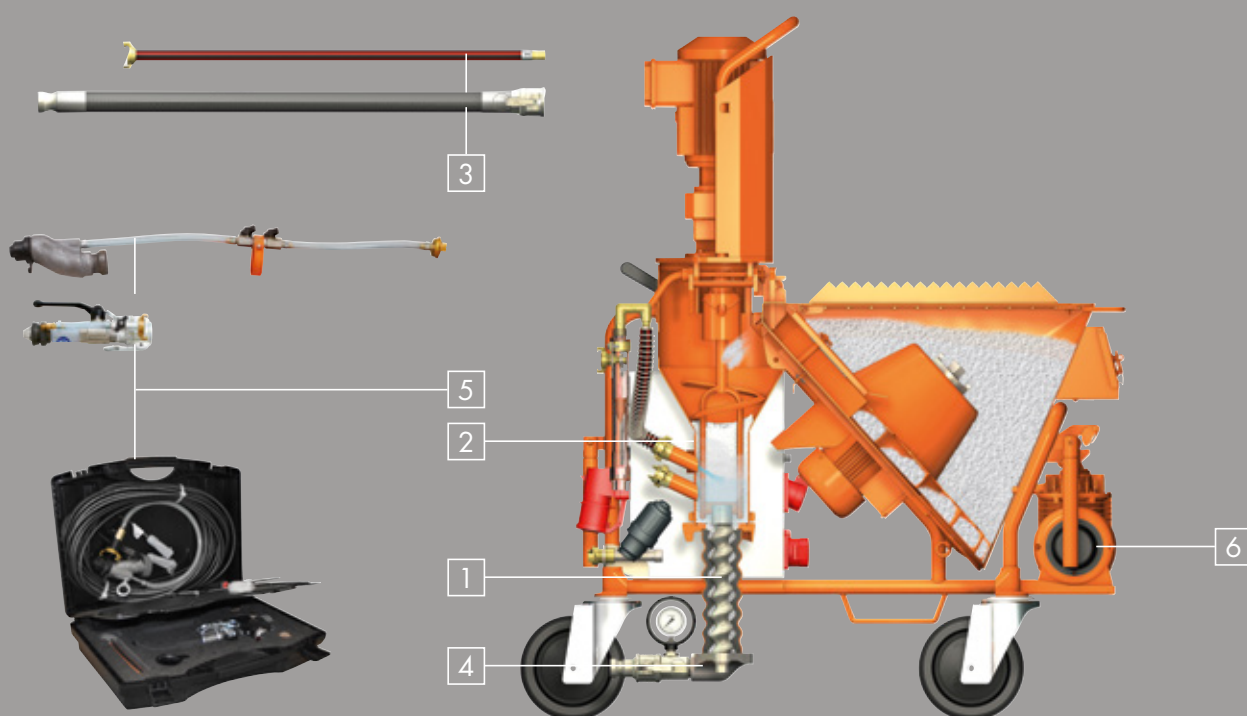
Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				20 11 47 00	Rotor D 8–1.5
				20 11 64 00	Stator D 8–1.5
				00 52 60 14	Clamp D-pump 270 mm
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3 Hoses and cables				00 02 11 04	RONDO DN35 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function
				00 00 69 28	DN35 S14
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz

Floor screed 60 l/min | 85 l/min

G 4

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 48 10	Rotor R 7–1.5 with tang	
					20 11 62 00	Stator R 7–1.5	
					20 11 48 60	Rotor R 8–1.5 with tang	
					20 11 62 20	Stator R 8–1.5 <i>Note: for more output – floor screed 85 l/min</i>	
					20 11 78 00	Clamp R-pump 270 mm	
2	Mixing shaft				00 54 12 62	BIONIK G 4 floor screed	
3	Hoses and cables				00 02 12 73	RONDO DN35 pouring hose – 20 m	
					00 02 11 19	RONDO DN35 – 13.3 m	
					00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
					20 45 69 16	Remote control cable with switch – 50 m on cable reel	
4	Agitator				20 11 80 50	ROTOMIX R-pump	
					00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
7	Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	
Standard							
Optional							
Alternative							



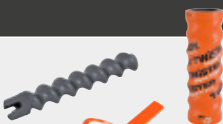

Loam plaster, dry

G 4

G 4 FC-230/400V (400 V)

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW




Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 23 79 08	Rotor D 6–3	
					00 00 88 62	Stator TWISTER D 6–3	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
					00 20 64 40	DN25-360° S14 600-30° Geka	
					00 24 70 18	DN25-360° S14 900-30° Geka	
					00 24 70 22	DN25-360° S14 1200-30° Geka	
6	Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz	
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz	

Floor filler | Thin screed | Floor screed 35 l/min


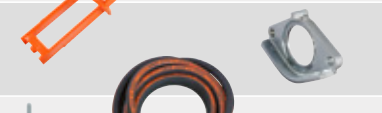


Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 20	Rotor D 8–1.5 with tang	
					00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 45 69 16	Remote control cable with switch – 50 m on cable reel	
4	Agitator				20 11 80 00	ROTOMIX D-pump	
					00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	

Masonry mortar

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 48 50	Rotor R 7–2.5 with tang	
					20 11 63 50	Stator R 7–2.5	
					20 11 78 00	Clamp R-pump 270 mm	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
					20 10 42 17	Suction flange R-pump	
3	Hoses and cables				00 02 11 19	RONDO DN35 – 13.3 m	
					20 45 69 29	Remote control cable with switch – 25 m	
4	Agitator				20 11 80 00	ROTOMIX R-pump	
					00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	





Finishing coat, mineral

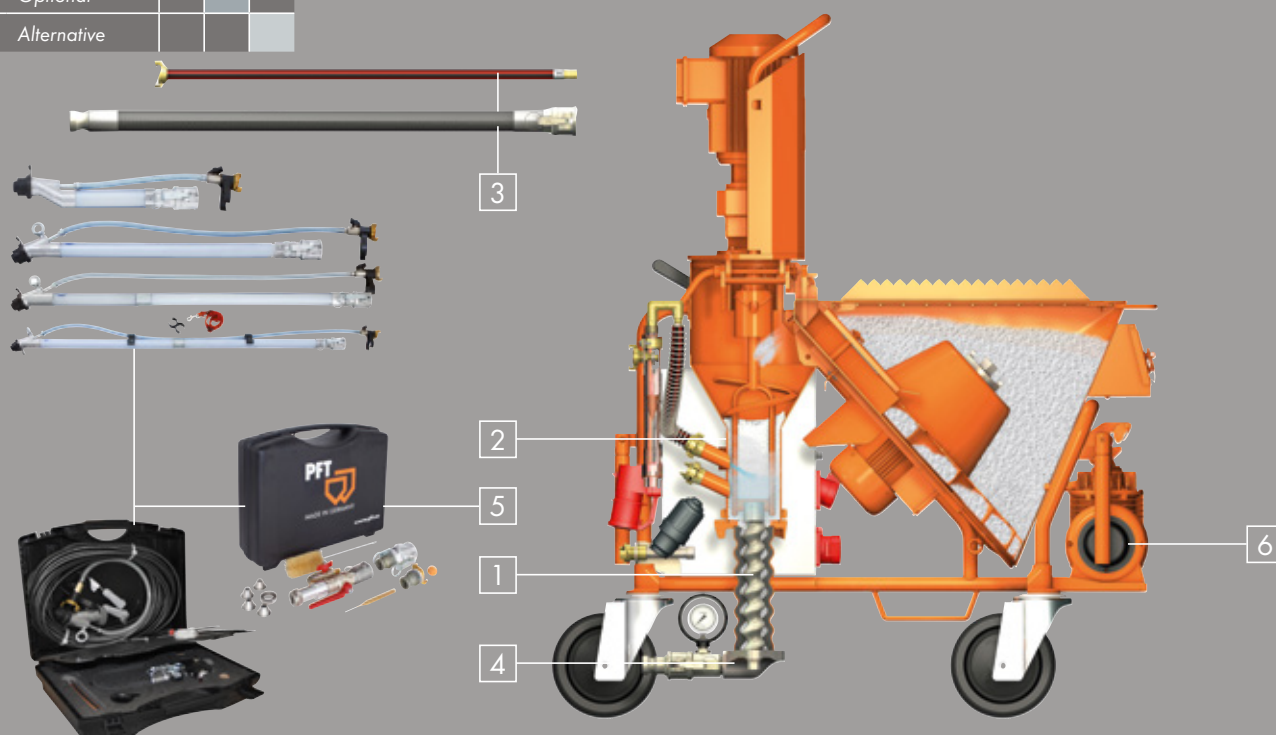
G 4

G 4 FC-230/400V (400 V)

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 26 06 21 G 4 FC-230/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description		
1	Pump				20 11 43 10	Rotor D 4–3		
					00 01 05 43	Stator TWISTER D 4–3 PIN		
					20 11 49 30	Rotor D 3–4		
					20 11 61 00	Stator D 3–4		
					00 52 60 14	Clamp D-pump 270 mm		
2	Mixing shaft				00 54 12 62	BIONIK G 4 machine plaster		
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m		
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro and spraying gun finishing coat</i>		H4
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>		H4
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>		H4
5	Spraying gun				00 23 21 06	Spraying set for finishing coat		
					00 41 89 75	JETSET pro DN25 Ewo		H4
6	Compressor				00 23 31 74	COMP P-400, 230 V, 3 Ph, 50 Hz		
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz		
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>		
Standard								
Optional								
Alternative								










Insulating plaster

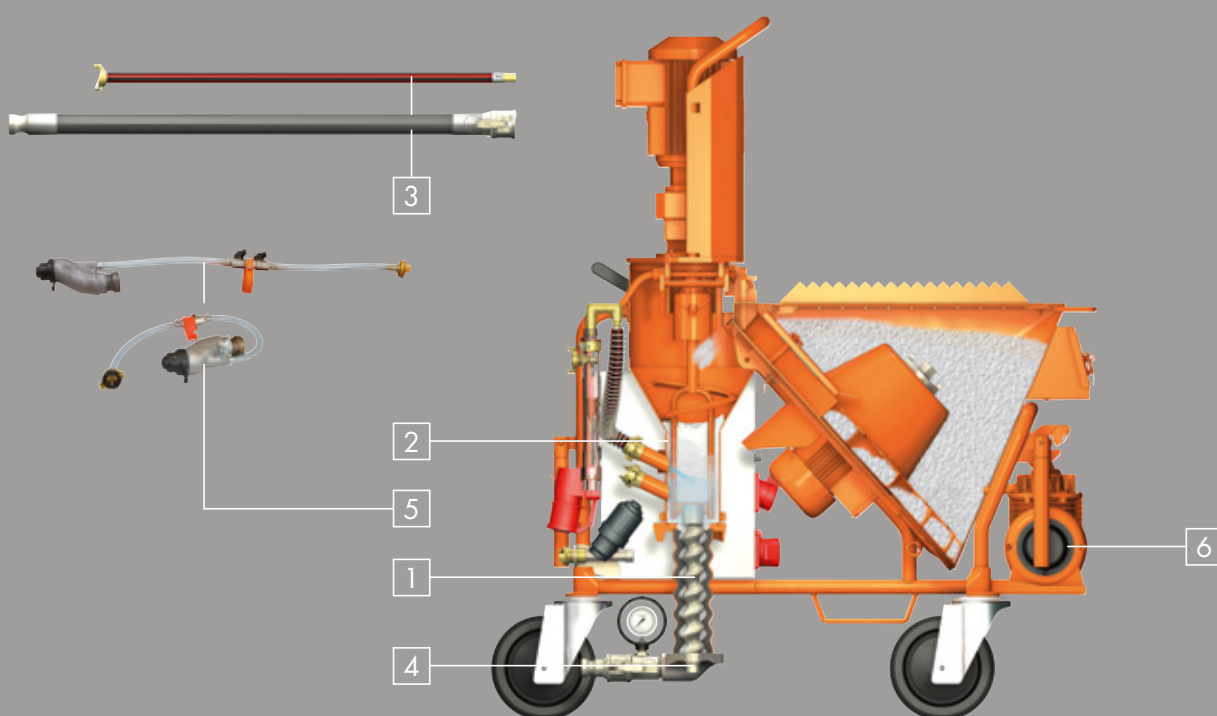
G 4

G 4 FC-230V/400V (400 V)

Part no. 00 40 21 68 G 4 with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 26 06 21 G 4 FC-230V/400V (400 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 20	Rotor D 8-1.5 with tang	
					00 01 09 05	Stator TWISTER D 8-1.5 PIN	
2	Mixing shaft				00 54 06 80	BIONIK G 4 insulating plaster	
3	Hoses and cables				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
4	Agitator				20 11 84 00	ROTOQUIRL D-pump	
					20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24	
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part	
5	Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
					00 00 69 28	DN35 S14	
6	Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	
7	Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	
Standard							
Optional							
Alternative							




G 4 FC-230V






Part no.	Description
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00 26 81 43	G 4 FC-230V with pressure booster pump ¹⁾  230 V, 1 Ph, 50 Hz, 4 kW
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00 40 21 18	G 4 FC-230V without pressure booster pump  230 V, 1 Ph, 50 Hz, 5.5 kW
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Basic equipment

- Pump drive 5.5 kW, 400 rpm
Note: Only for the "G 4 FC-230V without pressure booster pump" version
- Pump drive 4 kW, 400 rpm
Note: Only for the "G 4 FC-230V with pressure booster pump" version
- Star wheel drive 0.3 kW, 12 rpm – output*: 35 l/min
- Material hopper, capacity 145 litres ~ 5 sacks**
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN25 male part with mortar pressure gauge
- Pressure flange pro improved material flow, extends the rotor/stator life
- Suction and pressure flanges supports the use of D-pump
- Mixing shaft BIONIK G 4 machine plaster
- Switches and connectors are inside the basic design
- Connections at the control box:   
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection Geka DN19 (3/4") – required operating pressure 2.5 bar
- Reinforced tubular frame and robust wheel mount
- Forklift straps and crane lifting eyes
- Reduced initial current
Note: Only for the "G 4 FC-230V with pressure booster pump" version
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Flexible mixing intensity thanks to two water inlets
- Trouble-free operation thanks to large water fine filter with low mesh size



G 4 FC-230V

Extended scope of delivery

- Water pump as pressure booster pump AVO 500,  230 V, 1 Ph, 50 Hz, 0.37 kW ¹⁾
- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part | female part – 10 m
- Air hose DN12 (1/2") Ewo | Geka – 11 m
- Cleaning piece for cleaning the material hose DN25 male part | Geka
- Spraying gun smartline DN25 F14 200 Geka
- Air compressor COMP P-200, 230 V, 1 Ph, 50 Hz,  0.5 kW, 200 l/min with pressure control
- Connection cable 3 x 4 mm², BLU 3-32 A – 25 m
- Adapter cable BLU 3-32 A | BLU 2-16 A – 1 m

Output – pump unit

- Rotor SD 6–3 slimline / Stator SD 6–3 slimline
- Pump capacity*: max. 20 l/min, 25 bar, up to 15 m conveying distance in DN25



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

¹⁾ The information refers to the part no. with ¹⁾

Recommended accessories / Equipment for

Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render ≤ 3 mm
Loam plaster, dry

G 4 FC-230V
G 4 FC-230/400V (230V)

Part no. 00 26 81 43 G 4 FC-230V with pressure booster pump 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 26 06 21 G 4 FC-230/400V (230 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 40 62 88	Rotor SD 6–3 slimline	
					00 40 62 89	Stator SD 6–3 slimline	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 21 10 91	smartline DN25 F14 200 Geka	
					00 20 64 40	DN25-360° S14 600-30° Geka	
					00 24 70 18	DN25-360° S14 900-30° Geka	
					00 24 70 22	DN25-360° S14 1200-30° Geka	
6	Compressor				00 19 62 21	COMP P-200, 230V, 1 Ph, 50 Hz 	

Light plaster

Part no. 00 26 81 43 G 4 FC-230V with pressure booster pump 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 26 06 21 G 4 FC-230/400V (230 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW






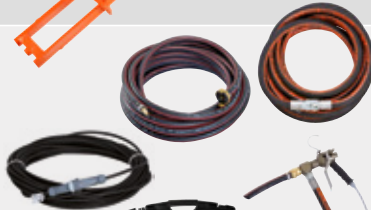

Areas		S	O	A	Part no.	Description	
1	Pump				00 40 62 88	Rotor SD 6–3 slimline	
					00 40 62 89	Stator SD 6–3 slimline	
2	Mixing shaft				00 54 03 90	BIONIK G 4 light plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 21 10 91	smartline DN25 F14 200 Geka	
					00 20 64 40	DN25-360° S14 600-30° Geka	
					00 24 70 18	DN25-360° S14 900-30° Geka	
					00 24 70 22	DN25-360° S14 1200-30° Geka	
6	Compressor				00 19 62 21	COMP P-200, 230V, 1 Ph, 50 Hz 	

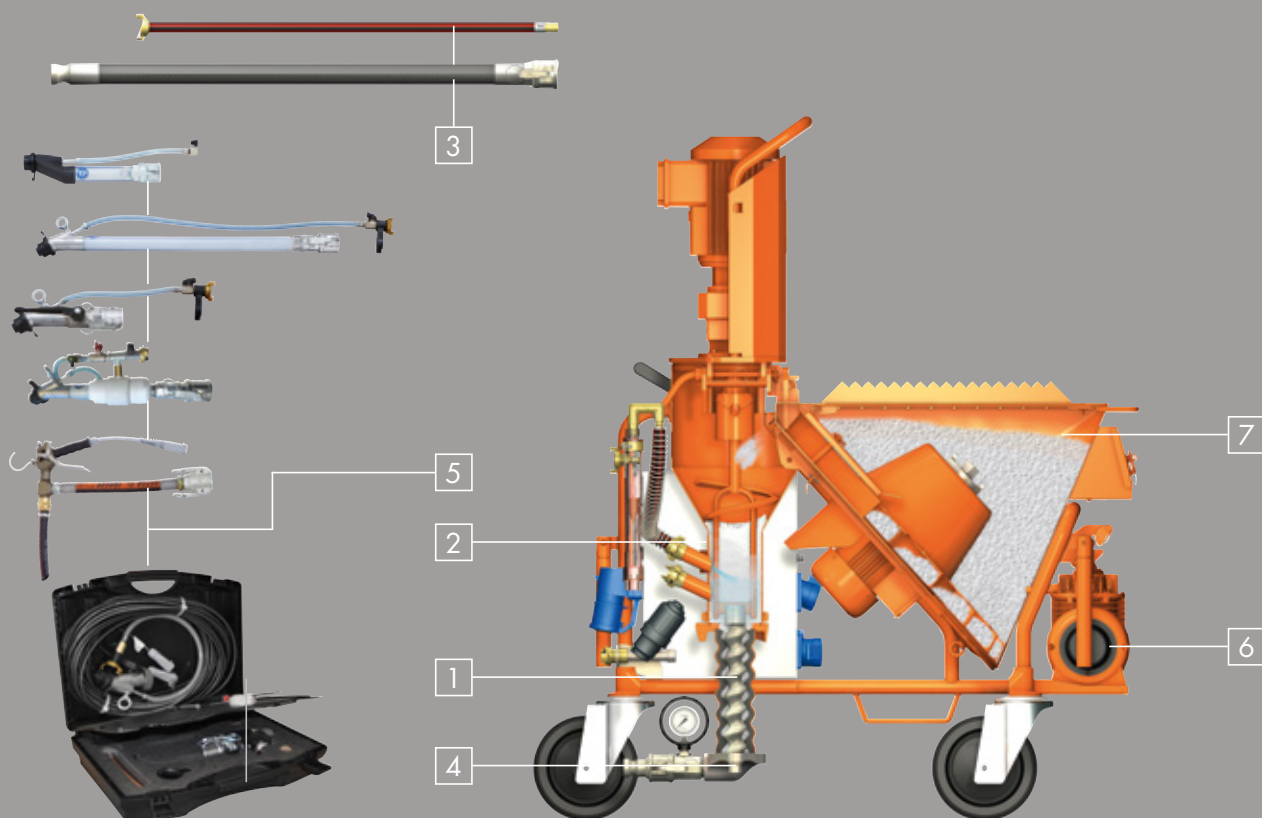
Adhesive mortar

G 4 FC-230V
G 4 FC-230/400V (230V)

Part no. 00 26 81 43 G 4 FC-230V with pressure booster pump 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 26 06 21 G 4 FC-230/400V (230 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 40 62 88	Rotor SD 6–3 slimline	  
					00 40 62 89	Stator SD 6–3 slimline	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	 
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
					20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	
					00 41 89 75	JETSET pro DN25 Ewo	
					00 04 62 26	Squeeze valve DN25 S14 30° Geka	
					00 00 13 99	Ball valve DN25 S14 100-30° Geka	
Standard							
Optional							
Alternative							








Reinforcement mortar

G 4 FC-230V

G 4 FC-230/400V (230V)

Part no. 00 26 81 43 G 4 FC-230V with pressure booster pump 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 26 06 21 G 4 FC-230/400V (230 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

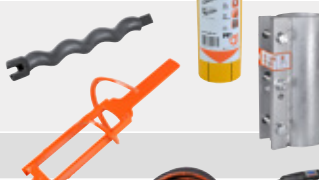


Areas		S	O	A	Part no.	Description	
1	Pump				00 40 62 88	Rotor SD 6–3 slimline	
					00 40 62 89	Stator SD 6–3 slimline	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m <i>Recommended for spraying gun decorative plaster</i>	
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>	
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>	
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>	
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>	
					00 41 89 75	JETSET pro DN25 Ewo	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	

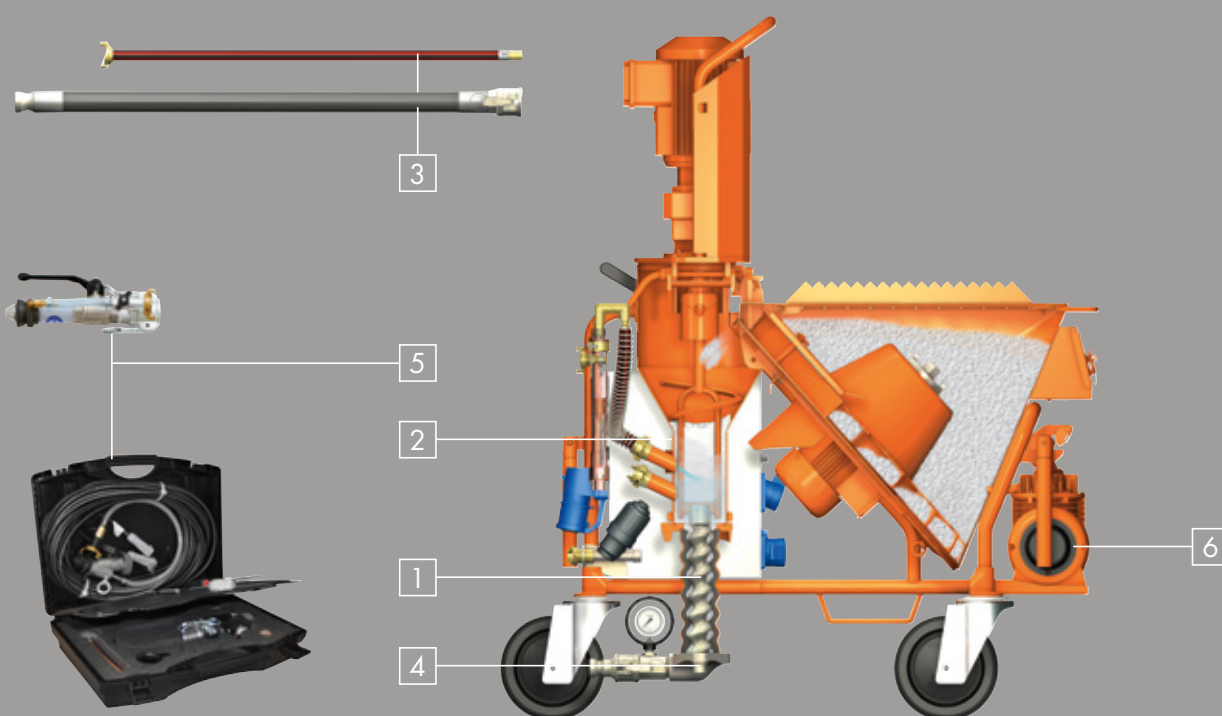
Floor filler Thin screed

G 4 FC-230V
G 4 FC-230/400V (230V)

Part no. 00 26 81 43 G 4 FC-230V with pressure booster pump 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 26 06 21 G 4 FC-230/400V (230 V) with pressure booster pump 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 20	Rotor D 8-1.5 with tang	
				20 11 64 00	Stator D 8-1.5	
				00 52 60 14	Clamp D-pump 270 mm	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 - 10 m	
				20 45 69 16	Remote control cable with switch - 50 m on cable reel	
4 Agitator				20 11 80 00	ROTOMIX D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
Standard						
Optional						
Alternative						



G 4 FC-230/400V



Part no. Description

00 26 06 21 G 4 FC-230/400V with pressure booster pump ¹⁾
230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

RED
5-32

00 42 34 08 G 4 FC-230/400V without pressure booster pump
230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

RED
5-32

Basic equipment

- Pump drive 5.5 kW, 400 rpm
- Star wheel drive 0.3 kW, 12 rpm – output*: 35 l/min
- Material hopper, capacity 145 litres ~ 5 sacks**
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN35 female part with mortar pressure gauge
- Pressure flange pro
improved material flow, extends the rotor/stator life
- Rubber mixing zone, for easy cleaning, with adaptable flange for D- and R-pump
- Note: Scope of delivery: Suction and pressure flange for D-pump
- Mixing shaft BIONIK G 4 machine plaster
- Switches and connectors are inside the basic design
- Connections in the control box: GRE 2-16 H4 BLU 2-16
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection Geka DN19 (3/4") – required operating pressure 2.5 bar
- Reinforced tubular frame and robust wheel mount
- Forklift straps and crane lifting eyes
- Deflector plate on motor – prevents whirling currents in the container
- Flexible mixing intensity thanks to two water inlets
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Note: Only in 230 V operation
- Powerful and reliable operation via standard power socket
- Trouble-free operation thanks to large water fine filter with low mesh size



G 4 FC-230/400V

Extended scope of delivery

- Water pump as pressure booster pump AVO 500, 230 V, 1 Ph, 50 Hz, 0.37 kW ¹⁾ GRE 2-16
- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part | female part – 10 m
- Air hose DN12 (1/2") Ewo | Geka – 11 m
- Cleaning piece for cleaning the material hose DN35 female part | Geka
- Adapter coupling DN35 male part | DN25 male part
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min with pressure control BLU 2-16
- Adapter cable RED 5-32 A | BLU 2-16 A – 1 m

Output – pump unit

- Rotor SD 6–3 slimline / Stator SD 6–3 slimline
- Pump capacity*: max. 20 l/min, 25 bar,
230 Volt, up to 15 m conveying distance in DN25
400 Volt, up to 30 m conveying distance in DN35
400 Volt, up to 50 m conveying distance in DN25





Part no. Description

00 41 41 71 G 4 super with pressure booster pump

400 V, 3 Ph, 50 Hz, 5.5 kW



Basic equipment

- Pump drive 5.5 kW, 400 rpm
- Star wheel drive 0.75 kW, 28 rpm – output*: 85 l/min
- Material hopper, capacity 145 litres ~ 5 sacks**
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN35 female part with mortar pressure gauge
- Pressure flange pro improved material flow, extends the rotor/stator life
- Rubber mixing zone, for easy cleaning, with adaptable flange for D- and R-pump
- Note: Scope of delivery: Suction and pressure flange for D-pump
- Mixing shaft BIONIK G 4 machine applied plaster
- Switches and connectors are inside the basic design
- Connections in the control box:
 - BLA 4-16
 - H4
 - RED 5.15
 - BLU 2-16
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection Geka DN19 (3/4") – required operating pressure 2.5 bar
- Reinforced tubular frame and robust wheel mount
- Forklift straps and crane lifting eyes
- Deflector plate on motor – prevents whirling currents in the container
- Flexible mixing intensity thanks to two water inlets
- Run-empty safeguard in material hopper prevents running empty
- Trouble-free operation thanks to large water fine filter with low mesh size



G 4 super

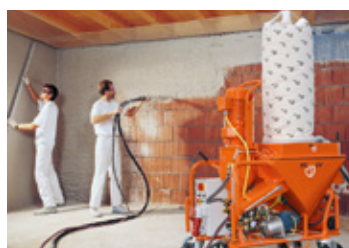
Extended scope of delivery

- Water pump as pressure booster pump AV 1000, 400 V, 3 Ph, 50 Hz, 0.6 kW
- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part I female part – 15 m
- Air hose DN12 (1/2") Ewo I Geka – 15 m
- Cleaning piece for cleaning the material hose DN35 female part I Geka
- Adapter coupling DN35 male part I DN25 male part
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min with pressure control



Output – pump unit

- Rotor D 6–3 / Stator TWISTER D 6–3
- Pump capacity*: max. 20 l/min, 30 bar, up to 30 m conveying distance in DN25 up to 50 m conveying distance in DN35





* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative



** Sack content 30 kg

¹⁾ The information refers to the part no. with ¹⁾

Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render < 3 mm














Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 23 79 08	Rotor D 6-3
					00 00 88 62	Stator TWISTER D 6-3
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m
					20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka
					00 20 64 40	DN25-360° S14 600-30° Geka
					00 24 70 18	DN25-360° S14 900-30° Geka
					00 24 70 22	DN25-360° S14 1200-30° Geka
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 

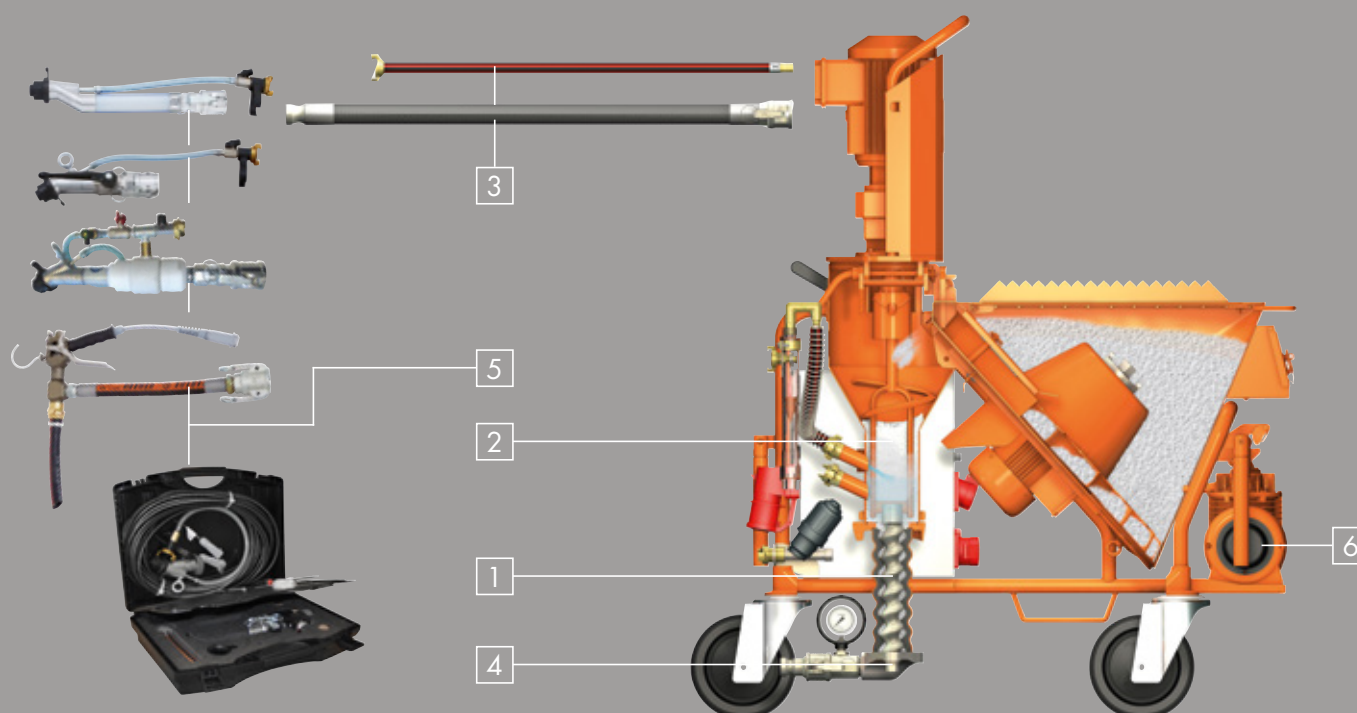
Light plaster

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 23 79 08	Rotor D 6-3
					00 00 88 62	Stator TWISTER D 6-3
2	Mixing shaft				00 54 03 90	BIONIK G 4 light plaster
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m
					20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka
					00 20 64 40	DN25-360° S14 600-30° Geka
					00 24 70 18	DN25-360° S14 900-30° Geka
					00 24 70 22	DN25-360° S14 1200-30° Geka
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 

Adhesive mortar Grouting mortar

G 4 super

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW								
Areas		S	O	A	Part no.	Description		
1	Pump				20 11 43 20	Rotor D 4-3 with tang	 	
					00 01 05 43	Stator TWISTER D 4-3 PIN		
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster		
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m	  	
					20 21 13 00	Air hose DN12 (1/2") Ewo Geka – 15 m		
					20 45 69 31	Remote control cable extension – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>		H 4
4	Agitator				20 11 84 00	ROTOQUIRL D-pump	  	
					20 11 80 00	ROTOMIX D-pump		
					00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part		
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	   	
					00 41 89 75	JETSET pro DN25 Ewo		H 4
					00 04 62 26	Squeeze valve DN25 S14 30° Geka with free-blow function		
					00 00 13 99	Ball valve DN25 S14 100-30° Geka		
Standard								
Optional								
Alternative								



Reinforcement mortar

G 4 super



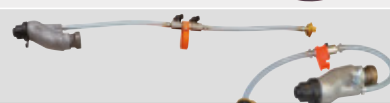



Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				20 11 43 20	Rotor D 4-3 with tang
					00 01 05 43	Stator TWISTER D 4-3 PIN
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m
					20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m <i>Recommended for spraying gun decorative plaster</i>
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for spraying gun decorative plaster</i>
4	Agitator				20 11 84 00	ROTOQUIRL D-pump
					20 11 80 00	ROTOMIX D-pump
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
					00 41 89 75	JETSET pro DN25 Ewo
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>

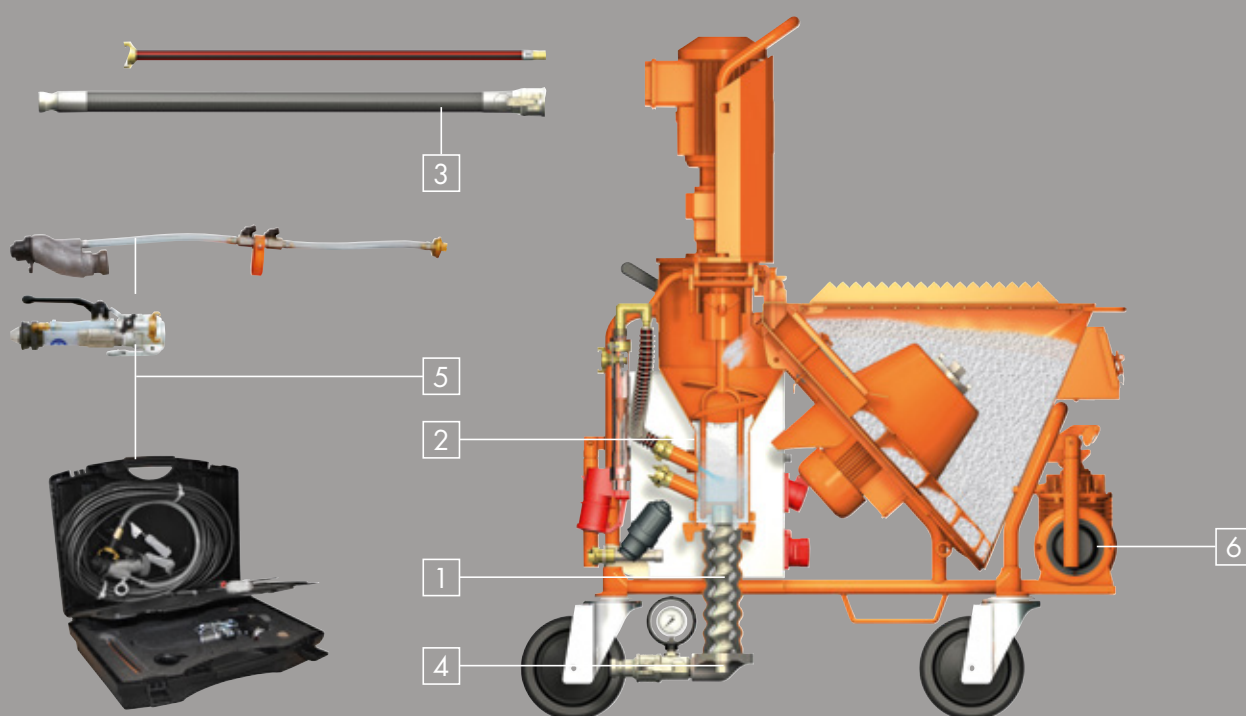
Lime-cement render > 3 mm

Scratch coat

G 4 super





Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 00	Rotor D 8–1.5	
					20 11 64 00	Stator D 8–1.5	
					00 52 60 14	Clamp D-pump 270 mm	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
5	Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
					00 00 69 28	DN35 S14 Geka	
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	
Standard							
Optional							
Alternative							



Finishing coat, mineral

G 4 super





Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 43 10	Rotor D 4-3	
				00 01 05 43	Stator TWISTER D 4-3 PIN	
				20 11 49 30	Rotor D 3-4	
				20 11 61 00	Stator D 3-4	
				00 52 60 14	Clamp D-pump 270 mm	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 01	RONDO DN25 – 15 m	
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro and spraying gun finishing coat</i>	
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>	
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>	
5 Spraying gun				00 23 21 06	Spraying set for finishing coat	
				00 41 89 75	JETSET pro DN25 Ewo	
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
				00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz	
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	

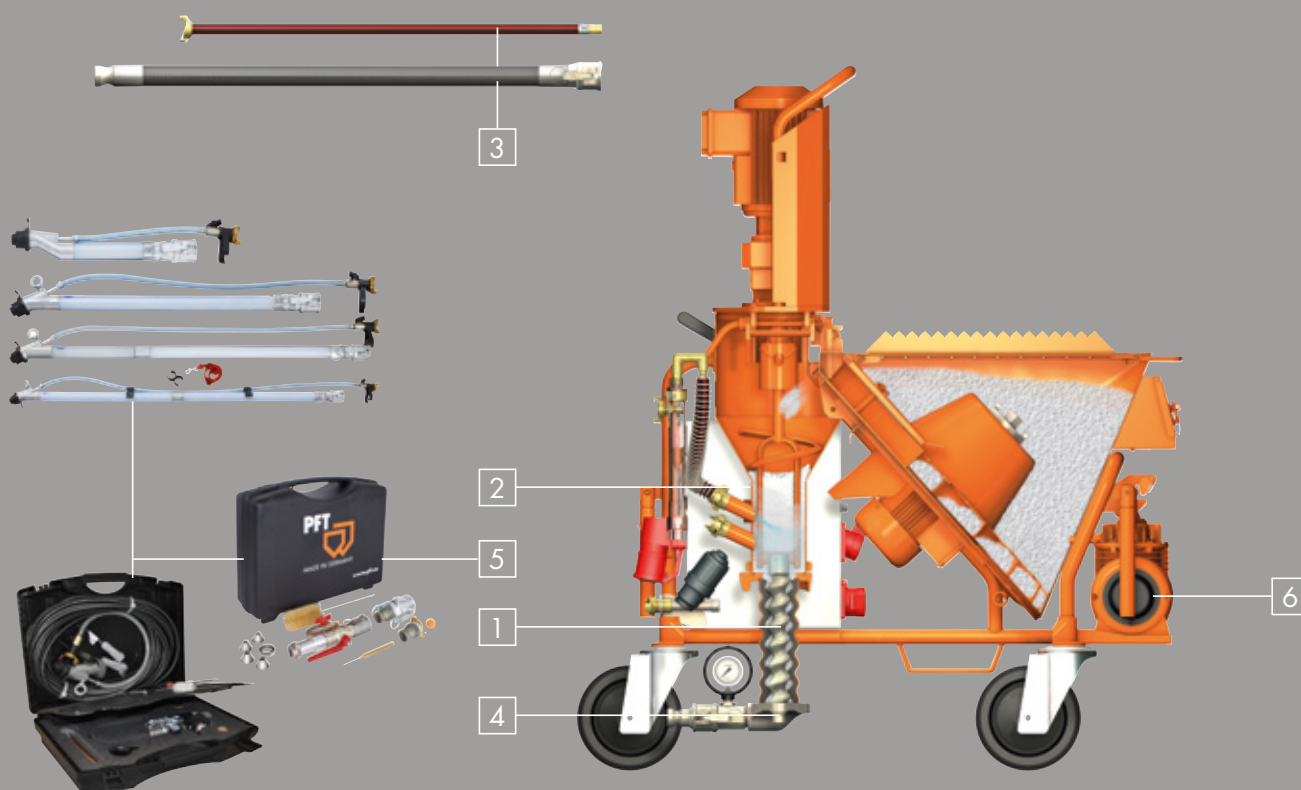
Loam plaster, dry

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				00 00 88 62	Stator TWISTER D 6-3	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz	

Masonry mortar






G 4 super

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 50	Rotor R 7–2.5 with tang	
				20 11 63 50	Stator R 7–2.5	
				20 11 78 00	Clamp R-pump 270 mm	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
				00 19 52 43	Suction flange R-pump	
3 Hoses and cables				00 02 11 19	RONDO DN35 – 13.3 m	
				20 45 69 29	Remote control cable with switch – 25 m H 4	
4 Agitator				20 11 80 50	ROTOMIX R-pump	
				20 20 07 95	Adapter coupling DN35 male part I 1 1/4" internal thread	
				00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part	
Standard						
Optional						
Alternative						



Floor screed 60 l/min | 85 l/min


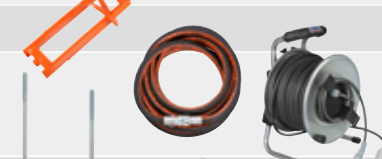

G 4 super

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 10	Rotor R 7-1.5 with tang	
				20 11 62 00	Stator R 7-1.5	
				20 11 48 60	Rotor R 8-1.5 with tang	
				20 11 62 20	Stator R 8-1.5 <i>Note: for more output - floor screed 85 l/min</i>	
				20 11 78 00	Clamp R-pump 270 mm	
2 Mixing shaft				00 54 12 62	BIONIK G 4 floor screed	
				00 19 52 43	Suction flange R-pump	
3 Hoses and cables				00 02 12 73	RONDO DN35 pouring hose – 20 m	
				00 02 11 19	RONDO DN35 – 13.3 m	
				00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
				00 42 51 71	Water connection G 4 with flow meter 250 – 2,500 l/h	
				20 45 69 16	Remote control cable with switch – 50 m on cable reel	
4 Agitator				20 11 80 50	ROTOMIX R-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
7 Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	

Floor fillers




Thin screed

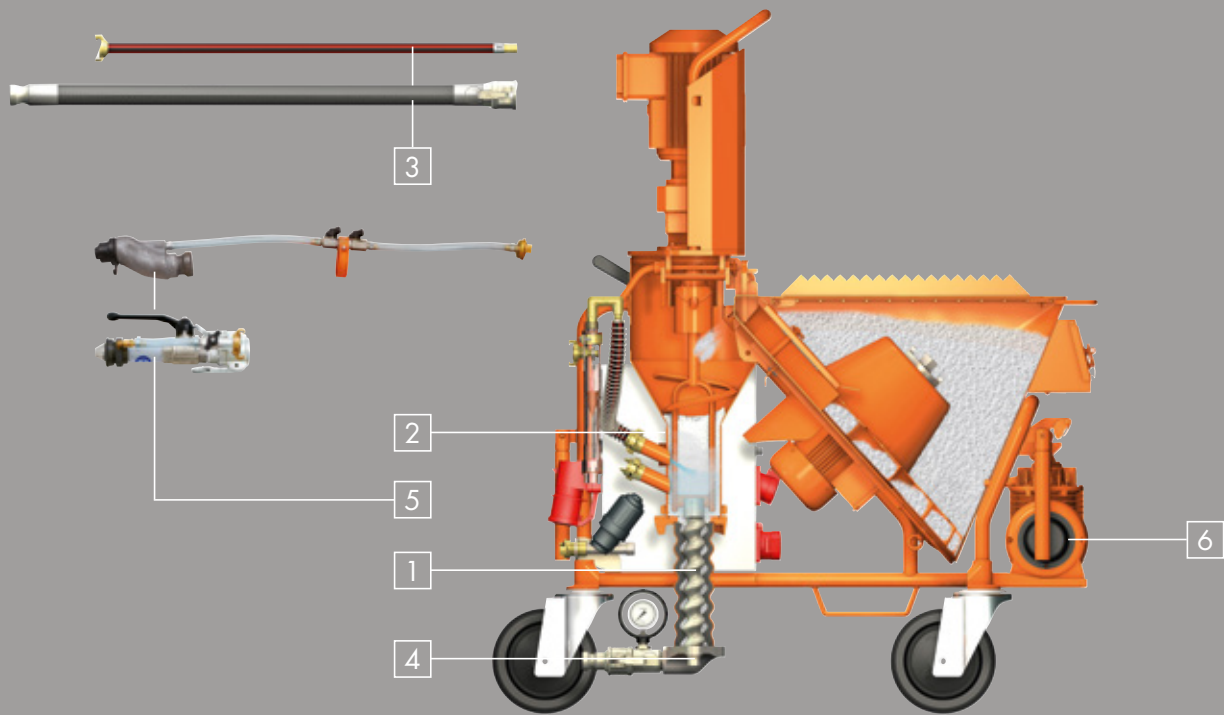
Floor screed 35 l/min

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 20	Rotor D 8-1.5 with tang	
				00 01 09 05	Stator TWISTER D 8-1.5 PIN	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 45 69 16	Remote control cable with switch – 50 m on cable reel	
4 Agitator				20 11 80 00	ROTOMIX D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	

Insulating plaster

G 4 super

Part no. 00 41 41 71 G 4 super with pressure booster pump 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 20	Rotor D 8–1.5 with tang	
				00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2 Mixing shaft				00 54 06 80	BIONIK G 4 insulating plaster	
3 Hoses and cables				00 02 11 04	RONDO DN35 – 10 m	
				20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m	
4 Agitator				20 11 84 00	ROTOQUIRL D-pump	
				20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24	
				00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part	
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
				00 00 69 28	DN35 S14	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	
7 Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	
Standard						
Optional						
Alternative						





Part no. Description





00 40 67 95

G 4 XL with pressure booster pump

400 V, 3 Ph, 50 Hz, 7.5 kW





Basic equipment

- Pump drive 7.5 kW, 400 rpm
- Star wheel drive 0.75 kW, 28 rpm – output*: 85 l/min
- Material hopper, capacity 145 litres ~ 5 sacks**
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN35 female part with mortar pressure gauge
- Pressure flange pro improved material flow, extends the rotor/stator life
- Rubber mixing zone, for easy cleaning, with adaptable flange for D- and R-pump
- Note: Scope of delivery: Suction and pressure flange for D-pump
- Mixing shaft BIONIK G 4 machine plaster
- Switches and connectors are inside the basic design
- Connections in the control box:    
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection Geka DN19 (3/4") – required operating pressure 2.5 bar
- Reinforced tubular frame and robust wheel mount
- Forklift straps and crane lifting eyes
- Deflector plate on motor – prevents whirling currents in the container
- Flexible mixing intensity thanks to two water inlets
- Run-empty safeguard in material hopper prevents running empty
- Trouble-free operation thanks to large water fine filter with low mesh size



G 4 XL

Extended scope of delivery

- Water pump as pressure booster pump AV 1000, 400 V, 3 Ph, 50 Hz, 0.6 kW 
- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part | female part – 15 m
- Air hose DN12 (1/2") Ewo | Geka – 15 m
- Cleaning piece for cleaning the material hose DN35 female part | Geka
- Adapter coupling DN35 male part | DN25 male part
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min with pressure control 

Output – pump unit

- Rotor D 6–4 / Stator D 6–4
- Pump capacity*: max. 20 l/min, 40 bar, up to 40 m conveying distance in DN25 up to 65 m conveying distance in DN35


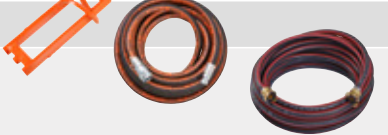
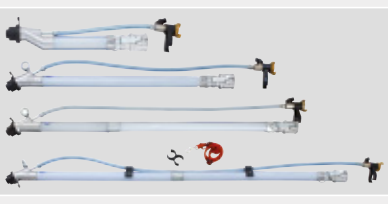





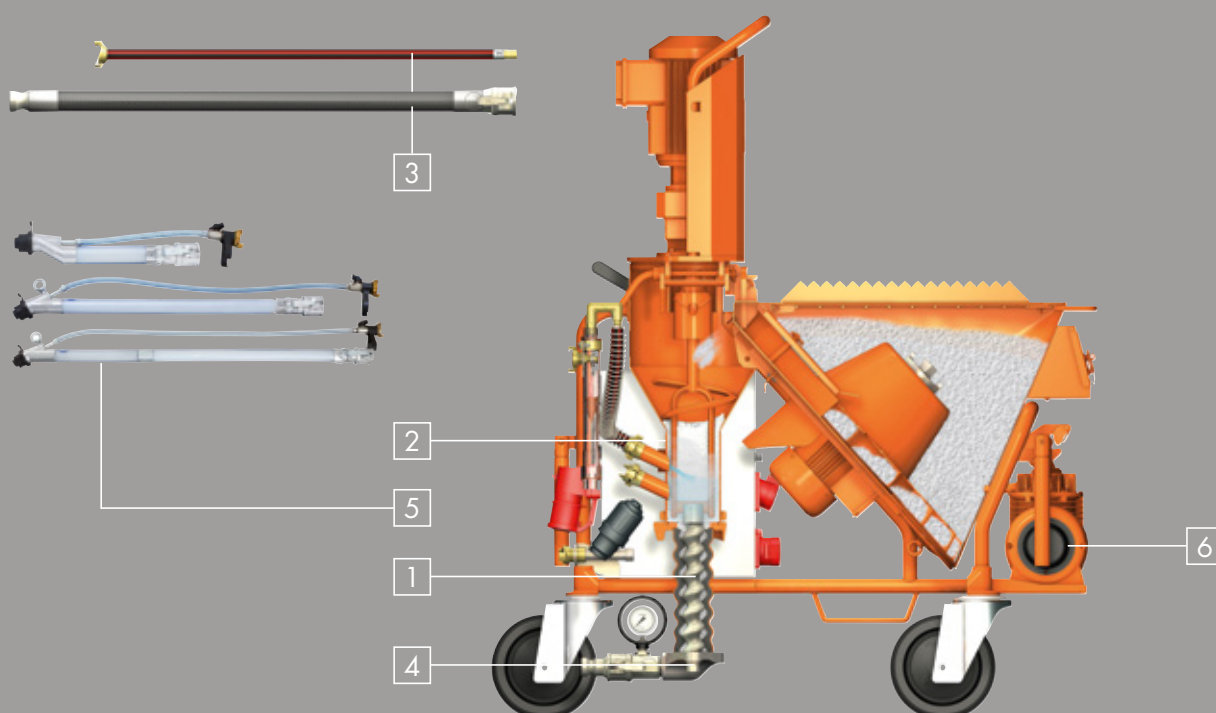
* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render < 3 mm

G 4 XL



Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 74	Rotor D 6-4	
				00 54 22 75	Stator D 6-4 mf PIN	
				00 23 79 08	Rotor D 6-3	
				00 00 78 99	Stator TWISTER D 6-3 PIN	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 01	RONDO DN25 - 15 m	
				20 21 13 00	Air hose DN12 (1/2\") Ewo I Geka - 15 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	
Standard						
Optional						
Alternative						



Adhesive mortar Grouting mortar

G 4 XL

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 43 20	Rotor D 4-3 with tang	
					00 01 05 43	Stator TWISTER D 4-3 PIN	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m	
					20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m	
					20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
4	Agitator				20 11 84 00	ROTOQUIRL D-pump	
					20 11 80 00	ROTOMIX D-pump	
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	
					00 41 89 75	JETSET pro DN25 Ewo	

Light plaster

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 23 79 08	Rotor D 6-3	
					00 00 78 99	Stator TWISTER D 6-3 PIN	
2	Mixing shaft				00 54 03 90	BIONIK G 4 light plaster	
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m	
					20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m	
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
					00 20 64 40	DN25-360° S14 600-30° Geka	
					00 24 70 18	DN25-360° S14 900-30° Geka	
					00 24 70 22	DN25-360° S14 1200-30° Geka	
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz	

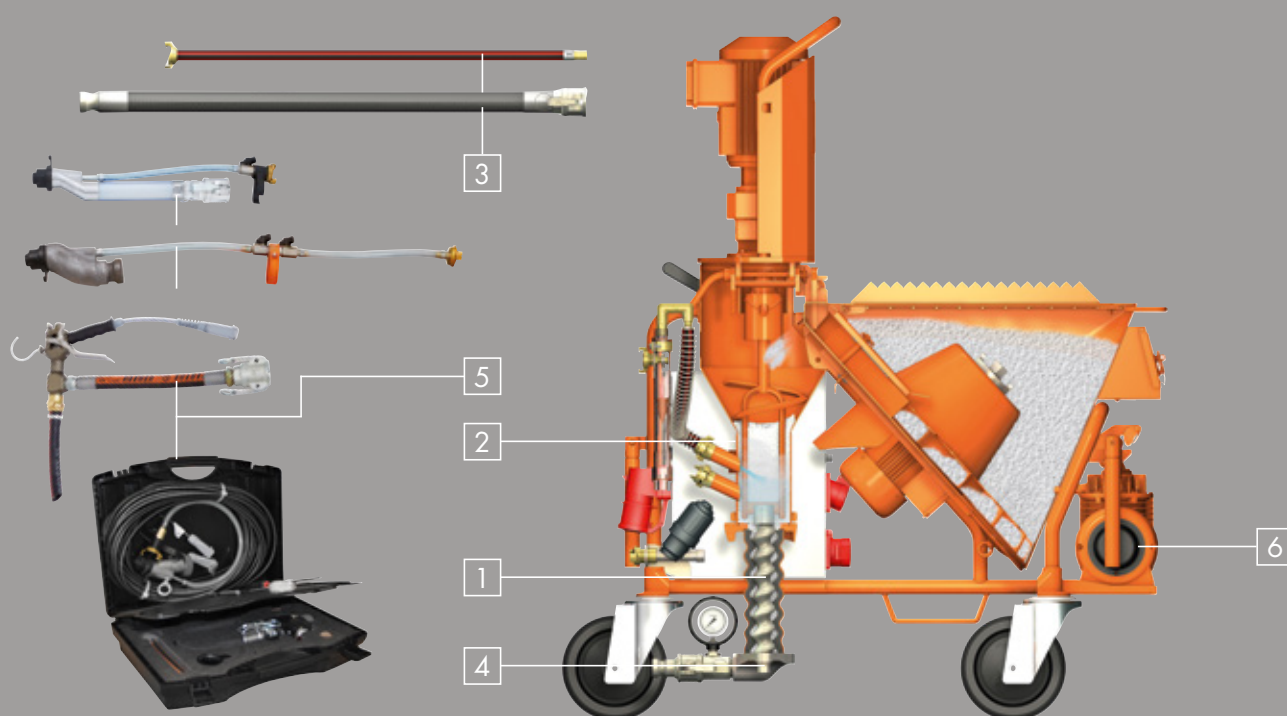
Lime-cement render > 3 mm

Scratch coat

G 4 XL

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 00	Rotor D 8–1.5	
					20 11 64 00	Stator D 8–1.5	
					00 52 60 14	Clamp D-pump 270 mm	
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3	Hoses and cables				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
					00 00 69 28	DN35 S14 Geka	
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	
					00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz	
Standard							
Optional							
Alternative							



Reinforcement mortar

G 4 XL

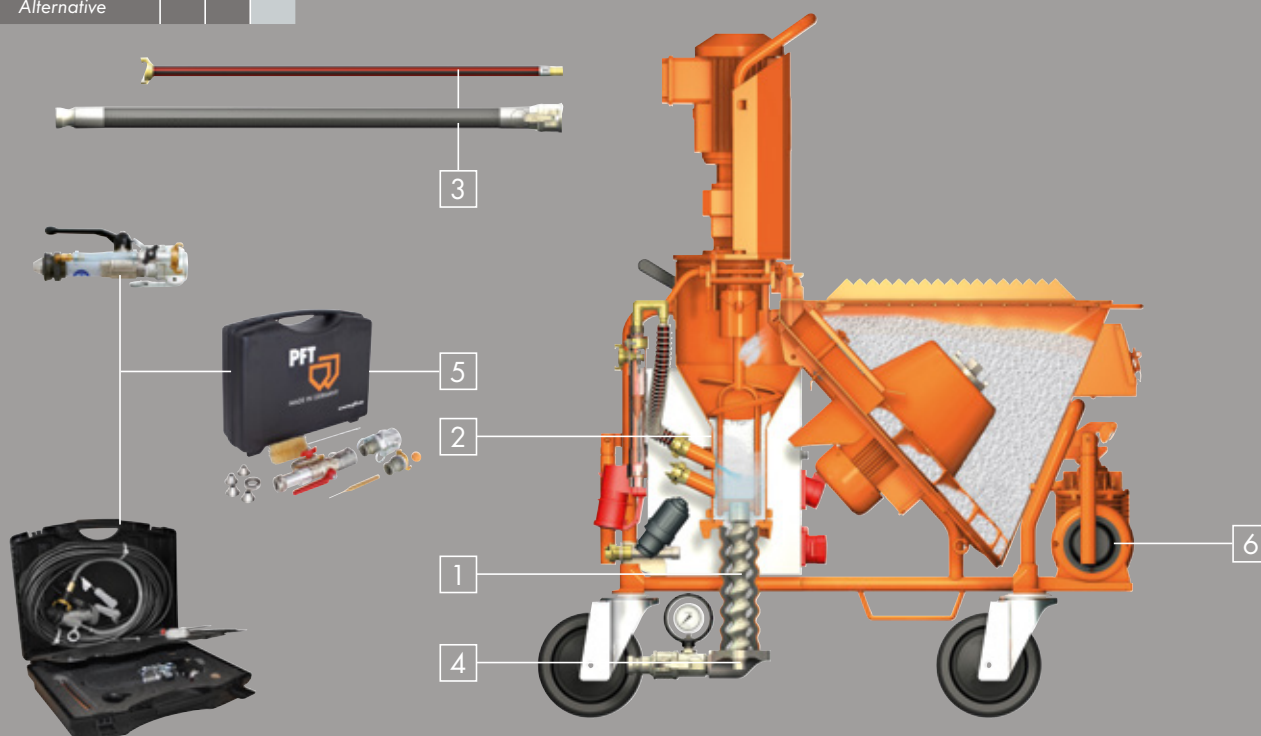
Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				20 11 43 20	Rotor D 4-3 with tang
					00 01 05 43	Stator TWISTER D 4-3 PIN
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m
					20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m <i>Recommended for spraying gun decorative plaster</i>
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
4	Agitator				20 11 84 00	ROTOQUIRL D-pump
					20 11 80 00	ROTOMIX D-pump
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
					00 41 89 75	JETSET pro DN25 Ewo
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>

Finishing coat, mineral

G 4 XL










Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas		S	O	A	Part no.	Description		
1	Pump				20 11 43 10	Rotor D 4–3		
					00 01 05 43	Stator TWISTER D 4–3 PIN		
					20 11 49 30	Rotor D 3–4		
					20 11 61 00	Stator D 3–4		
					00 52 60 14	Clamp D-pump 270 mm		
2	Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster		
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m		
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro and spraying gun finishing coat</i>		
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>		H4
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>		H4
5	Spraying gun				00 23 21 06	Spraying set for finishing coat		
					00 41 89 75	JETSET pro DN25 Ewo		
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz		
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz		
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>		
Standard								
Optional								
Alternative								











Insulating plaster

G 4 XL

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 20	Rotor D 8–1.5 with tang	
				00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2 Mixing shaft				00 54 06 80	BIONIK G 4 insulating plaster	
3 Hoses and cables				00 02 11 04	RONDO DN35 – 10 m	
				20 21 13 00	Air hose DN12 (1/2") Ewo I Geka – 15 m	
4 Agitator				20 11 84 00	ROTOQUIRL D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part	
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
				00 00 69 28	DN35 S14	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	
7 Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	


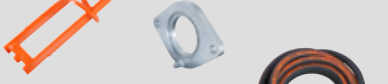

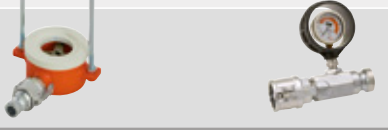
Loam plaster, dry

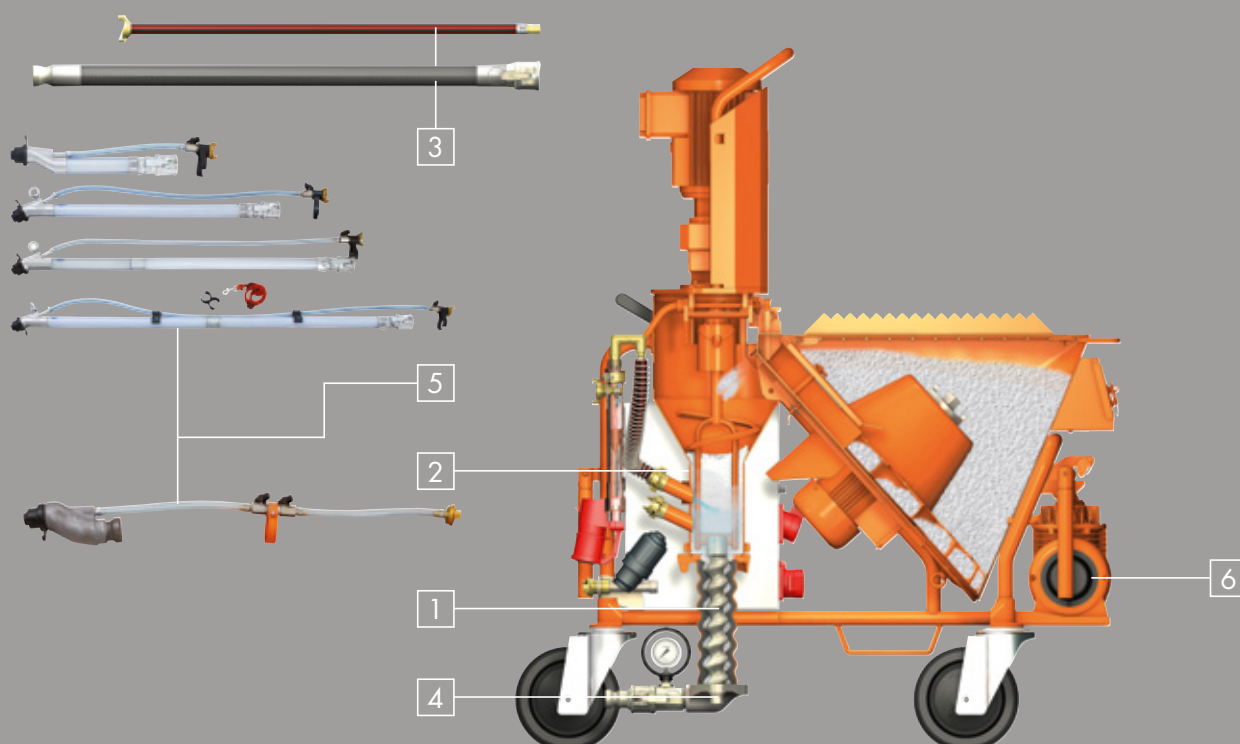
Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 74	Rotor D 6–4	
				00 54 22 75	Stator D 6–4 mf PIN	
				00 23 79 08	Rotor D 6–3	
				00 00 78 99	Stator TWISTER D 6–3 PIN	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
				00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz 	

Masonry mortar

G 4 XL

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 50	Rotor R 7-2.5 with tang	
				20 11 63 50	Stator R 7-2.5	
				20 11 78 00	Clamp R-pump 270 mm	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
				00 19 52 43	Suction flange R-pump	
3 Hoses and cables				00 02 11 19	RONDO DN35 – 13.3 m	
				20 45 69 29	Remote control cable with switch – 25 m H4	
4 Agitator				20 11 80 50	ROTOMIX R-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
Standard						
Optional						
Alternative						



Floor screed 60 l/min | 85 l/min

G 4 XL

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 10	Rotor R 7–1.5 with tang	
				20 11 62 00	Stator R 7–1.5	
				20 11 48 60	Rotor R 8–1.5 with tang	
				20 11 62 20	Stator R 8–1.5 <i>Note: for more output – floor screed 85 l/min</i>	
				20 11 78 00	Clamp R-pump 270 mm	
				00 19 52 43	Suction flange R-pump	
2 Mixing shaft				00 54 12 62	BIONIK G 4 floor screed	
3 Hoses and cables				00 02 12 73	RONDO DN35 pouring hose – 20 m	
				00 02 11 19	RONDO DN35 – 13.3 m	
				00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
				00 42 51 71	Water connection G 4 with flow meter 250 – 2,500 l/h	
				20 45 69 16	Remote control cable with switch – 50 m on cable reel H 4	
4 Agitator				20 11 80 50	ROTOMIX R-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
7 Hopper				00 43 60 20	Extension hopper – 70 litre to increase the hopper volume	

Floor filler

Thin screed








Floor screed 35 l/min

Part no. 00 40 67 95 G 4 XL with pressure booster pump 400 V, 3 Ph, 50 Hz, 7.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 20	Rotor D 8–1.5 with tang	
				00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2 Mixing shaft				00 53 96 72	BIONIK G 4 machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 45 69 16	Remote control cable with switch – 50 m on cable reel H 4	
4 Agitator				20 11 80 00	ROTOMIX D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
Standard						
Optional						
Alternative						

Accessories – Start-up











Part no.	Description
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)
00 06 33 40	Extension cable 5 x 4 mm ² , BLU 5-32 A – 25 m (230 V/3 Ph)
00 06 33 41	Extension cable 5 x 4 mm ² , BLU 5-32 A – 50 m (230 V/3 Ph)
00 10 94 40	Extension cable 3 x 4 mm ² , BLU 3-32 A – 25 m (230 V/1 Ph)
<i>More information: Page 07_33</i>	
00 02 11 03	RONDO DN25 – 5 m
00 11 17 99	RONDO DN25 – 7.5 m
00 02 11 00	RONDO DN25 – 10 m
00 02 11 01	RONDO DN25 – 15 m
00 02 11 02	RONDO DN25 – 20 m
00 02 11 04	RONDO DN35 – 10 m
00 02 11 19	RONDO DN35 – 13.3 m
00 02 11 05	RONDO DN35 – 20 m
00 02 11 23	RONDO DN35 pouring hose – 13.3 m
<i>More information: From page 07_28</i>	
20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
20 21 13 00	Air hose DN12 (1/2") Geka I Geka – 15 m
<i>More information: Page 07_31</i>	

Extras

Part no.	Description
00 53 97 16	DUSTCATCHER for G 4
00 61 72 74	DUSTCATCHER for G 4 XL
<i>More information: Page 07_24</i>	
20 60 02 13	Injection hood <ul style="list-style-type: none"> • Including level sensor • Including extension for remote control cable – 25 m + 50 m 
<i>More information: Page 07_26</i>	
20 45 69 29	Remote control cable with switch – 25 m 
20 45 69 16	Remote control cable with switch – 50 m on cable reel 
20 45 69 31	Extension for remote control cable – 25 m 
<i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i>	
20 45 69 34	Extension for remote control cable – 50 m 
<i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i>	
<i>More information: Page 07_33</i>	
00 42 00 58	ZARGOMAT pro DN25-360° 
00 41 89 75	JETSET pro DN25 Ewo 
00 23 21 06	Spraying set for finishing coat
<i>More information: Page 07_22</i>	

We are constantly working on expanding and optimising our product range.
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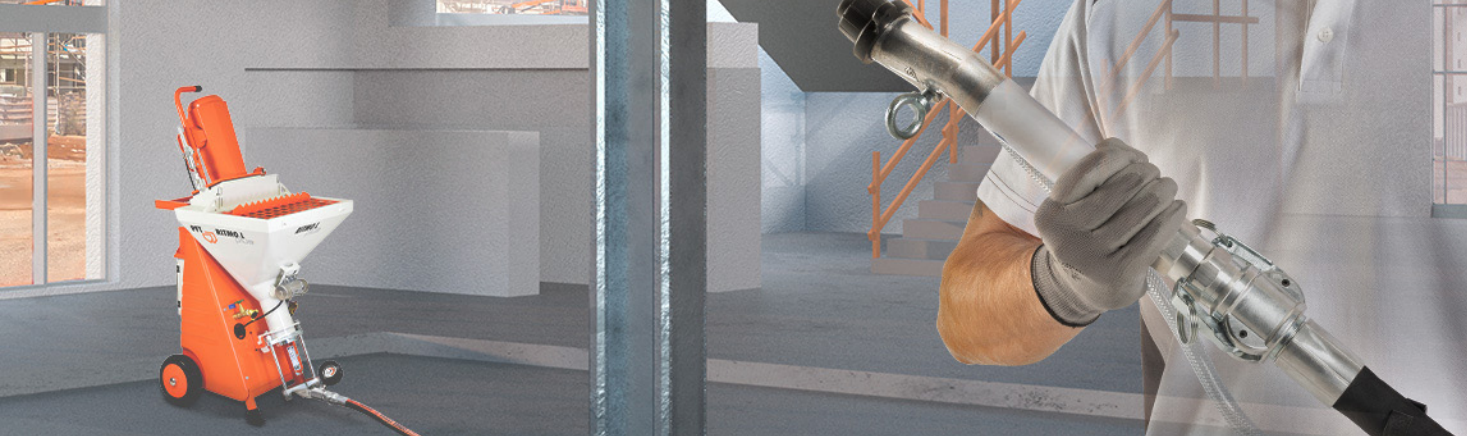
Extras

Part no.	Description	
00 49 34 81	Water pump as pressure booster pump AV 1000, 400 V, 3 Ph, 50 Hz, 0.6 kW <i>Note: For mounting on the machine</i>	
00 49 26 79	Water pump as suction pump AV 1000, 400 V, 3 Ph, 50 Hz, 0.6 kW <i>Note: Free-standing</i>	
00 49 73 68	Water pump as suction pump AV 1000, 230 V, 1 Ph, 50 Hz, 0.6 kW <i>Note: Free-standing</i>	
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>	
00 13 66 19	Suction strainer with filter screen <i>More information: Page 07_05</i>	
00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW 250 l/min – max. 4 bar with pressure switch-off	
00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW 250 l/min – max. 4 bar with pressure switch-off	
00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.52 kW 200 l/min – max. 3.4 bar with pressure switch-off	
00 68 09 23	COMP P-200, 400 V, 3 Ph, 50 Hz, 0.55 kW 200 l/min – max. 3.8 bar with pressure switch-off	
00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz, 2.2 kW 390 l/min – max. 10 bar with pressure switch-off	
00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz, 3 kW 560 l/min – max. 10 bar with pressure switch-off <i>More information: Page 07_10</i>	
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m	
20 21 57 00	Spray nozzle DN19 (3/4") Geka	
00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
20 21 68 02	Pressure tester 0 - 100 bar with DN25 female part	
20 10 43 01	Consistency checking tube DN25 female part	
20 10 43 10	Consistency checking tube DN35 male part <i>More information: From page 07_14</i>	
00 44 79 11	Conversion kit to rubber mixing tube consisting of: - Rubber mixing tube - Rubber mixing zone D-/R-pump - Suction flange D-pump	

Spare parts

Part no.	Description
Machine	
00 28 14 85	Quick closure at the motor tilt flange
00 52 14 10	Hauling bracket BIONIK, casting
00 08 90 15	Castor 230 mm
00 08 90 14	Double-stop castor 230 mm
00 23 74 84	Protective grille
Water-wearing parts	
20 18 30 00	Water flow meter 100 – 1,000 l/h
20 18 50 04	Water flow meter 150 – 1,500 l/h
20 18 50 01	Water flow meter 250 – 2,500 l/h
00 25 73 87	Strainer 3/4"
00 42 21 46	Strainer – filter screen 1" - 3/4"
00 01 96 06	Solenoid valve control panel
00 15 30 16	Pressure switch 1.9/2.2 bar
00 42 24 74	Water manifold complete
20 20 17 00	Gasket Geka coupling p.u. = 50 pcs
Grout-wearing parts - wet	
20 20 05 00	Cam lever with Circlip
20 20 06 00	Dowel pin for mortar coupling 6 x 30 p.u. = 20 pcs
00 09 90 88	Pressure gauge mixing pumps
00 46 76 69	Pressure flange pro D-pump 1 1/4" internal thread – straight with PIN (rotatable)
00 47 35 99	Pressure flange pro R-pump 1 1/4" internal thread – straight with PIN (rotatable)
00 46 76 31	PIN for pressure flange D- and R-pump
00 53 92 20	Cleaning shaft BIONIK G 4
20 10 23 20	Mixing tube cleaner for D- and R-pump
Grout-wearing parts - dry	
00 53 96 72	Mixing shaft BIONIK G 4 machine plaster
00 53 12 92	Mixing shaft BIONIK G 4 machine plaster HD
00 23 98 33	Star wheel 35 l/min I 60 l/min
00 23 88 49	Star wheel 85 l/min
20 10 11 00	Gasket material hopper
20 10 09 00	Gasket mixing tube on tilt flange
00 19 52 32	Rubber mixing tube
Air-carrying parts	
00 42 24 64	Air manifold complete
20 13 40 00	Filter set for compressor COMP M-250
00 15 33 26	Filter set for compressor COMP P-400
00 01 01 57	Silencer COMP M-250

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MIXING PUMPS

RITMOseries

- RITMO L FC-230V plus powercoat
- RITMO L FC-230V plus
- RITMO XL
- RITMO XL FC-230/400V
- ■ RITMO XL FC-230V



PFT machines are designed and adapted for a variety of applications. It's crystal clear – use the PFT rating stars for a superior overview. The more stars, the better this PFT solution is suited to the respective material.

Dry mortar (sacks or bulk)	RITMO L FC-230V plus powercoat	RITMO L FC-230V plus – B 4–2	RITMO L FC-230V plus – SD 6–3
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More information on the equipment can be found in the respective machine.

Gypsum plasters		Gypsum / Gypsum-lime plaster		★ ★ ★ ★	★ ★ ★ ★
Basic plasters	< 3 mm	Light plaster		★ ★ ★ ★	★ ★ ★ ★
		Lime-cement render		★ ★ ★ ★	★ ★ ★ ★
		Insulating plaster		★ ★ ★ ★	★ ★ ★ ★
	> 3 mm	Lime-cement render			
		Scratch coat			
Adhesive/ Reinforcing mortar, mineral-based		Adhesive mortar		★ ★ ★ ★	★ ★ ★ ★
		Reinforcement mortar		★ ★ ★ ★	★ ★ ★ ★
Multicomponent mortar for filling and pouring		Grouting mortar		★ ★ ★ ★	★ ★ ★ ★
		Grouting compound			
Finishing coat	< 3 mm	mineral-based		★ ★ ★ ★	★ ★ ★ ★
		pasty		★ ★ ★ ★	★ ★ ★ ★
Fine filler		mineral-based	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
		pasty	★ ★ ★ ★	★ ★ ★ ★	★ ★ ★ ★
Loam plaster		dry		★ ★ ★ ★	★ ★ ★ ★
		earth-moist			
Masonry mortar		Masonry mortar			
Fire retardant grout		Fire protection mortar		★ ★ ★ ★	★ ★ ★ ★
Floor application		Floor screed 35 l			
		Floor screed 60 l			
		Floor screed 85 l			
		Thin screed		★ ★ ★ ★	★ ★ ★ ★
		Floor filler		★ ★ ★ ★	★ ★ ★ ★

RITMO XL	RITMO XL FC-230/400V (230 V)	RITMO XL FC-230/400V (400 V)	RITMO XL FC-230V
★★★★	★★★☆☆	★★★★	★★★☆☆
★★★★	★★★☆☆	★★★★	★★★☆☆
★★★★	★★★☆☆	★★★★	★★★☆☆
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Description	RITMO L FC-230V plus powercoat 230 V, 1 Ph, 50 Hz	RITMO L FC-230V plus – B 4–2 230 V, 1 Ph, 50 Hz
Part no.	00 65 96 59	00 65 95 04
Application focus	Mixing pump for filling works Buckets or bagged material	Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material
Strengths and benefits	<ul style="list-style-type: none"> • Agitator • Remote control cable • Rubber mixing zone • Circumferential sealing edge for structuring accessories • External vibrator on material hopper 	<ul style="list-style-type: none"> • With Rotor/Stator B 4–2 • Rubber mixing zone • Large slot area • Circumferential sealing edge for structuring accessories • External vibrator on material hopper
Basic equipment		
Connection value Control voltage	230 V, 1 Ph, 50 Hz, 2.2 kW 42 V	230 V, 1 Ph, 50 Hz, 2.2 kW 42 V
Drive Pump motor	2.2 kW, 69 – 492 rpm	2.2 kW, 69 – 492 rpm
Mixing tube	Rubber mixing tube with adaptable flange	Rubber mixing tube with adaptable flange
Mixing shaft	BIONI K RITMO L plus powercoat mineral-based filling galvanised	BIONI K RITMO L plus machine plaster plus, D=76 mm
Grout output with mortar pressure gauge	DN13 female part	DN25 male part
Wheels	2 wheels	2 wheels
Water connection	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Operation and control	Start/Stop and continuously variable speed control	Start/Stop and continuously variable speed control Compressor: Pressure control
Dimensions		
Filling height	930 mm	930 mm
Hopper content**	45 litres ~ 1.5 sacks	45 litres ~ 1.5 sacks
Length/Width/Height	750/600/1,430 mm	750/600/1,430 mm
Total weight	123 kg	125 kg
Extended scope of delivery		
Mortar hose	RONDO DN13 – 15 m	RONDO DN25 – 5 m RONDO DN25 – 15 m
External vibrator	AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz	AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz
Water pump for pressure boosting***	not included	not included
Water flow meter	31.5 – 315 l/h	100 – 1,000 l/h
Air compressor	not included	COMP R-80, 230 V, 1 Ph, 50 Hz, 0.35 kW, 80 l/min – max. 1.8 bar with pressure switch-off
Spraying gun	powercoat DN13 VA4 1500 Ewo	DN25-360° S10 200 Ewo
Connection cable	3 x 2.5 mm², BLU 3-16 A BLU 2-16 A – 25 m	3 x 2.5 mm², BLU 3-16 A BLU 2-16 A – 25 m
Water hose/Air hose	DN9 (3/8") Ewo Ewo – 16 m	DN9 (3/8") Ewo Ewo – 5 m DN9 (3/8") Ewo Ewo – 16 m DN12 (1/2") Geka Geka – 11 m
Performance data		
Pump unit*	A 2–2.5 powercoat · 3 l/min · 25 bar	B 4–2 mf · 14 l/min · 20 bar
Conveying distance*	20 m for fillers (mineral)	40 m for fillers 20 m for plaster/grout

For more information see page







02.2_11

02.2_14

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See from page 07_07

RITMO L FC-230V plus – SD 6–3 230 V, 1 Ph, 50 Hz	RITMO L FC-230V plus – SD 6–3 soft 230 V, 1 Ph, 50 Hz
00 65 74 43	00 66 27 14
Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material	Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material
<ul style="list-style-type: none"> • With Rotor/Stator SD 6–3 slimline • Rubber mixing zone • Large slot area • Circumferential sealing edge for structuring accessories • External vibrator on material hopper 	<ul style="list-style-type: none"> • With Rotor/Stator SD 6–3 slimline soft • Rubber mixing zone • Large slot area • Circumferential sealing edge for structuring accessories • External vibrator on material hopper
230 V, 1 Ph, 50 Hz, 2.2 kW 42 V 	230 V, 1 Ph, 50 Hz, 2.2 kW 42 V 
2.2 kW, 69 – 361 rpm	2.2 kW, 69 – 361 rpm
Rubber mixing tube with adaptable flange	Rubber mixing tube with adaptable flange
BIONIK RITMO L plus machine plaster plus, D=76 mm	BIONIK RITMO L plus machine plaster plus, D=76 mm
DN25 male part	DN25 male part
2 wheels	2 wheels
Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Start/Stop and continuously variable speed control Compressor: Pressure control	Start/Stop and continuously variable speed control Compressor: Pressure control
930 mm	930 mm
45 litres ~ 1.5 sacks	45 litres ~ 1.5 sacks
750/600/1,430 mm	750/600/1,430 mm
133 kg	133 kg
RONDO DN25 – 5 m RONDO DN25 – 15 m	RONDO DN25 – 5 m RONDO DN25 – 15 m
AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz 	AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz 
not included	not included
100 – 1,000 l/h	100 – 1,000 l/h
COMP R-80, 230 V, 1 Ph, 50 Hz, 0.35 kW, 80 l/min – max. 1.8 bar with pressure switch-off 	COMP R-80, 230 V, 1 Ph, 50 Hz, 0.35 kW, 80 l/min – max. 1.8 bar with pressure switch-off 
DN25-360° S10 200 Ewo	DN25-360° S10 200 Ewo
3 x 2.5 mm ² , BLU 3-16 A BLU 2-16 A – 25 m	3 x 2.5 mm ² , BLU 3-16 A BLU 2-16 A – 25 m
DN9 (3/8") Ewo Ewo – 5 m DN9 (3/8") Ewo Ewo – 16 m DN12 (1/2") Geka Geka – 11 m	DN9 (3/8") Ewo Ewo – 5 m DN9 (3/8") Ewo Ewo – 16 m DN12 (1/2") Geka Geka – 11 m
SD 6–3 slimline · 19 l/min · 20 bar	SD 6–3 slimline soft · 19 l/min · 20 bar
20 m for gypsum plaster	20 m for plaster/grout



02.2_21

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net



Description	RITMO XL 400 V, 3 Ph, 50 Hz	RITMO XL FC-230/400V 230/400 V, 1/3 Ph, 50 Hz
Part no.	00 18 64 78	00 19 78 21
Application focus	Mixing pump for plastering/rendering Buckets or bagged material	Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material
Strengths and benefits	<ul style="list-style-type: none"> • Rubber mixing zone • High delivery capacity • For D- and R-pump • Variable filling height • Performance similar to G 4, however, reduced initial current (no star wheel) 	<ul style="list-style-type: none"> • With air compressor and spraying gun • Switchable 400 V and 230 V • Rubber mixing zone • Powerful and reliable operation via standard power socket • FC for continuously variable speed control • Variable filling height
Basic equipment		
Connection value	400 V, 3 Ph, 50 Hz, 5.5 kW	230/400 V, 1/3 Ph, 50 Hz, 5.5 kW
Control voltage	42 V	42 V
Drive	5.5 kW, 400 rpm	5.5 kW, 120 – 400 rpm
Pump motor		
Mixing tube	Rubber mixing tube with adaptable flange	Rubber mixing tube with adaptable flange
Mixing shaft	BIONI K RITMO XL machine plaster	BIONI K RITMO XL machine plaster
Grout output with mortar pressure gauge	DN25 male part	DN25 male part
Wheels	2 wheels, 2 castors	2 wheels, 2 castors
Water connection	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Operation and control	Start/Stop	Start/Stop and continuously variable speed control in 230 Volt operation
Dimensions		
Filling height	850 – 1,010 mm	850 – 1,010 mm
Hopper content**	70 litres ~ 2.3 sacks	70 litres ~ 2.3 sacks
Length/Width/Height	1,300/700/1,400 mm	1,300/700/1,400 mm
Total weight	224 kg	232 kg
Extended scope of delivery		
Mortar hose	RONDO DN25 – 10 m	RONDO DN25 – 10 m
External vibrator	not included	not included
Water pump for pressure boosting***	AV 700, 400 V, 3 Ph, 50 Hz, 0.5 kW	not included
Water flow meter	150 – 1,500 l/h	150 – 1,500 l/h
Air compressor	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min – max. 3.4 bar with pressure switch-off
Spraying gun	DN25-360° S14 200 Geka	DN25-360° S14 200 Geka
Connection cable	not included	Adapter plug RED 5-32 A BLU 2-16 A
Water hose/air hose	DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m
Performance data		
Pump unit*	TWISTER D 6-3 · 20 l/min · 30 bar	SD 6-3 slimline · 20 l/min · 25 bar
Conveying distance*	50 m for fillers 30 m for plaster/grout	30 m for fillers 15 m for plaster/grout
For more information see page	02.2_33	02.2_34

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See from page 07_07

RITMO XL FC-230/400V 230/400 V, 1/3 Ph, 50 Hz	RITMO XL FC-230V 230 V, 1 Ph, 50 Hz
00 23 58 11	00 19 78 19
Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material	Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material
<ul style="list-style-type: none"> • Switchable 400 V and 230 V • Rubber mixing zone • Powerful and reliable operation via standard power socket • FC for continuously variable speed control • Variable filling height • With ZARGOMAT pro 	<ul style="list-style-type: none"> • Rubber mixing zone • Reduced initial current • Powerful and reliable operation via standard power socket • Variable pump capacity • Variable filling height
230/400 V, 1/3 Ph, 50 Hz, 5.5 kW 42 V 	230 V, 1 Ph, 50 Hz, 4 kW 42 V 
5.5 kW, 120 – 400 rpm	4 kW, 120 – 400 rpm
Rubber mixing tube with adaptable flange	Rubber mixing tube with adaptable flange
BIONIK RITMO XL machine plaster	BIONIK RITMO XL machine plaster
DN25 male part	DN25 male part
2 wheels, 2 castors	2 wheels, 2 castors
Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Start/Stop and continuously variable speed control in 230 Volt operation	Start/Stop and continuously variable speed control
850 – 1,010 mm	850 – 1,010 mm
70 litres ~ 2.3 sacks	70 litres ~ 2.3 sacks
1,300/700/1,400 mm	1,300/700/1,400 mm
222 kg	224 kg
RONDO DN25 – 10 m	RONDO DN25 – 10 m
not included	not included
not included	not included
75 – 750 l/h	150 – 1,500 l/h
not included	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min – max. 3.4 bar with pressure switch-off 
ZARGOMAT pro DN25-360°	DN25-360° S14 200 Geka
Adapter plug RED 5-32 A BLU 2-16 A	3 x 2.5 mm², BLU 3-16 A BLA 2-16 A – 25 m
DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m
TWISTER D 4-3 · 12 l/min · 30 bar	SD 6-3 slimline · 20 l/min · 25 bar
50 m for fillers 30 m for plaster/grout	30 m for fillers 15 m for plaster/grout

02.2_42

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net



Description	RITMO XL FC-230/400V 230/400 V, 1/3 Ph, 50 Hz	RITMO XL 230 V, 3 Ph, 60 Hz
Part no.	00 23 14 96	00 27 14 54
Application focus	Mixing pump for filling techniques – geothermal	Mixing pump for plastering/rendering and refurbishing work Buckets or bagged material
Strengths and benefits	<ul style="list-style-type: none"> • Switchable 400 V and 230 V • Rubber mixing zone • Powerful and reliable operation via standard power socket • FC for continuously variable speed control • Variable filling height 	<ul style="list-style-type: none"> • Rubber mixing zone • Variable filling height • Long conveying distances
Basic equipment		
Connection value	230/400 V, 1/3 Ph, 50 Hz, 5.5 kW	230 V, 3 Ph, 60 Hz, 5.5 kW
Control voltage	42 V	48 V
Drive	5.5 kW, 120 – 400 rpm	5.5 kW, 115 – 400 rpm
Mixing tube	Rubber mixing tube with adaptable flange	Rubber mixing tube with adaptable flange
Mixing shaft	BIONIK RITMO XL machine plaster	BIONIK RITMO XL machine plaster
Grout output with mortar pressure gauge	DN25 male part	DN25 male part
Wheels	2 wheels, 2 castors	2 wheels
Water connection	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Operation and control	Start/Stop and continuously variable speed control in 230 Volt operation	Start/Stop
Dimensions		
Filling height	850 – 1,010 mm	850 – 1,010 mm
Hopper content**	70 litres ~ 2.3 sacks	70 litres ~ 2.3 sacks
Length/Width/Height	1,300/700/1,400 mm	1,300/700/1,400 mm
Total weight	232 kg	224 kg
Extended scope of delivery		
Mortar hose	RONDO DN25 – 10 m	RONDO DN25 – 10 m
External vibrator	not included	not included
Water pump for pressure boosting***	not included	AV 4, 230/400 V, 3 Ph, 60 Hz, 0.75 kW
Water flow meter	150 – 1,500 l/h	150 – 1,500 l/h
Air compressor	not included	COMP M-250-X0 handy, 230 V, 3 Ph, 60 Hz, 0.8 kW, 250 l/min – max. 4 bar with pressure switch-off
Spraying gun	not included	DN25-360° S14 600-30° Geka
Connection cable	Adapter plug RED 5-32 A BLU 2-16 A	not included
Water hose/air hose	not included	DN12 (1/2") Ewo Geka – 11 m
Performance data		
Pump unit*	D 8-2 · 30 l/min · 20 bar	D 7-2.5 · 25 l/min · 25 bar
Conveying distance*	35 m for fillers 20 m for plaster/grout	40 m for fillers 25 m for plaster/grout

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information:

See from page 07_07

We are constantly working on expanding and optimising our product range. Our current product range can be found on www.pft.net

BIONIK INSIDE

**Less wear.
Longer use.**

- Wear parts last longer, considerably reduced wear
- Extended service life of heavily stressed parts (mixing shaft, hauling bracket)
- Pump pressure staying constant for a longer time
- Considerably reduced maintenance cost



www.pft.net/bionik



ALWAYS AT YOUR SITE



RITMO L FC-230V plus powercoat



Part no. Description

00 65 96 59 RITMO L FC-230V plus powercoat
230 V, 1 Ph, 50 Hz, 2.2 kW

BLU
3-16

Basic equipment

- Pump drive 2.2 kW, 69 – 492 rpm
 - Material hopper with external vibrator, reduces tunnelling and improves the flow of material, capacity 45 litre ~ 1.5 sack**
 - Suitable for buckets or bagged material
 - Conical mixing tube for optimum material flow
 - Agitator powercoat
 - 42 volts control voltage for maximum operational reliability
 - Ready for remote control
 - Grout outlet DN13 female part with mortar pressure gauge
 - Rubber mixing zone, for easy cleaning, with adaptable flange for A- and B-pump
- Note: Scope of delivery: Suction and pressure flange for B-pump*
- Toolbox including basic accessories
 - Mixing tube cleaner with cleaning shaft
 - Water connection DN12 (1/2") – required operating pressure 2.5 bar
 - Reduced initial current
 - Frequency converter (FC) for infinitely variable speed control and torque amplification
 - Powerful and reliable operation via standard power socket
 - Small, light, handy, compact and rollable
 - Easily broken down into individual modules
 - Flexible mixing intensity thanks to two water inlets
 - Connections in the control box:

BLU
3-16

H4



RITMO L FC-230V plus powercoat

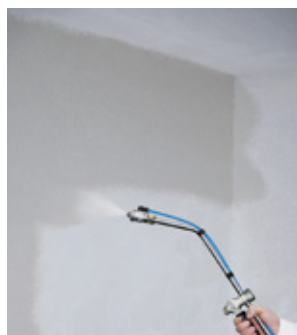
Extended scope of delivery

- Water flow meter 31.5 – 315 l/h
- RONDO DN13 hydraulic connection of male part | female part – 15 m
- Air hose DN9 (3/8") Ewo | Ewo – 16 m
- Cleaning piece for cleaning the material hose DN13 female part | Geka
- Spraying gun powercoat DN13 VA4 1500 Ewo
- Extension for remote control cable – 16 m
- External vibrator AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz
- Connection cable 3 x 2.5 mm², BLU 3-16 A | BLU 2-16 A – 25 m

BLU
3-16

Output – pump unit

- Rotor A 2–2.5 powercoat / Stator A 2–2.5
- Pump capacity*: 3 l/min, 25 bar, up to 20 m conveying distance for fillers (mineral)



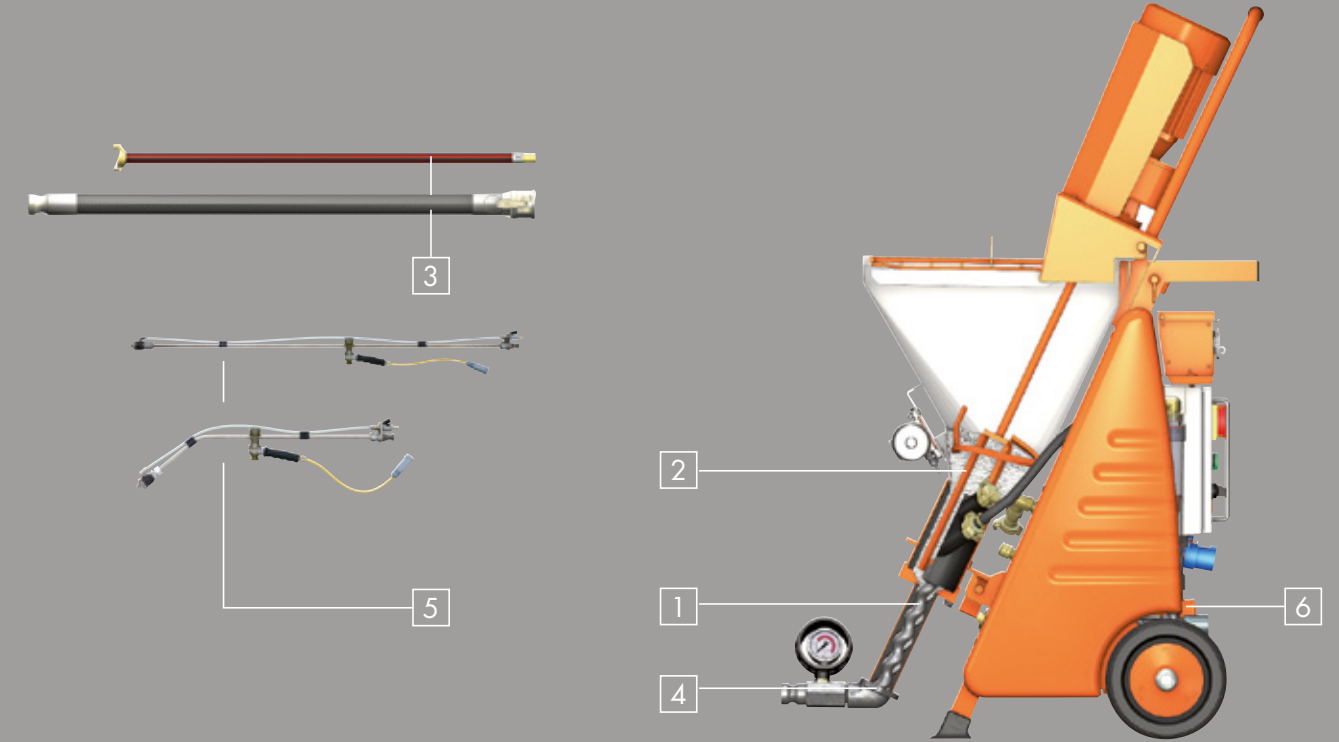
* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

Fine filler, mineral
Fine filler, pasty

RITMO L FC-230V plus powercoat

Part no. 00 65 96 59 RITMO L FC-230V plus powercoat, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas		S	O	A	Part no. Description
1	Pump				00 63 01 52 Pump unit A 2-2.5 powercoat for mineral fillers
					00 64 05 57 Pump unit A 2-2.5 for pasty fillers
2	Mixing shaft				00 63 01 60 BIONIK RITMO L plus powercoat mineral filler
3	Hoses and cables				00 08 73 54 RONDO DN13 - 15 m
					00 00 85 21 Air hose DN9 (3/8") Ewo I Ewo - 16 m
					00 08 80 49 Extension for remote control cable - 16 m <i>Recommended for spraying gun powercoat</i>
5	Spraying gun				00 09 48 98 powercoat DN13 VA4 1500 Ewo
					00 09 80 71 powercoat DN13 VA4 750-45° Ewo
6	Compressor				00 23 31 74 COMP P-400, 230 V, 1 Ph, 50 Hz
Standard					
Optional					
Alternative					



TIME FOR **RITMO**VATION

Simpler handling

230 Volt technology

Easier transport

New accessories
e.g. PFT DUSTCATCHER

Low weight

Rubber mixing zone

Pump capacity 19 l/min

Easier cleaning

www.pft.net/plus

ALWAYS AT YOUR SITE



RITMO L FC-230V plus – B 4–2





Part no. Description

00 65 95 04 **RITMO L FC-230V plus – B 4–2**
230 V, 1 Ph, 50 Hz, 2.2 kW





Basic equipment

- Pump drive 2.2 kW, 69 – 492 rpm
- Material hopper with external vibrator, reduces tunnelling and improves the flow of material, capacity 45 litre ~ 1.5 sack**
- Suitable for buckets or bagged material
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control
- Grout outlet DN25 male part with mortar pressure gauge
- Rubber mixing zone, for easy cleaning, with adaptable flange for B-pump
- Note: Scope of delivery: Suction and pressure flange for B-pump
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Easy handling in start-up, conversion, maintenance and cleaning
- Easily broken down into individual modules
- Flexible mixing intensity thanks to two water inlets
- Circumferential sealing edge on the material hopper for structuring accessories
- Large slot area
- Connections in the control box:  



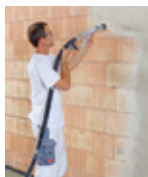
RITMO L FC-230V plus – B 4–2

Extended scope of delivery

- Water flow meter 100 – 1,000 l/h
- Water hose DN12 (1/2") Geka | Geka – 11 m
- RONDO DN25 hydraulic connection of male part | female part – 5 m
- RONDO DN25 hydraulic connection of male part | female part – 15 m
- Air hose DN9 (3/8") Ewo | Ewo – 5 m
- Air hose DN9 (3/8") Ewo | Ewo – 16 m
- Cleaning piece for cleaning the material hose DN25 female part | Geka
- Spraying gun DN25-360° S10 200 Ewo
- Air compressor COMP R-80, 230 V, 1 Ph, 50 Hz, 0.35 kW, 80 l/min with pressure control 
- External vibrator AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz 
- Connection cable 3 x 2.5 mm², BLU 3-16 A | BLU 2-16 A – 25 m

Output – pump unit

- Rotor B 4–2 / Stator B 4–2 mf
- Pump capacity*: 14 l/min, 20 bar, up to 40 m conveying distance for fillers, up to 20 m conveying distance for plaster/grout



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render ≤ 3 mm
Loam plaster, dry

RITMO L FC-230V plus – B 4–2

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 24 58 10	Rotor B 4–2
				00 00 84 62	Stator B 4–2 mf
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
				00 02 11 01	RONDO DN25 – 15 m
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
5 Spraying gun				00 11 18 04	DN25-360° S10 200 Ewo
				00 09 72 83	DN25-360° S10 600-30° Ewo
				00 24 70 04	DN25-360° S10 900-30° Ewo
				00 24 70 10	DN25-360° S10 1200-30° Ewo
6 Compressor				00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz

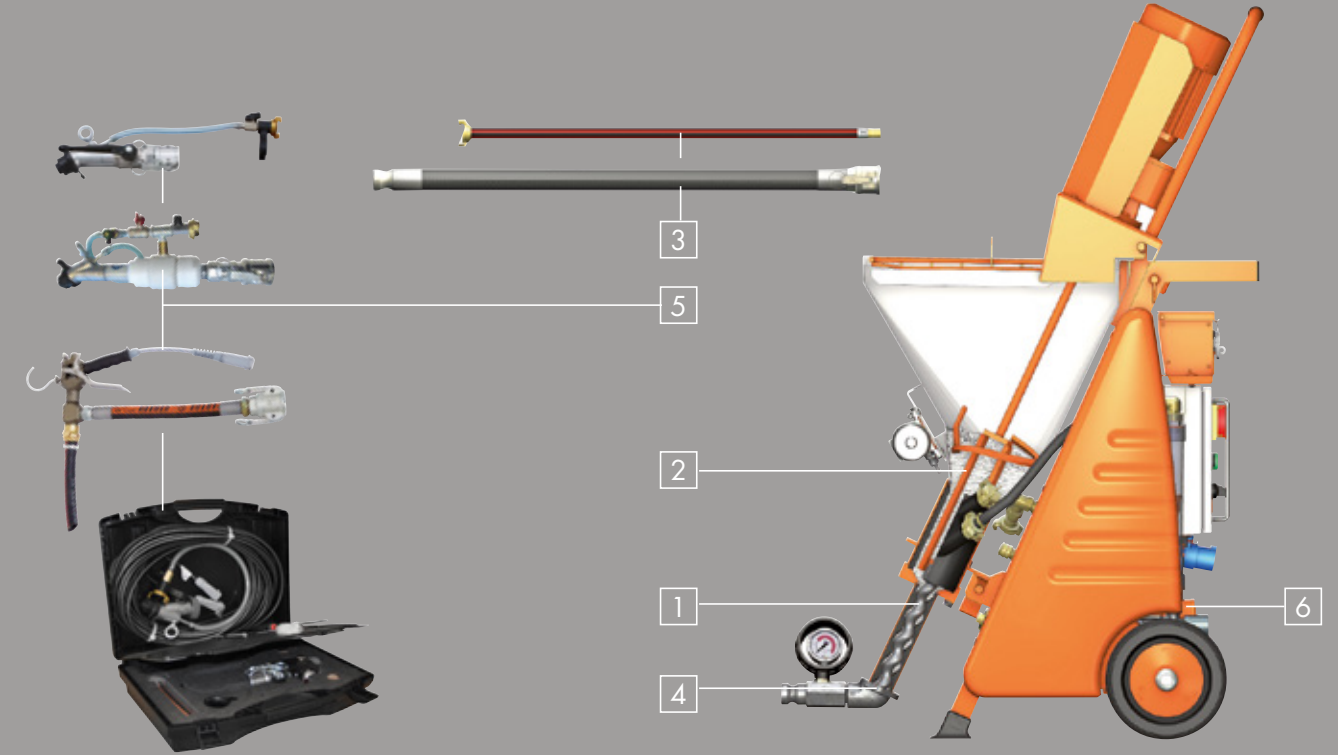
Adhesive mortar

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 25 11 47	Rotor B 4–2 with tang
				00 00 84 62	Stator B 4–2 mf
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
				00 02 11 01	RONDO DN25 – 15 m
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
				20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>
4 Agitator				00 25 11 39	ROTOMIX B-pump
				00 10 22 27	Mortar pressure gauge DN25 female part I DN25 male part
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°
				00 04 62 26	Squeeze valve DN25 S14 30° Geka
				00 00 13 99	Ball valve DN25 S14 100-30° Geka
				00 41 89 75	JETSET pro DN25 Ewo

Light plaster

RITMO L FC-230V plus – B 4–2

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas		S	O	A	Part no. Description
1	Pump				00 24 58 10 Rotor B 4–2
					00 00 84 62 Stator B 4–2 mf
2	Mixing shaft				00 63 39 52 BIONIK RITMO L plus light plaster
3	Hoses and cables				00 02 11 03 RONDO DN25 – 5 m
					00 02 11 01 RONDO DN25 – 15 m
					00 07 72 40 Air hose DN9 (3/8") Ewo I Ewo – 5 m
					00 00 85 21 Air hose DN9 (3/8") Ewo I Ewo – 16 m
5	Spraying gun				00 11 18 04 DN25-360° S10 200 Ewo
					00 09 72 83 DN25-360° S10 600-30° Ewo
					00 24 70 04 DN25-360° S10 900-30° Ewo
					00 24 70 10 DN25-360° S10 1200-30° Ewo
6	Compressor				00 07 88 17 COMP R-80, 230 V, 1 Ph, 50 Hz
Standard					
Optional					
Alternative					



Floor filler Thin screed

RITMO L FC-230V plus – B 4–2

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 25 11 47	Rotor B 4–2 with tang
					00 00 84 62	Stator B 4–2 mf
2	Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3	Hoses and cables				00 02 11 01	RONDO DN25 – 15 m
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
4	Agitator				00 25 11 39	ROTOMIX B-pump
					00 10 22 27	Mortar pressure gauge DN25 female part DN25 male part

Fine filler, pasty

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 64 05 57	Pump unit A 2–2.5 for pasty fillers
2	Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3	Hoses and cables				00 08 73 54	RONDO DN13 – 15 m
					00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m
					00 08 80 49	Remote control cable extension – 16 m <i>Recommended for spraying gun powercoat</i>
5	Spraying gun				00 09 80 71	powercoat DN13 VA4 750-45° Ewo
					00 09 48 98	powercoat DN13 VA4 1500 Ewo
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz

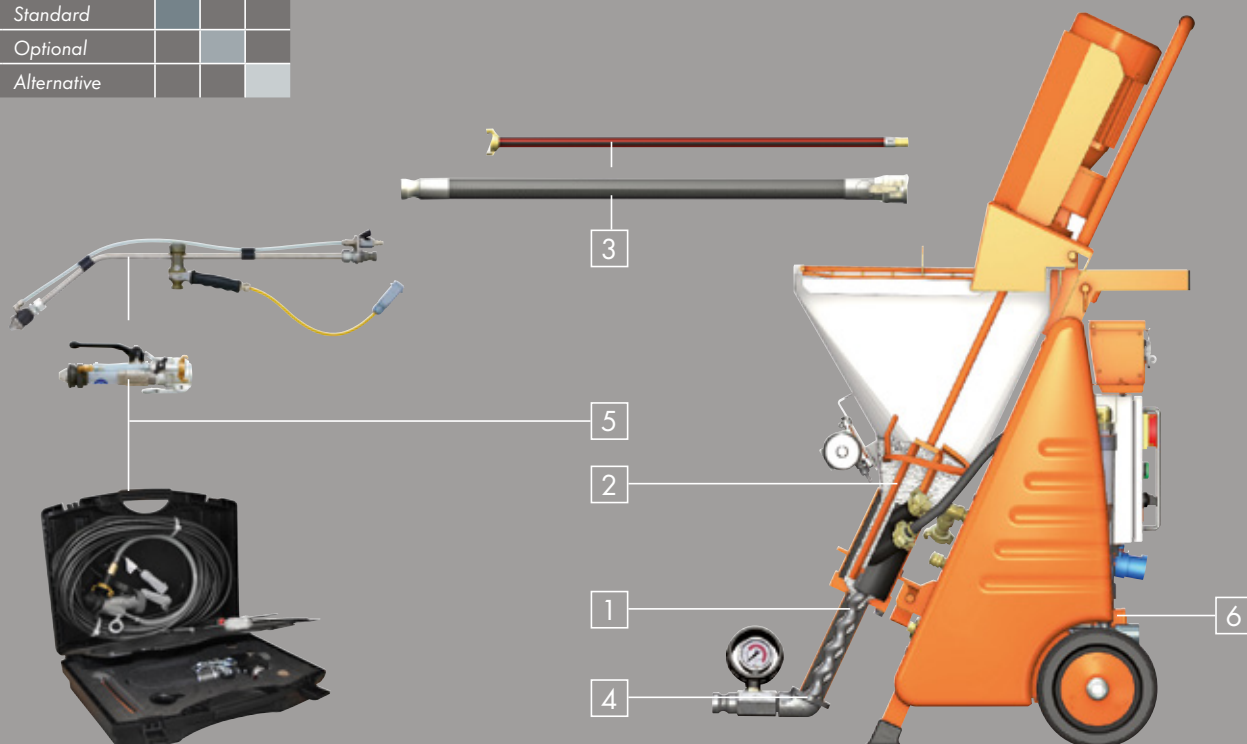
Fine filler, mineral

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
					00 65 50 28	Conversion kit RITMO L plus to RITMO L plus powercoat, includes: • Mixing shaft BIONIK RITMO L plus powercoat • Pump unit A 2–2.5 powercoat • Water flow meter 31.5 – 315 l/h • RONDO DN13 – 15 m • Air hose DN9 (3/8") Ewo Ewo – 16 m • Extension for remote control cable – 16 m • Cleaner coupling 13 female part Geka • Spraying gun powercoat DN13 VA4 750-45° Ewo • Geka blank cover round file 2.5 • Inset nozzle D14, 5 x 67, 5 x 2.5 • Dummy plug D14, 5 x 45
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz

Reinforcement mortar

RITMO L FC-230V plus – B 4–2

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 25 11 47	Rotor B 4–2 with tang
				00 00 84 62	Stator B 4–2 mf
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
				00 02 11 01	RONDO DN25 – 15 m
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
4 Agitator				00 25 11 39	ROTOMIX B-pump
				00 10 22 27	Mortar pressure gauge DN25 female part I DN25 male part
5 Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
				00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
				00 41 92 13	Adapter coupling Geka I Ewo male part
				00 41 89 75	JETSET pro DN25 Ewo
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>
Standard					
Optional					
Alternative					



Grouting mortar

RITMO L FC-230V plus – B 4–2

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 24 58 10	Rotor B 4–2
					00 00 84 62	Stator B 4–2 mf
2	Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3	Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
					00 02 11 01	RONDO DN25 – 15 m
					20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°
					00 41 89 75	JETSET pro DN25 Ewo

Insulating plaster

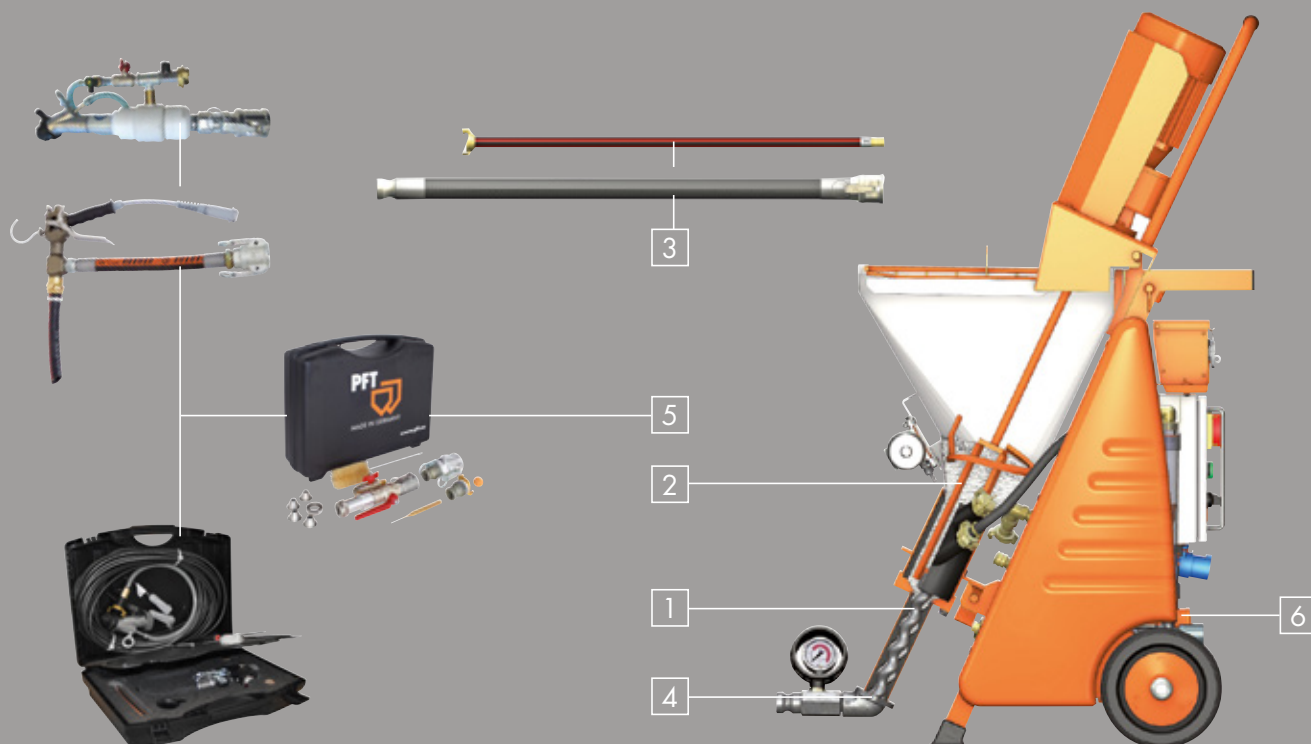
Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 25 11 47	Rotor B 4–2 with tang
					00 00 84 62	Stator B 4–2 mf
2	Mixing shaft				00 63 39 52	BIONIK RITMO L plus light plaster
3	Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
					00 02 11 01	RONDO DN25 – 15 m
					00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
4	Agitator				00 25 11 39	ROTOMIX B-pump
					00 10 22 27	Mortar pressure gauge DN25 female part I DN25 male part
5	Spraying gun				00 04 62 26	Squeeze valve DN25 S14 30° Geka
					00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function
6	Compressor				00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz
7	Hopper				00 61 27 29	Extension hopper

Finishing coat, mineral Finishing coat, pasty

RITMO L FC-230V plus – B 4–2

Part no. 00 65 95 04 RITMO L FC-230V plus – B 4–2, 230 V, 1 Ph, 50 Hz, 2.2 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 24 58 10	Rotor B 4–2	
					00 00 84 62	Stator B 4–2 mf	
2	Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm	
3	Hoses and cables				00 02 11 03	RONDO DN25 – 5 m	
					00 02 11 01	RONDO DN25 – 15 m	
					00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m	
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m	
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>	
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>	
5	Spraying gun				00 23 21 06	Spraying set for finishing coat	
					00 41 89 75	JETSET pro DN25 Ewo	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	
Standard							
Optional							
Alternative							



RITMO L FC-230V plus – SD 6–3





Part no. Description

00 65 74 43 **RITMO L FC-230V plus – SD 6–3**
230 V, 1 Ph, 50 Hz, 2.2 kW





Basic equipment

- Pump drive 2.2 kW, 69 – 361 rpm
- Material hopper with external vibrator, reduces tunnelling and improves the flow of material, capacity 45 litre ~ 1.5 sack**
- Suitable for buckets or bagged material
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN25 male part with mortar pressure gauge
- Rubber mixing zone, for easy cleaning, with adaptable flange for D-pump
- Note: Scope of delivery: Suction and pressure flange for D-pump*
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Easy handling in start-up, conversion, maintenance and cleaning
- Easily broken down into individual modules
- Flexible mixing intensity thanks to two water inlets
- Circumferential sealing edge on the material hopper for accessories
- Large slot area
- Connections in the control box:  



RITMO L FC-230V plus – SD 6–3

Extended scope of delivery

- Water flow meter 100 – 1,000 l/h
- Water hose DN12 (1/2") Geka | Geka – 11 m
- RONDO DN25 hydraulic connection of male part | female part – 5 m
- RONDO DN25 hydraulic connection of male part | female part – 15 m
- Air hose DN9 (3/8") Ewo | Ewo – 5 m
- Air hose DN9 (3/8") Ewo | Ewo – 16 m
- Cleaning piece for cleaning the material hose DN25 female part | Geka
- Spraying gun DN25-360° S10 200 Ewo
- Air compressor COMP R-80, 230 V, 1 Ph, 50 Hz, 0.35 kW, 80 l/min with pressure control 
- External vibrator AM3-0.44 – 1.2 m, 230 V, 1 Ph, 50 Hz 
- Connection cable 3 x 2.5 mm², BLU 3-16 A | BLU 2-16 A – 25 m

Output – pump unit

- Rotor SD 6–3 slimline / Stator SD 6–3 slimline
- Pump capacity*: 19 l/min, 20 bar, up to 20 m conveying distance for gypsum plaster



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

Gypsum plaster

RITMO L FC-230V plus – SD 6-3

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6-3 slimline
				00 40 62 89	Stator SD 6-3 slimline
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
				00 02 11 01	RONDO DN25 – 15 m
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
5 Spraying gun				00 11 18 04	DN25-360° S10 200 Ewo
				00 09 72 83	DN25-360° S10 600-30° Ewo
				00 24 70 04	DN25-360° S10 900-30° Ewo
				00 24 70 10	DN25-360° S10 1200-30° Ewo
6 Compressor				00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz

Fire protection mortar

Gypsum / Gypsum-lime plaster




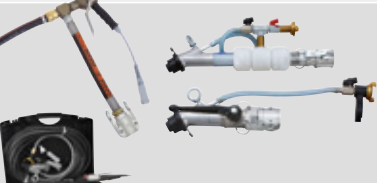
Lime-cement render < 3 mm

Loam plaster, dry

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6-3 slimline
				00 58 50 53	Stator SD 6-3 slimline soft
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
				00 02 11 01	RONDO DN25 – 15 m
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
5 Spraying gun				00 11 18 04	DN25-360° S10 200 Ewo
				00 09 72 83	DN25-360° S10 600-30° Ewo
				00 24 70 04	DN25-360° S10 900-30° Ewo
				00 24 70 10	DN25-360° S10 1200-30° Ewo
6 Compressor				00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz
Standard					
Optional					
Alternativ					

Adhesive mortar

RITMO L FC-230V plus – SD 6-3





Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 88	Rotor SD 6-3 slimline	
				00 58 50 53	Stator SD 6-3 slimline soft	
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm	
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m	
				00 02 11 01	RONDO DN25 – 15 m	
				00 07 72 40	Air hose DN9 (3/8") Ewo Ewo – 5 m	
				00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m	
				20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	
				00 04 62 26	Squeeze valve DN25 S14 30° Geka	
				00 00 13 99	Ball valve DN25 S14 100-30° Geka	
				00 41 89 75	JETSET pro DN25 Ewo	

Light plaster








Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 88	Rotor SD 6-3 slimline	
				00 58 50 53	Stator SD 6-3 slimline soft	
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm	
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m	
				00 02 11 01	RONDO DN25 – 15 m	
				00 07 72 40	Air hose DN9 (3/8") Ewo Ewo – 5 m	
				00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m	
5 Spraying gun				00 11 18 04	DN25-360° S10 200 Ewo	
				00 09 72 83	DN25-360° S10 600-30° Ewo	
				00 24 70 04	DN25-360° S10 900-30° Ewo	
				00 24 70 10	DN25-360° S10 1200-30° Ewo	
6 Compressor				00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz	

Floor filler Thin screed



RITMO L FC-230V plus – SD 6-3

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 88	Rotor SD 6-3 slimline	
				00 58 50 53	Stator SD 6-3 slimline soft	
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm	
3 Hoses and cables				00 02 11 01	RONDO DN25 – 15 m	 
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>	

Fine filler, pasty

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 88	Rotor SD 6-3 slimline	
				00 58 50 53	Stator SD 6-3 slimline soft	
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm	
3 Hoses and cables				00 08 73 54	RONDO DN13 – 15 m	  
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m	
				00 08 80 49	Remote control cable extension – 16 m <i>Recommended for spraying gun powercoat</i>	
5 Spraying gun				00 09 80 71	powercoat DN13 VA4 750-45° Ewo	 
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	

Fine filler, mineral

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas	S	O	A	Part no.	Description	
				00 65 50 28	Conversion kit RITMO L plus to RITMO L plus powercoat, includes: <ul style="list-style-type: none"> Mixing shaft BIONIK RITMO L plus powercoat Pump unit A 2-2.5 powercoat Water flow meter 31.5 – 315 l/h RONDO DN13 – 15 m Air hose DN9 (3/8") Ewo I Ewo – 16 m Extension for remote control cable – 16 m Cleaner coupling 13 female part Geka Spraying gun powercoat DN13 VA4 750-45° Ewo Geka blank cover round file 2.5 Inset nozzle D14, 5 x 67, 5 x 2.5 Dummy plug D14, 5 x 45 	
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
Standard						
Optional						
Alternative						

Reinforcement mortar

RITMO L FC-230V plus – SD 6-3

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 40 62 88	Rotor SD 6-3 slimline	
				00 58 50 53	Stator SD 6-3 slimline soft	
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm	
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m	
				00 02 11 01	RONDO DN25 – 15 m	
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m	
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m	
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>	
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>	
5 Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
				00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>	
				00 41 92 13	Adapter coupling Geka I Ewo male part	
				00 41 89 75	JETSET pro DN25 Ewo	
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	

Grouting mortar

RITMO L FC-230V plus – SD 6-3

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 40 62 88	Rotor SD 6-3 slimline
					00 58 50 53	Stator SD 6-3 slimline soft
2	Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3	Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
					00 02 11 01	RONDO DN25 – 15 m
					20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°
					00 41 89 75	JETSET pro DN25 Ewo

Insulating plaster

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 40 62 88	Rotor SD 6-3 slimline
					00 58 50 53	Stator SD 6-3 slimline soft
2	Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3	Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
					00 02 11 01	RONDO DN25 – 15 m
					00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
					00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
5	Spraying gun				00 04 62 26	Squeeze valve DN25 S14 30° Geka
					00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function
6	Compressor				00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz
7	Hopper				00 61 27 29	Extension hopper
Standard						
Optional						
Alternative						

Finishing coat, mineral Finishing coat, pasty

RITMO L FC-230V plus – SD 6-3

Part no. 00 65 74 43 RITMO L FC-230V plus – SD 6-3, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6-3 slimline
				00 58 50 53	Stator SD 6-3 slimline soft
2 Mixing shaft				00 70 57 54	BIONIK RITMO L plus machine plaster plus, D=76 mm
3 Hoses and cables				00 02 11 03	RONDO DN25 – 5 m
				00 02 11 01	RONDO DN25 – 15 m
				00 07 72 40	Air hose DN9 (3/8") Ewo I Ewo – 5 m
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
5 Spraying gun				00 23 21 06	Spraying set for finishing coat
				00 41 89 75	JETSET pro DN25 Ewo
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>
Standard					
Optional					
Alternative					



3

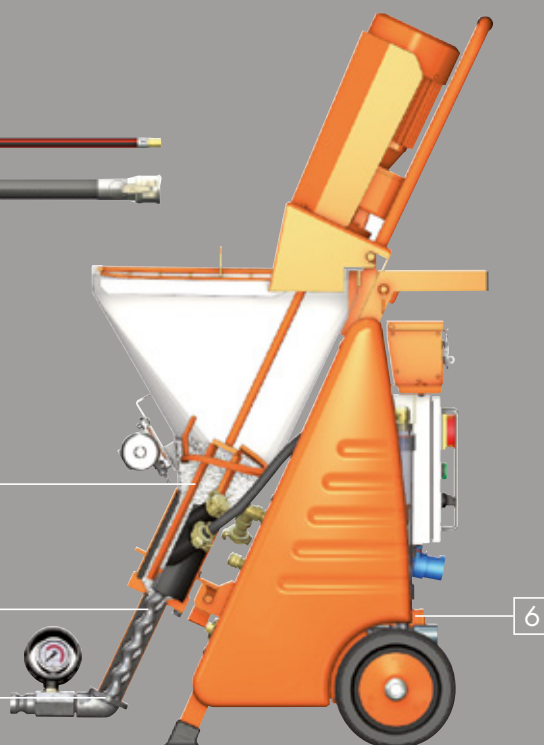
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2

1

4

6



PFT Water hoses

Tried and tested on site and perfectly adapted to your machines!

EPDM ethylene propylene rubber material

- UV-resistant
- Dimensionally stable
- Robust
- Temperature resistant









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Accessories – Start-up

Part no.	Description
20 42 34 20	Extension cable 3 x 2.5 mm ² , BLU 2-16 A – 25 m (230 V/1 Ph) <i>More information: Page 07_33</i>
00 08 73 54	RONDO DN13 – 15 m
00 02 11 03	RONDO DN25 – 5 m
00 11 17 99	RONDO DN25 – 7.5 m
00 02 11 00	RONDO DN25 – 10 m
00 02 11 01	RONDO DN25 – 15 m
00 02 11 02	RONDO DN25 – 20 m <i>More information: From page 07_29</i>

Extras

Part no.	Description
00 61 27 29	Extension hopper RITMO L plus
00 61 11 77	DUSTCATCHER for material hopper RITMO L plus
00 61 98 34	DUSTCATCHER for extension hopper RITMO L plus
00 61 97 88	Cover for material hopper RITMO L plus
00 61 98 30	Cover for extension hopper RITMO L plus
00 62 59 70	Bag squeezer RITMO L plus
00 20 12 79	Cover for material hopper
00 08 97 93	Extension hopper – 75 litre to increase the hopper volume for RITMO M/L
00 09 86 56	Bag squeezer RITMO M/L <i>More information: From page 07_24</i>
20 45 69 29	Remote control cable with switch – 25 m 
20 45 69 16	Remote control cable with switch – 50 m on cable reel 
20 45 69 31	Extension for remote control cable – 25 m  <i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i> <i>More information: From page 07_33</i>
00 42 00 58	ZARGOMAT pro DN25-360° 
00 41 89 75	JETSET pro DN25 Ewo 
00 23 21 06	Spraying set for finishing coat <i>More information: From page 07_22</i>
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with pressure switch-off and flow monitor  <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_07</i>

Extras

Part no.	Description
00 07 88 17	COMP R-80, 230 V, 1 Ph, 50 Hz, 0.35 kW 80 l/min – max. 1.8 bar with pressure switch-off 
00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz, 2.2 kW 390 l/min – max. 10 bar with pressure switch-off 
<i>More information: From page 07_10</i>	
20 21 11 00	Water hose DN12 (1/2") Geka I Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses
20 21 68 02	Pressure tester 0 - 100 bar with DN25 female part
20 10 43 01	Consistency checking tube DN25 female part
<i>More information: From page 07_14</i>	
00 64 05 57	Pump unit A 2–2.5 for RITMO L plus
00 63 01 52	Pump unit A 2–2.5 powercoat for RITMO L plus
00 61 30 21	Pump unit B 4–2 (W7) 25 male part for RITMO L plus
00 65 17 79	Pump unit SD 6–3 slimline 25 male part for RITMO L plus
00 58 88 76	Pump unit SD 6–3 soft 25 male part for RITMO L plus

Spare parts

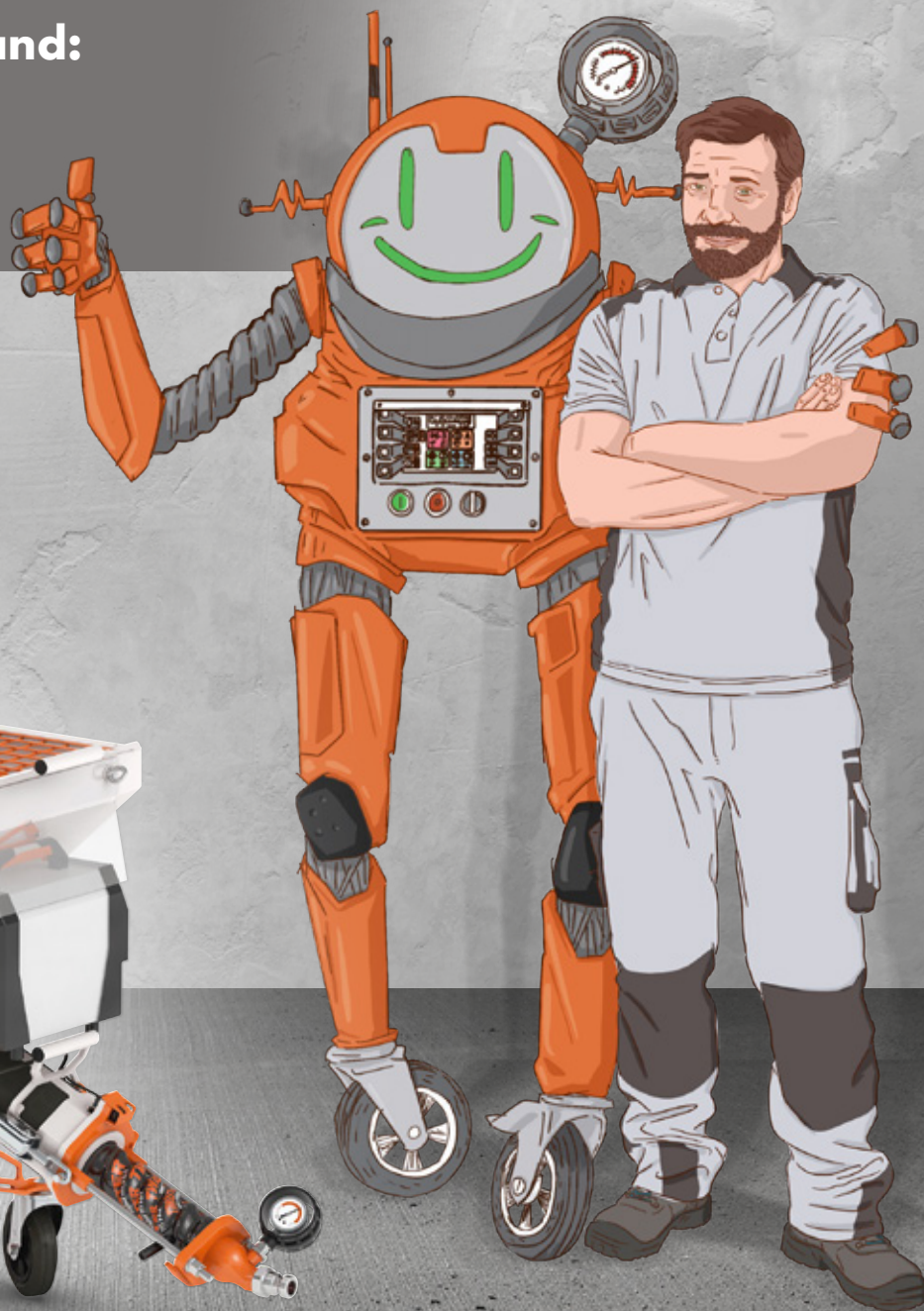
Part no.	Description
Machine	
00 22 72 62	Protection grille for RITMO M/L
00 61 27 21	Protection grille for RITMO L plus
20 20 63 21	Screw for protection grille RITMO M/L
00 22 66 90	Collar nut for protection grille of RITMO M/L
00 52 14 10	Hauling bracket BIONIK, casting
00 00 82 54	Replacement wheel 230 x 85
00 06 60 22	Rubber foot
Water-wearing parts	
20 18 60 00	Water flow meter 31.5 – 315 l/h
00 07 32 01	Water flow meter 75 – 750 l/h
20 18 30 00	Water flow meter 100 – 1,000 l/h
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs
20 15 28 01	Solenoid coil 42 V
00 25 07 52	Water manifold RITMO M/L
00 64 00 73	Water manifold RITMO L plus
20 20 17 00	Gasket Geka coupling p.u. = 50 pcs
Grout-wearing parts – wet	
20 20 05 00	Cam lever with Circlip
20 20 06 00	Dowel pin for mortar coupling 6 x 30 p.u. = 20 pcs
00 09 90 88	Pressure gauge mixing pumps
00 57 89 74	Cleaning shaft BIONIK RITMO M/L
00 58 88 32	Cleaning shaft BIONIK RITMO L plus
00 06 62 65	Mixing tube cleaner for A- and B-pumps
00 23 19 70	Mixing tube cleaner for B- and D-pumps
Grout-wearing parts – dry	
00 70 57 54	Mixing shaft BIONIK RITMO L plus machine plaster plus D=76 mm
00 57 83 54	Mixing shaft BIONIK RITMO machine plaster, anti-clockwise rotation
00 08 75 99	Rubber mixing zone RITMO M/L
00 22 22 38	Rubber mixing zone RITMO L plus
Air-carrying parts	
00 07 88 17	Retrofitting kit COMP R-80 including air manifold
00 08 75 47	Filter set of compressor COMP R-80
00 15 33 26	Filter set of compressor COMP P-400



PFT RITMO FC-400V DOUBLE MIX

Lends a powerful hand:

The PFTControl from PFT.




www.pft.net/doublemix

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Part no. Description

00 18 64 78 RITMO XL – with pressure booster pump 

400 V, 3 Ph, 50 Hz, 5.5 kW


Basic equipment

- Pump drive 5.5 kW, 400 rpm
- Material hopper, capacity 70 litres ~ 2.5 sacks**
- Filling height adjustable
- Suitable for buckets or bagged material
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN25 male part with mortar pressure gauge
- Pressure flange pro improved material flow, extends the rotor/stator life
- Rubber mixing tube for easy cleaning, with adaptable flange for D- and R-pump
- Note: Scope of delivery: Suction and pressure flange for D-pump*
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- High delivery capacity
- Handy, compact and rollable
- Easily broken down into three modules
- Flexible mixing intensity thanks to two water inlets
- Performance similar to G 4, however, reduced initial current (no star wheel)
- Connections in the control box:    



RITMO XL

Extended scope of delivery

- Water pump as pressure booster pump AV 700, 400 V, 3 Ph, 50 Hz, 0.5 kW
- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part | female part – 10 m
- Air hose DN12 (1/2") Ewo | Geka – 11 m
- Cleaning piece for cleaning the material hose DN25 male part | Geka
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz,  0.9 kW, 133 l/min with pressure control

Output – pump unit

- Rotor D 6–3 / Stator TWISTER D 6–3
- Pump capacity*: 20 l/min, 30 bar, up to 50 m conveying distance for fillers, up to 30 m conveying distance for plaster/grout





Part no.

Description

00 19 78 21

RITMO XL FC-230/400V

230/400 V, 1/3 Ph, 50 Hz, 5.5 kW



Basic equipment

- Pump drive 5.5 kW, 400 rpm
- Material hopper, capacity 70 litres ~ 2.5 sacks**
- Filling height adjustable
- Suitable for buckets or bagged material
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN25 male part with mortar pressure gauge
- Rubber mixing tube for easy cleaning, with adaptable flange for D- and R-pump
- Note: Only in 400 V operation*
- Scope of delivery: Pressure flange and suction flange for D-pump*
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Note: Only in 230 V operation*
- Powerful and reliable operation via standard power socket
- Handy, compact and rollable
- Easily broken down into three modules
- Flexible mixing intensity thanks to two water inlets

- Connections in the control box:



RITMO XL FC-230/400V

Extended scope of delivery

- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part I female part – 10 m
- Air hose DN12 (1/2") Ewo I Geka – 11 m
- Cleaning piece for cleaning the material hose DN25 male part I Geka
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min with pressure control



Output – pump unit

- Rotor SD 6–3 slimline / Stator SD 6–3 slimline
- Pump capacity*: 20 l/min, 25 bar, up to 30 m conveying distance for fillers, up to 15 m conveying distance for in plaster/grout

For more information on the RITMO's applications in 230 V and 400 V operation, see page 02.2_3-4.



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative


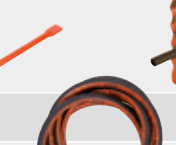

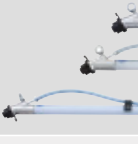
** Sack content 30 kg

Adhesive mortar Grouting mortar

RITMO XL RITMO XL FC-230/400V (400 V)

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 43 20	Rotor D 4–3 with tang	
				00 01 05 43	Stator TWISTER D 4–3 PIN	
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 45 69 31	Extension for remote control cable – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
4 Agitator				20 11 80 00	ROTOMIX D-pump	
				00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
				20 20 03 30	Adapter coupling DN35 male part DN25 male part NW24	
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	
				00 41 89 75	JETSET pro DN25 Ewo	

Light plaster

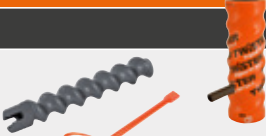

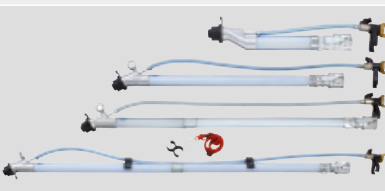



Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6–3	
				00 00 78 99	Stator TWISTER D 6–3 PIN	
2 Mixing shaft				00 54 74 70	BIONIK RITMO XL light plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz	
				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	

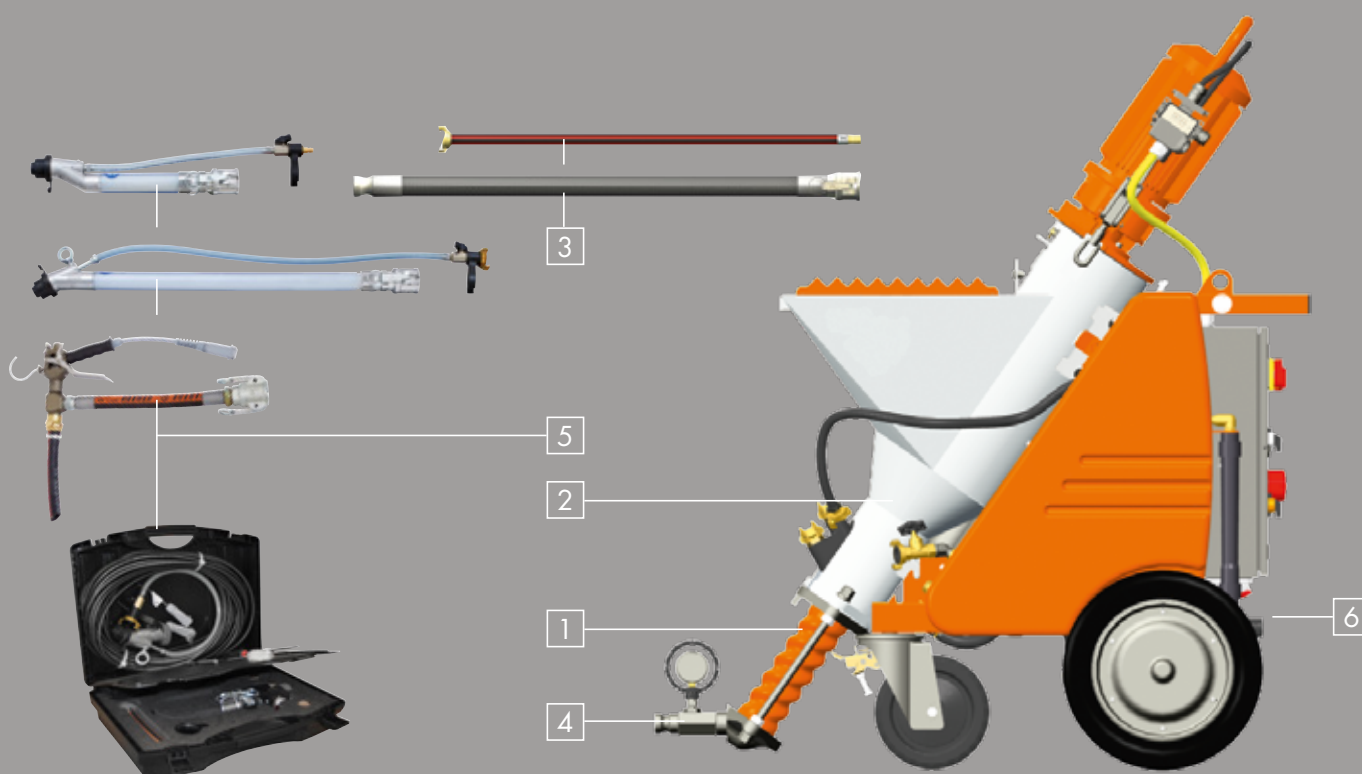
Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render < 3 mm

RITMO XL
RITMO XL FC-230/400V (400 V)

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				00 00 78 99	Stator TWISTER D 6-3 PIN	
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 - 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka - 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
				00 20 64 40	DN25-360° S14 600-30° Geka	
				00 24 70 18	DN25-360° S14 900-30° Geka	
				00 24 70 22	DN25-360° S14 1200-30° Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
Standard						
Optional						
Alternative						



Reinforcement mortar

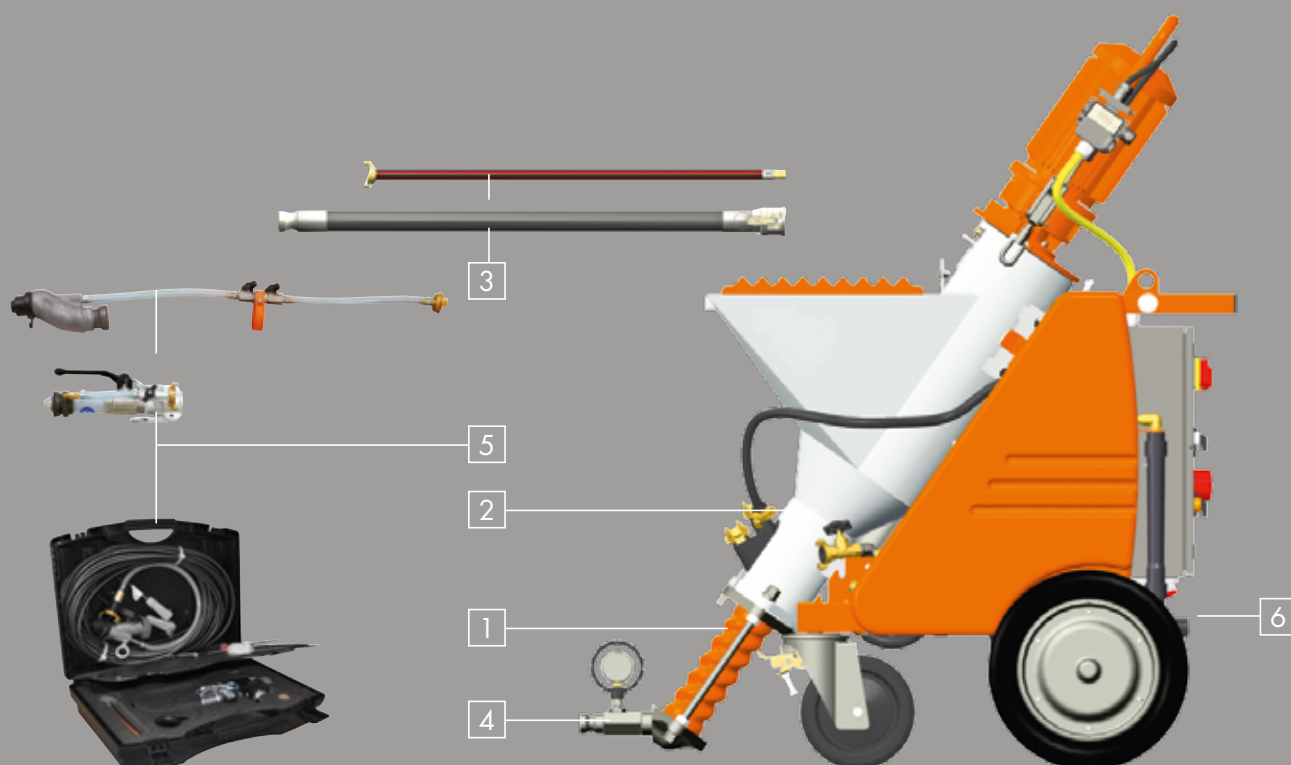
RITMO XL
RITMO XL FC-230/400V (400 V)

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				20 11 43 20	Rotor D 4-3 with tang
				00 01 05 43	Stator TWISTER D 4-3 PIN
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m <i>Recommended for spraying gun decorative plaster</i>
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro</i>
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun decorative plaster</i>
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
4 Agitator				20 11 80 00	ROTOMIX D-pump
				00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part
				20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24
5 Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
				00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
				00 41 89 75	JETSET pro DN25 Ewo
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
				00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>

Lime-cement render > 3 mm Scratch coat

RITMO XL
RITMO XL FC-230/400V (400 V)





Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 00	Rotor D 8-1.5	
				20 11 64 00	Stator D 8-1.5	
				00 52 60 14	Clamp D-pump 270 mm	
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3 Hoses and cables				00 02 11 04	RONDO DN35 - 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka - 11 m	
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
				00 00 69 28	DN35 S14 Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz	
				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	
Standard						
Optional						
Alternative						








Loam plaster, dry

RITMO XL

RITMO XL FC-230/400V (400 V)

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 23 79 08	Rotor D 6-3	
				00 00 88 62	Stator TWISTER D 6-3	
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
6 Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz	
				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	

Floor screed 60 l/min


Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 50	Rotor R 7-2.5 with tang	
				20 11 63 50	Stator R 7-2.5	
				20 11 78 00	Clamp R-pump 270 mm	
				20 10 42 17	Suction flange R-pump	
2 Mixing shaft				00 54 20 74	BIONIK RITMO XL floor screed	
3 Hoses and cables				00 02 11 19	RONDO DN35 – 13.3 m	
				00 02 12 73	RONDO DN35 pouring hose – 20 m	
				00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
				20 45 69 16	Remote control cable with switch – 50 m on cable reel	
4 Agitator				20 11 80 50	ROTOMIX R-pump	
				00 47 53 21	Mortar pressure gauge DN35 female part with bend	
7 Hopper				00 20 18 70	Extension hopper – 140 litre to increase the hopper volume	

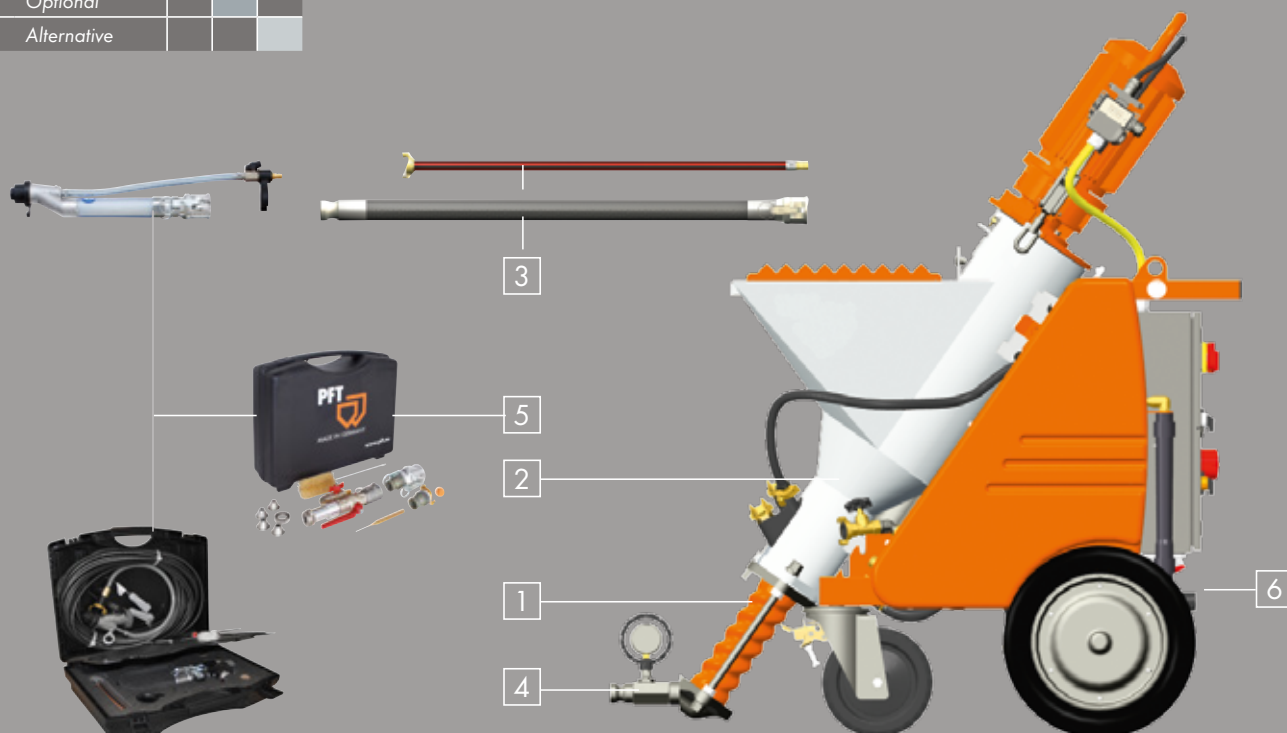
Finishing coat, mineral

RITMO XL
RITMO XL FC-230/400V (400 V)

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 43 10	Rotor D 4-3	
				00 01 05 43	Stator TWISTER D 4-3 PIN	
				20 11 49 30	Rotor D 3-4	
				20 11 61 00	Stator D 3-4	
				00 52 60 14	Clamp D-pump 270 mm	
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
				00 00 85 21	Air hose DN9 (3/8") Ewo I Ewo – 16 m <i>Recommended for JETSET pro and spraying gun finishing coat</i>	
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>	
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>	
				00 23 21 06	Spraying set for finishing coat	
5 Spraying gun				00 41 89 75	JETSET pro DN25 Ewo	
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz 	
				00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz 	
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	
Standard						
Optional						
Alternative						










Insulating plaster

RITMO XL

RITMO XL FC-230/400V (400 V)

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW



Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 20	Rotor D 8–1.5 with tang	
					00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2	Mixing shaft				00 54 97 72	BIONIK RITMO XL insulating plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
4	Agitator				20 11 84 00	ROTOQUIRL D-pump	
					00 10 22 28	Mortar pressure gauge DN35 male part I DN35 female part	
					20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24	
5	Spraying gun				00 04 62 26	Squeeze valve DN25 S14 30° Geka	
					00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function	
					00 04 63 96	Ball valve DN25 S12 100 Geka	
6	Compressor				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz	
					00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz	
7	Hopper				00 20 18 70	Extension hopper – 140 litre to increase the hopper volume	

Masonry mortar

Part no. 00 18 64 78 RITMO XL, 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 19 78 21 RITMO XL FC-230/400V (400 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 48 50	Rotor R 7–2.5 with tang	  
					20 11 63 50	Stator R 7–2.5	
					20 11 78 00	Clamp R-pump 270 mm	
					00 19 52 43	Suction flange R-pump	
2	Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3	Hoses and cables				00 02 11 19	RONDO DN35 – 13.3 m	
					20 45 69 15	Remote control cable with switch – 25 m H 4	
4	Agitator				20 11 80 50	ROTOMIX R-pump	
					00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part	
					20 20 07 95	Adapter coupling DN35 male part 1 1/4" internal thread	
Standard							
Optional							
Alternative							



Part no. Description




00 19 78 19

RITMO XL FC-230V

230 V, 1 Ph, 50 Hz, 4 kW




Basic equipment

- Pump drive 4 kW, 8 – 400 rpm
- Material hopper, capacity 70 litres ~ 2.5 sacks**
- Filling height adjustable
- Suitable for buckets or bagged material
- Conical mixing tube for optimum material flow
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN25 male part with mortar pressure gauge
- Rubber mixing zone, for easy cleaning, with adaptable flange for D-pump
- Toolbox including basic accessories
- Mixing tube cleaner with cleaning shaft
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Powerful and reliable operation via standard power socket
- Reduced initial current
- Handy, compact and rollable
- Easily broken down into three modules
- Flexible mixing intensity thanks to two water inlets
- Connections in the control box:   



RITMO XL FC-230V

Extended scope of delivery

- Water flow meter 150 – 1,500 l/h
- RONDO DN25 hydraulic connection of male part | female part – 10 m
- Air hose DN12 (1/2") Ewo | Geka – 11 m
- Cleaning piece for cleaning the material hose DN25 male part | Geka
- Spraying gun DN25-360° S14 200 Geka
- Air compressor COMP P-200, 230 V, 1 Ph, 50 Hz,  0.5 kW, 200 l/min with pressure control
- Connection cable 3 x 2.5 mm², BLU 3-16 A | BLA 2-16 A – 25 m

Output – pump unit

- Rotor SD 6–3 slimline / Stator SD 6–3 slimline
- Pump capacity*: 20 l/min, 25 bar, up to 30 m conveying distance for fillers, up to 15 m conveying distance for plaster/grout



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

Recommended accessories / Equipment for

Adhesive mortar Grouting mortar

RITMO XL FC-230V RITMO XL FC-230/400V (230 V)

Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW					
Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6–3 slimline
				00 40 62 89	Stator SD 6–3 slimline
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
				20 45 69 31	Remote control cable extension – 25 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>
6 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°
				00 41 89 75	JETSET pro DN25 Ewo

Light plaster

Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW					
Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6–3 slimline
				00 40 62 89	Stator SD 6–3 slimline
2 Mixing shaft				00 54 74 70	BIONIK RITMO XL light plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka
				00 20 64 40	DN25-360° S14 600-30° Geka
				00 24 70 18	DN25-360° S14 900-30° Geka
				00 24 70 22	DN25-360° S14 1200-30° Geka
6 Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz

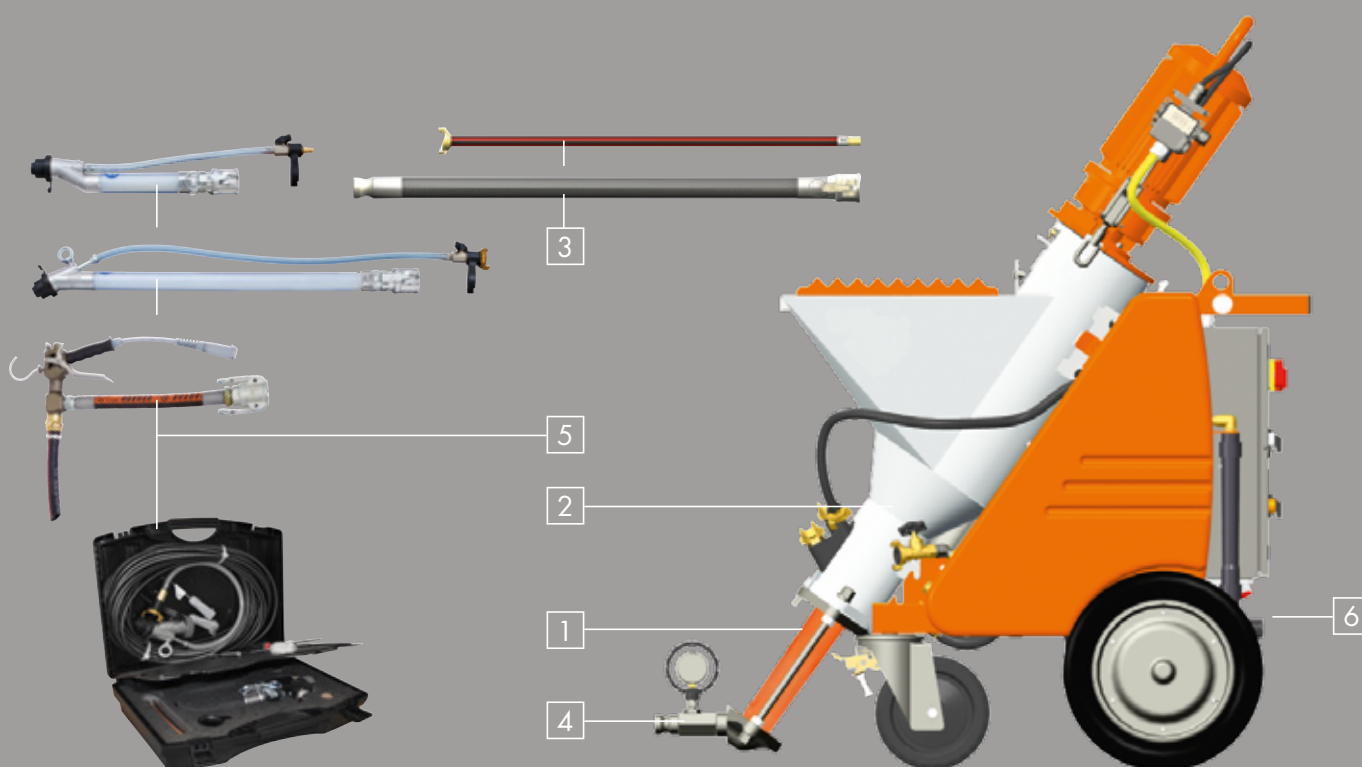
Fire protection mortar
Gypsum / Gypsum-lime plaster
Lime-cement render < 3 mm
Loam plaster, dry

RITMO XL FC-230V
RITMO XL FC-230/400V (230 V)

Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW


Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 40 62 88	Rotor SD 6-3 slimline	
					00 40 62 89	Stator SD 6-3 slimline	
2	Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	
3	Hoses and cables				00 02 11 00	RONDO DN25 - 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka - 11 m	
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
					00 20 64 40	DN25-360° S14 600-30° Geka	
					00 24 70 18	DN25-360° S14 900-30° Geka	
					00 24 70 22	DN25-360° S14 1200-30° Geka	
6	Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz 	
Standard							
Optional							
Alternative							




Insulating plaster

RITMO XL FC-230V
RITMO XL FC-230/400V (230 V)

Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW					
Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6–3 slimline
				00 40 62 89	Stator SD 6–3 slimline
2 Mixing shaft				00 54 97 72	BIONIK RITMO XL insulating plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
5 Spraying gun				00 04 62 26	Squeeze valve DN25 S14 30° Geka
				00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function
6 Compressor				00 19 62 21	COMP P-200, 230V, 1 Ph, 50 Hz 
7 Hopper				00 20 18 70	Extension hopper – 140 litre to increase the hopper volume

Floor filler Thin screed

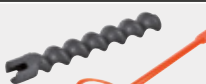










Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW					
Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6–3 slimline
				00 40 62 89	Stator SD 6–3 slimline
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
				20 45 69 16	Remote control cable with switch – 50 m on cable reel 

Reinforcement mortar

RITMO XL FC-230V
RITMO XL FC-230/400V (230 V)

Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW

Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 40 62 88	Rotor SD 6–3 slimline	
					00 40 62 89	Stator SD 6–3 slimline	
2	Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster	     
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m <i>Recommended for spraying gun decorative plaster</i>	
					00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m <i>Recommended for JETSET pro</i>	
					20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>	
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>		
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	  
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>	
					00 41 89 75	JETSET pro DN25 Ewo	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	 
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>	
Standard							
Optional							
Alternative							



3

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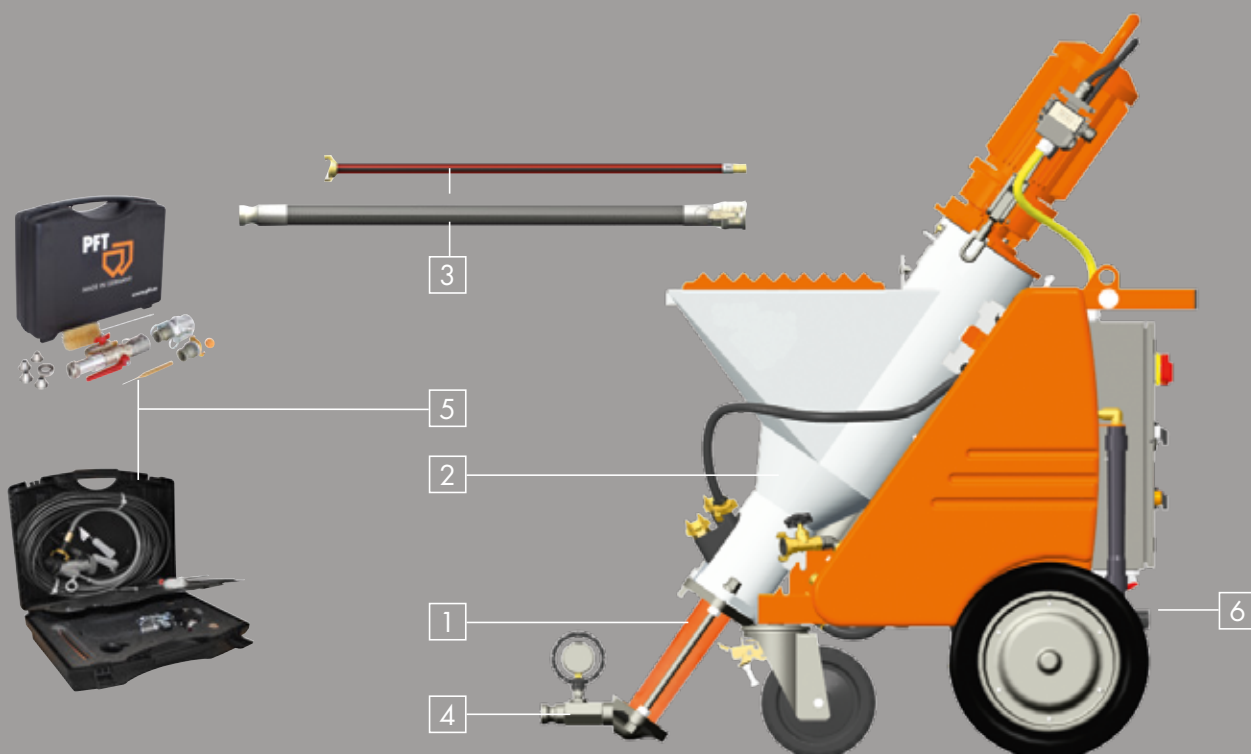
6

Finishing coat, mineral

Finishing coat, pasty

RITMO XL FC-230V
RITMO XL FC-230/400V (230 V)





Part no. 00 19 78 19 RITMO XL FC-230V, 1 Ph, 50 Hz, 4 kW					
Part no. 00 19 78 21 RITMO XL FC-230/400V (230 V), 230/400 V, 1/3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 40 62 88	Rotor SD 6–3 slimline
				00 40 62 89	Stator SD 6–3 slimline
2 Mixing shaft				00 54 09 52	BIONIK RITMO XL machine plaster
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m <i>Recommended for JETSET pro and spraying gun finishing coat</i>
				20 45 69 29	Remote control cable with switch – 25 m <i>Recommended for spraying gun finishing coat</i>
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for JETSET pro</i>
5 Spraying gun				00 23 21 06	Spraying set for finishing coat
				00 41 89 75	JETSET pro DN25 Ewo
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Recommended for control via compressed air</i>
Standard					
Optional					
Alternative					










Accessories – Start-up

Part no.	Description
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)
00 10 94 40	Extension cable 3 x 4 mm ² , BLU 3-32 A – 25 m (230 V/1 Ph)
00 06 33 40	Extension cable 5 x 4 mm ² , BLU 3-32 A – 25 m (230 V/3 Ph)
00 06 33 41	Extension cable 5 x 4 mm ² , BLU 5-32 A – 50 m (230 V/1 Ph)
20 42 34 20	Extension cable 3 x 2.5 mm ² , BLU 3-16 A BLU 2-16 A – 25 m (230 V/1 Ph)
<i>More information: Page 07_33</i>	
00 02 11 03	RONDO DN25 – 5 m
00 11 17 99	RONDO DN25 – 7.5 m
00 02 11 00	RONDO DN25 – 10 m
00 02 11 01	RONDO DN25 – 15 m
00 02 11 02	RONDO DN25 – 20 m
00 02 11 06	RONDO DN35 – 4.4 m
00 02 11 04	RONDO DN35 – 10 m
00 02 11 05	RONDO DN35 – 20 m
00 02 11 23	RONDO DN35 pouring hose – 13.3 m
<i>More information: From page 07_28</i>	
20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m
20 21 16 01	Air hose DN12 (1/2") Ewo Geka – 15 m
00 07 72 40	Air hose DN9 (3/8") Ewo Ewo – 5 m
00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m
<i>More information: Page 07_31</i>	

Extras

Part no.	Description
00 20 18 70	Extension hopper – 140 litre to increase the hopper volume
00 20 79 57	Cover for material hopper RITMO XL
<i>More information: Page 07_25</i>	
20 45 69 29	Remote control cable with switch – 25 m 
20 45 69 16	Remote control cable with switch – 50 m on cable reel 
20 45 69 31	Extension for remote control cable – 25 m 
<i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i>	
20 45 69 34	Extension for remote control cable – 50 m 
<i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i>	
<i>More information: Page 07_33</i>	

Extras

Part no.	Description	
00 42 00 58	ZARGOMAT pro DN25-360°	
00 41 89 75	JETSET pro DN25 Ewo	
00 23 21 06	Spraying set for finishing coat	
	<i>More information: Page 07_22</i>	
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with pressure switch-off and flow monitor	
	<i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>	
00 13 66 19	Suction strainer with filter screen	
	<i>More information: Page 07_07</i>	
00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW 250 l/min – max. 4 bar with pressure switch-off	
00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.52 kW 200 l/min – max. 3.4 bar with pressure switch-off	
00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz, 2.2 kW 390 l/min – max. 10 bar with pressure switch-off	
00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz, 3 kW 560 l/min – max. 10 bar with pressure switch-off	
	<i>More information: Page 07_10</i>	
20 21 11 00	Water hose DN12 (1/2") Geka I Geka – 5 m	
20 21 57 00	Spray nozzle DN19 (3/4") Geka	
00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
20 21 68 02	Pressure tester 0 - 100 bar with DN25 female part	
20 10 43 01	Consistency checking tube DN25 female part	
	<i>More information: From page 07_14</i>	

Spare parts

Part no.	Description
Machine	
00 17 33 57	Protection grille
00 21 45 19	Fixing screw for protection grille
00 52 14 10	Hauling bracket BIONIK, casting
00 14 66 94	Wheel rear
00 08 90 15	Castor 230 mm
00 08 90 14	Double-stop castor 230 mm
Water-wearing parts	
20 18 50 04	Water flow meter 150 – 1,500 l/h
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs
20 15 28 01	Solenoid coil 42 V
00 19 95 98	Water manifold RITMO XL, 230 V
20 20 17 00	Gasket Geka coupling p.u. = 50 pcs
Grout-wearing parts – wet	
20 20 05 00	Cam lever with Circlip
20 20 06 00	Dowel pin for mortar coupling 6 x 30 p.u. = 20 pcs
00 09 90 88	Pressure gauge mixing pumps
00 46 76 69	Pressure flange pro D-pump 1 1/4" internal thread – straight with PIN (rotatable)
00 47 35 99	Pressure flange pro R-pump 1 1/4" internal thread – straight with PIN (rotatable)
00 46 76 31	PIN for pressure flange R- and D-pump
00 54 22 84	Cleaning shaft BIONIK RITMO XL
20 10 23 20	Mixing tube cleaner for D- and R-pump
Grout-wearing parts – dry	
00 54 09 52	Mixing shaft BIONIK RITMO XL machine plaster
00 19 52 32	Rubber mixing tube D- and R-pump
Air-carrying parts	
00 19 95 94	Air manifold <i>Note: For RITMO XL FC-230V</i>
00 08 75 47	Filter set for compressor COMP R-80
20 13 40 00	Filter set for compressor COMP M-250
00 15 33 26	Filter set for compressor COMP P-400



MIXING PUMPS

BOLEROseries



BOLERO



BOLERO FC-230V

PFT ZARGOMAT pro

The all-rounder for efficient material application

The one-handed sprayer for quick and clean work without wasting away material.



ALWAYS AT YOUR SITE





PFT machines are designed and adapted for a variety of applications. It's crystal clear – use the PFT rating stars for a superior overview. The more stars, the better this PFT solution is suited to the respective material.

Dry mortar (sacks or bulk)			BOLERO	BOLERO FC-230V
More information on the equipment can be found in the respective machine				
Gypsum plasters		Gypsum / Gypsum-lime plaster		
Basic plasters	< 3 mm	Light plaster		
		Lime-cement render		
		Insulating plaster		
	> 3 mm	Lime-cement render		
		Scratch coat		
Adhesive/Reinforcing mortar, mineral-based		Adhesive mortar		
		Reinforcement mortar		
Multicomponent mortar for filling and pouring		Grouting mortar	★ ★ ★ ★	★ ★ ★ ★
		Grouting compound	★ ★ ★ ★	★ ★ ★ ★
Finishing coat	< 3 mm	mineral-based		
		pasty		
Fine filler		mineral-based		
		pasty		
Loam plaster		dry		
		earth-moist		
Masonry mortar		Masonry mortar		
Fire retardant grout		Fire protection mortar	★ ★ ★ ★	★ ★ ★ ★
Concrete restoration mortar		SPCC/PCC grout	★ ★ ★ ★	★ ★ ★ ★
Floor application		Floor screed 35 l		
		Floor screed 60 l		
		Floor screed 85 l		
		Thin screed		
		Floor filler		



Description		BOLERO 400 V, 3 Ph, 50 Hz	BOLERO FC-230V 230 V, 1 Ph, 50 Hz
Part no.		00 23 12 13	00 24 53 37
Application focus		Intermittent action mixing pump for small volumes and long mixing times	Intermittent action mixing pump for small volumes and long mixing times
Strengths and benefits		<ul style="list-style-type: none"> • Intensive mixing • Cleaning port on material hopper • Two fixed speed stages 	<ul style="list-style-type: none"> • Powerful and reliable operation via standard power socket • Intensive mixing • Cleaning port on material hopper • Continuously variable speed control
Basic equipment			
Connection value	Control voltage	400 V, 3 Ph, 50 Hz, 1.9 kW 42 V	230 V, 1 Ph, 50 Hz, 2.2 kW 42 V
Drive	Pump motor	1.9 kW, 181 rpm	2.2 kW, 181 rpm
Mixing tube		not included	not included
Agitator		Agitator BOLERO centro	Agitator BOLERO centro
Grout output with mortar pressure gauge		DN35 female part	DN35 female part
Wheels		2 wheels	2 wheels
Water connection		not included	not included
Operation and control		Start/Stop	Start/Stop and continuously variable speed control
Dimensions			
Filling height		950 mm	950 mm
Hopper content**		68 litres ~ 2.2 sacks	68 litres ~ 2.2 sacks
Length/Width/Height		800/700/1,500 mm	800/700/1,500 mm
Total weight		112 kg	112 kg
Extended scope of delivery			
Mortar hose		not included	not included
External vibrator		not included	not included
Water pump for pressure boosting***		not included	not included
Water flow meter		not included	not included
Air compressor		not included	not included
Spraying gun		not included	not included
Connection cable		not included	3 x 2.5 mm², BLU 3-16 A BLA 2-16 A – 25 m
Water hose/Air hose		not included	not included
Performance data			
Pump unit*		D 4-2 · 10 l/min · 20 bar	D 4-2 · 9 l/min · 20 bar
Conveying distance*		20 m in DN25 30 m in DN35	20 m in DN25 30 m in DN35
For more information see page		02.3_07	02.3_08

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative

** Sack content 30 kg

*** The water pump specification refers to machines with a pressure booster pump. Machines without a pressure booster pump ("not included") can be easily retrofitted; more information: See page 07_07

BOLERO FC-230V
230 V, 1 Ph, 60 Hz

00 27 20 24

Intermittent action mixing pump
for small volumes and long mixing times

- Intensive mixing
- Cleaning port on material hopper
- Two fixed speed stages

230 V, 3 Ph, 60 Hz, 2 kW
42 V

2 kW, 181 rpm

not included

Agitator BOLERO centro

DN35 female part

2 wheels

not included

Start/Stop

950 mm

68 litres ~ 2.2 sacks

800/700/1,500 mm

112 kg

not included

not included

not included

not included

not included

not included

not included

not included

D 4-2 · 10 l/min · 20 bar

20 m in DN25

30 m in DN35

MIXING and PUMPING
the right way – with the
PFT BOLERO

This smart solution supports infinite mixing; in this way, materials with a long mixing time in particular can be processed safely, and with perfect quality. The pump is switched on at the push of a button and easily transported to the processing location.



BOLERO FC-230V

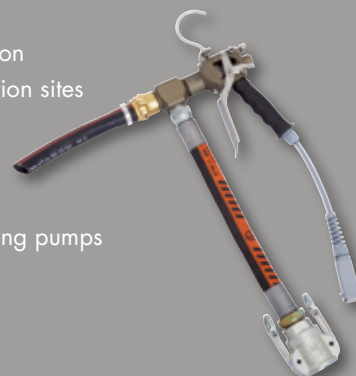
**PFT BOLERO**

- Affordable, manoeuvrable machine solution for smaller construction sites
- Combined mixing, pumping and spraying machine with anti-clockwise or clockwise rotation
- Prescribed mixing and grout soaking times can be precisely maintained
- Practically rules out mixing errors
- A PFT compressor can be used for spraying with air support
- Light and easy to transport
- Two speeds
- Integrated mortar pressure gauge
- Large wheels suitable for construction site

PFT *praktive* tip**Easy, fast, rational with the PFT ZARGOMAT pro DN25-360°**

The single-hand-sprayer for rational application of adhesive mortar.

- Quick and clean material application
- Robust design suitable for construction sites
- Quick and simple cleaning
- A pivot enables fatigue-free work
- Integrated remote control switch
- For all popular mixing and conveying pumps
- Practical frame hook for mounting



ZARGOMAT pro



Part no. Description

00 23 12 13

BOLERO

400 V, 3 Ph, 50 Hz, 1.9 kW



Basic equipment

- Pump drive 1.9 kW, 181 rpm
- Material hopper, capacity 68 litres ~ 2.2 sacks**
- Filling height adjustable
- Suitable for buckets or bagged material
- Conical material hopper for optimum material flow
- Cleaning port on material hopper
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN35 female part with mortar pressure gauge
- Suction and pressure flanges support the use of D-pump
- Tools include basic accessories
- Small, light, handy, compact and rollable
- Flexible mixing intensity
- Separation of mixing and pumping functions
- Two mixing and pumping stages configurable via switch
- Agitator BOLERO centro
- Connections in the control box:

H4



BOLERO

Extended scope of delivery

- Remote control cable with switch – 0.35 m
- Extension for remote control cable – 25 m

H4

H4

Output – pump unit

- Rotor D 4–2 / Stator D 4–2
- Pump capacity*: 10 l/min, 20 bar,
up to 20 m conveying distance in DN25
up to 30 m conveying distance in DN35



BOLERO FC-230V



Part no.

Description

00 24 53 37

BOLERO FC-230V

230 V, 1 Ph, 50 Hz, 2.2 kW



Basic equipment

- Pump drive 2.2 kW, 170 rpm
- Material hopper, capacity 68 litres ~ 2.2 sacks**
- Filling height adjustable
- Suitable for buckets or bagged material
- Conical material hopper for optimum material flow
- Cleaning port on material hopper
- 42 volts control voltage for maximum operational reliability
- Ready for remote control cable
- Grout outlet DN35 female part with mortar pressure gauge
- Suction and pressure flanges support the use of D-pump
- Tools include basic accessories
- Powerful and reliable operation via standard power socket
- Small, light, handy, compact and rollable
- Flexible mixing intensity
- Separation of mixing and pumping functions
- Frequency converter (FC) for infinitely variable speed control and torque amplification
- Connections in the control box:



BOLERO FC-230V

Extended scope of delivery

- Remote control cable with switch – 0.35 m
- Extension for remote control cable – 25 m
- Connection cable 3 x 2.5 mm², BLU 3-16 A | BLA 2-16 A – 25 m

Output – pump unit

- Rotor D 4–2 / Stator D 4–2
- Pump capacity*: 9 l/min, 20 bar,
up to 20 m conveying distance in DN25
up to 30 m conveying distance in DN35



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative






** Sack content 30 kg

Concrete restoration mortar – for minor repair work

BOLERO
BOLERO FC-230V

Part no. 00 23 12 13 BOLERO 400 V, 3 Ph, 50 Hz, 1.9 kW

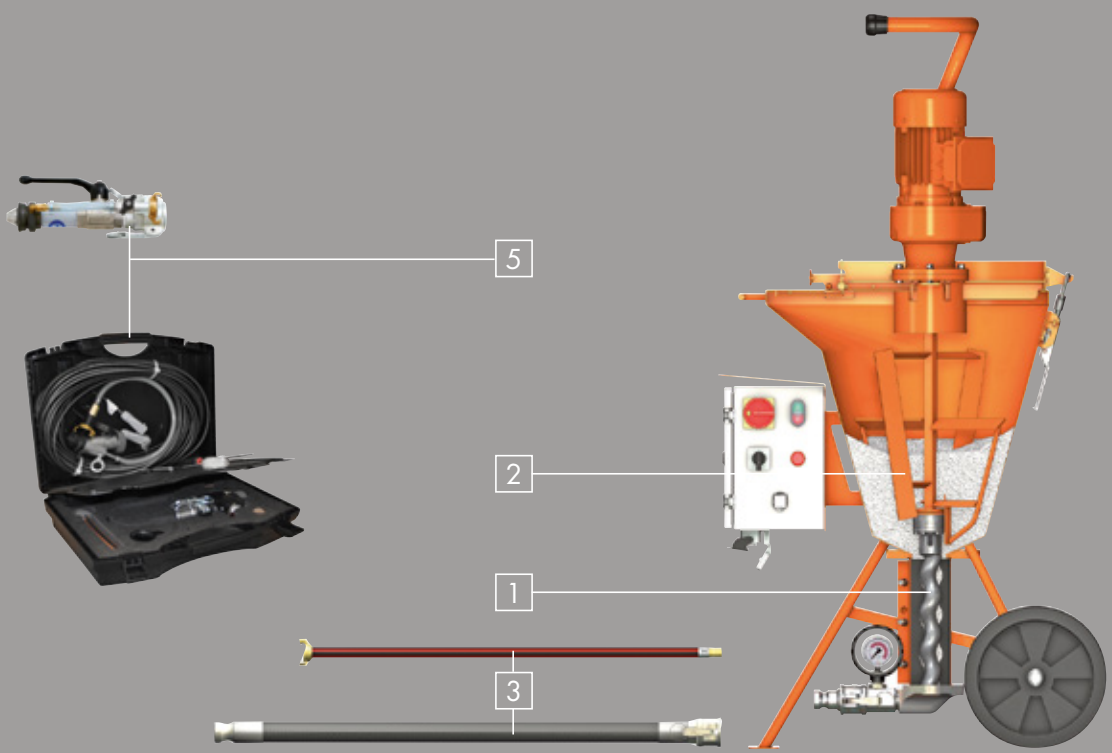
Part no. 00 24 53 17 BOLERO FC-230V, 230 V, 1 Ph, 50 Hz, 2.2 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 40 00	Rotor D 4-2 / 60 super	
					20 11 52 00	Stator D 4-2	
					00 52 60 14	Clamp D-pump 270 mm	
2	Agitator				00 47 37 16	BOLERO centro	
3	Hoses and cables				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m <i>Recommended for spraying gun decorative plaster</i>	
					20 45 69 29	Remote control cable with switch – 25 m H 4 <i>Recommended for spraying gun decorative plaster</i>	
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz BLL 216	
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz RED 516	

Fire protection mortar
Multicomponent mortar for filling and pouring
Grouting compound
Grouting mortar

BOLERO
BOLERO FC-230V







Part no. 00 23 12 13 BOLERO 400 V, 3 Ph, 50 Hz, 1.9 kW					
Part no. 00 24 53 37 BOLERO FC-230V, 230 V, 1 Ph, 50 Hz, 2.2 kW					
Areas	S	O	A	Part no.	Description
1 Pump				20 11 40 00	Rotor D 4-2 / 60 super
				20 11 52 00	Stator D 4-2
				00 52 60 14	Clamp D-pump 270 mm
2 Agitator				00 47 37 16	BOLERO centro
3 Hoses and cables				00 02 11 00	RONDO DN25 – 10 m
				20 45 69 31	Extension for remote control cable – 25 m H 4
5 Spraying gun				00 41 89 75	JETSET pro DN25 Ewo H 4
Standard					
Optional					
Alternative					



Accessories – Start-up

Part no.	Description
20 42 33 60	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 25 m (400 V/3 Ph)
20 42 33 50	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 50 m (400 V/3 Ph)
20 42 34 20	Extension cable 3 x 2.5 mm ² , BLU 3-16 A BLU 2-16 A – 25 m (230 V/1 Ph)
<i>More information: Page 07_33</i>	
00 02 11 03	RONDO DN25 – 5 m
00 11 17 99	RONDO DN25 – 7.5 m
00 02 11 00	RONDO DN25 – 10 m
00 02 11 01	RONDO DN25 – 15 m
00 02 11 02	RONDO DN25 – 20 m
<i>More information: From page 07_28</i>	
20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m
20 21 16 01	Air hose DN12 (1/2") Ewo Geka – 15 m
00 07 72 40	Air hose DN9 (3/8") Ewo Ewo – 5 m
00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m
<i>More information: Page 07_31</i>	

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
20 45 69 16	Remote control cable with switch – 50 m on cable reel 
20 45 69 31	Extension for remote control cable – 25 m  <i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i>
20 45 69 34	Extension for remote control cable – 50 m  <i>Note: For ZARGOMAT pro, JETSET pro, remote control cable with switch</i>
<i>More information: Page 07_33</i>	
00 42 00 58	ZARGOMAT pro DN25-360° 
00 41 89 75	JETSET pro DN25 Ewo 
00 23 21 06	Spraying set for finishing coat
<i>More information: Page 07_22</i>	

Extras

Part no.	Description	
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>	
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_07</i>	
00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW 250 l/min – max. 4 bar with pressure switch-off	
00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.52 kW 200 l/min – max. 3.4 bar with pressure switch-off	
00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz, 2.2 kW 390 l/min – max. 10 bar with pressure switch-off	
00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz, 3 kW 560 l/min – max. 10 bar with pressure switch-off <i>More information: From page 07_10</i>	
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m	
20 21 57 00	Spray nozzle DN19 (3/4") Geka	
00 11 38 56	Purging hose DN10 Geka – 11 m For quick and easy cleaning of material hoses	
20 21 68 02	Pressure tester 0 - 100 bar with DN25 female part	
20 10 43 01	Consistency checking tube DN25 female part <i>More information: From page 07_14</i>	

Spare parts

Part no.	Description	
Machine		
00 23 14 65	Protection grille	
00 23 27 38	Hauling bracket	
00 17 51 89	Wheel rear	
Grout-wearing parts – wet		
00 23 11 60	Freewheel for agitator <i>Note: Only for machines before 2015</i>	
20 20 05 00	Cam lever with Circlip	
20 20 06 00	Dowel pin for mortar coupling 6 x 30	p.u. = 20 pcs
00 09 90 88	Pressure gauge mixing pumps	
00 23 28 90	Pump shaft BOLERO	
Grout-wearing parts – dry		
00 47 37 14	Agitator BOLERO centro with freewheel	
00 47 37 16	Agitator BOLERO centro	



CONTINUOUS MIXER

For bagged material:

- LOTUS XS
- LOTUSseries HM 24
- LOTUSseries HM 2002
- LOTUSseries HM 2006
- LOTUS XXL bag

For silo:

- LOTUSseries HM 106 OCTAGON
- LOTUS XL
- LOTUS XL FC-230V
- LOTUS XL light
- LOTUSseries HM 5 OCTAGON
- LOTUSseries HM 5 super



Description	LOTUS XS 230 V, 1 Ph, 50 Hz	LOTUS XS 230 V, 1 Ph, 50 Hz
Part no.	00 28 26 13 	00 24 60 57 
Application focus	Bagged material mixer	Bagged material mixer
Strengths and benefits	<ul style="list-style-type: none"> • Water volume via pressure gauge • Simple operation • Minimal maintenance and cleaning effort • Reach-in protected grout outlet • Easy to transport • Small, light, handy and compact • Rollable, removable pedestal • Without lowered outlet ports to allow a PFT conveying pump or mortar bucket to be easily positioned underneath 	<ul style="list-style-type: none"> • Simple operation • Minimal maintenance and cleaning effort • Reach-in protected grout outlet • Easy to transport • Small, light, handy and compact • Rollable, removable pedestal • Without lowered outlet ports to allow a PFT conveying pump or mortar bucket to be easily positioned underneath
Basic equipment		
Connection value	230 V, 1 Ph, 50 Hz, 1.3 kW 	230 V, 1 Ph, 50 Hz, 1.3 kW 
Drive motor	1.3 kW, 280 rpm	1.3 kW, 280 rpm
Mixing tube	Steel mixing tube	Steel mixing tube
Pedestal	removable	removable
Wheels	2 wheels	2 wheels
Water connection	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Operation and control	Start/Stop	Start/Stop
Dimensions		
Filling height	975 – 1,115 mm	975 – 1,115 mm
Hopper content**	50 litres ~ 1.6 sacks	50 litres ~ 1.6 sacks
Outlet height	535 – 675 mm adjustable	535 – 675 mm adjustable
Length/Width/Height	1,240/635/975 – 1,115 mm, height-adjustable	1,240/635/975 – 1,115 mm, height-adjustable
Total weight	66 kg	66 kg
Extended scope of delivery		
Water flow meter	with pressure gauge	not included
Dosing shaft	20 l/min	20 l/min
Pressure booster pump	not included	not included
Connection cable	not included	not included
Water hose/Air hose	not included	not included
Silo/Container handover	not possible	not possible
Performance data		
Mixing output*	20 l/min	20 l/min
Maximum grain size	4 mm	4 mm

For more information see page

03_11

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

LOTUS XS 230 V, 1 Ph, 50 Hz	LOTUSseries HM 2002, 230 V, 1 Ph, 50 Hz	LOTUSseries HM 2002, 230 V, 1 Ph, 50 Hz
00 26 69 50	00 02 04 73	20 54 60 03
		
Bagged material mixer	Bagged material mixer	Bagged material mixer
<ul style="list-style-type: none"> • Pressure booster pump • Simple operation • Minimal maintenance and cleaning effort • Reach-in protected grout outlet • Easy to transport • Small, light, handy and compact • Rollable, removable pedestal 	<ul style="list-style-type: none"> • Rubber mixing tube • Space-saving drive • Simple operation • Minimal maintenance and cleaning effort • Removable grout outlet • Small, light, handy and compact 	<ul style="list-style-type: none"> • Steel mixing tube • Space-saving drive • Simple operation • Minimal maintenance and cleaning effort • Removable grout outlet • Small, light, handy and compact
230 V, 1 Ph, 50 Hz, 1.3 kW 	230 V, 1 Ph, 50 Hz, 2.2 kW 	230 V, 1 Ph, 50 Hz, 2.2 kW 
1.3 kW, 280 rpm	2.2 kW, 280 rpm	2.2 kW, 280 rpm
Steel mixing tube	Rubber mixing tube	Steel mixing tube
removable	static	static
2 wheels	2 wheels	2 wheels
Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Start/Stop	Start/Stop	Start/Stop
975 – 1,115 mm	1,000 mm	1,000 mm
50 litres ~ 1.6 sacks	110 litres ~ 3.5 sacks	110 litres ~ 3.5 sacks
535 – 675 mm adjustable	600 mm	600 mm
1,240/635/975 – 1,115 mm, height-adjustable	1,870/600/1,040 mm	1,870/600/1,040 mm
69 kg	100 kg	100 kg
not included	not included	not included
20 l/min	30 l/min	30 l/min
AVO 500  230 V, 1 Ph, 50 Hz, 0.37 kW	not included	not included
not included	not included	not included
not included	not included	not included
not possible	not possible	not possible
20 l/min	30 l/min	30 l/min
4 mm	4 mm	4 mm

03_13



Description	LOTUSseries HM 24, 400 V, 3 Ph, 50 Hz	LOTUSseries HM 24, 400 V, 3 Ph, 50 Hz	LOTUSseries HM 24, 400 V, 3 Ph, 50 Hz
Part no.	00 02 03 57	00 00 87 83	00 07 02 19
			
Application focus	Bagged material and silo mixer	Bagged material and silo mixer	Bagged material and silo mixer
Strengths and benefits	<ul style="list-style-type: none"> • Rubber mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact • Phase inverter in connecting plug 	<ul style="list-style-type: none"> • Steel mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact • Phase inverter in connecting plug 	<ul style="list-style-type: none"> • Rubber mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact • Phase inverter in connecting plug
Basic equipment			
Connection value Control voltage	400 V, 3 Ph, 50 Hz, 3 kW 	400 V, 3 Ph, 50 Hz, 3 kW 	400 V, 3 Ph, 50 Hz, 3 kW 42 V 
Drive motor	3 kW, 280 rpm	3 kW, 280 rpm	3 kW, 280 rpm
Mixing tube	Rubber mixing tube	Steel mixing tube	Rubber mixing tube
Pedestal	static	static	static
Wheels	2 wheels	2 wheels	2 wheels
Water connection	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Operation and control	Start/Stop	Start/Stop	Start/Stop
Dimensions			
Filling height	970 mm	970 mm	970 mm
Hopper content**	110 litres ~ 3.5 sacks	110 litres ~ 3.5 sacks	110 litres ~ 3.5 sacks
Outlet height	650 mm	650 mm	650 mm
Length/Width/Height	1,870/670/970 mm	1,870/670/970 mm	1,870/670/970 mm
Total weight	110 kg	110 kg	113 kg
Extended scope of delivery			
Water flow meter	100 – 1,000 l/h	100 – 1,000 l/h	100 – 1,000 l/h
Dosing shaft	35 l/min	35 l/min	35 l/min
Pressure booster pump	not included	not included	AVO 500 230 V, 1 Ph, 50 Hz, 0.37 kW 
Connection cable	not included	not included	not included
Water hose/Air hose	not included	not included	not included
Silo/Container handover	possible through delivery hood	possible through delivery hood	possible through delivery hood
Performance data			
Mixing output*	20 – 50 l/min	20 – 50 l/min	20 – 50 l/min
Maximum grain size	6 mm	6 mm	6 mm
For more information see page	03_15		03_16

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

LOTUSseries HM 24, 400 V, 3 Ph, 50 Hz	LOTUSseries HM 2006, 230 V, 1 Ph, 50 Hz	LOTUSseries HM 2006, 400 V, 3 Ph, 50 Hz
00 01 01 27	00 07 26 20	00 06 86 93
		
Bagged material and silo mixer	Bagged material and silo mixer	Bagged material and silo mixer
<ul style="list-style-type: none"> • Steel mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact 	<ul style="list-style-type: none"> • Water volume via pressure gauge • Simple operation • Minimal maintenance and cleaning effort • Reach-in protected grout outlet • Easy to transport • Small, light, handy and compact 	<ul style="list-style-type: none"> • Water volume via pressure gauge • Simple operation • Minimal maintenance and cleaning effort • Reach-in protected grout outlet • Easy to transport • Small, light, handy and compact
400 V, 3 Ph, 50 Hz, 5.5 kW 	230 V, 1 Ph, 50 Hz, 2 kW 	400 V, 3 Ph, 50 Hz, 4 kW 
5.5 kW, 292 rpm	2 kW, 280 rpm	4 kW, 280 rpm
Steel mixing tube	Rubber mixing tube	Rubber mixing tube
static	removable	removable
2 wheels	2 wheels	2 wheels
Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Start/Stop	Start/Stop	Start/Stop
970 mm	1,000 mm	1,000 mm
110 litres ~ 3.5 sacks	110 litres ~ 3.5 sacks	110 litres ~ 3.5 sacks
650 mm	650 mm	650 mm
1,870/670/970 mm	1,650/650/1,000 mm	1,650/650/1,000 mm
110 kg	123 kg	123 kg
100 – 1,000 l/h	with pressure gauge	with pressure gauge
35 l/min	35 l/min	35 l/min
AVO 500  400 V, 3 Ph, 50 Hz, 0.37 kW	not included	not included
not included	not included	not included
not included	not included	not included
possible through delivery hood	possible through delivery hood	possible through delivery hood
25 – 80 l/min	20 – 35 l/min	20 – 50 l/min
6 mm	4 mm	6 mm
03_17	03_19	03_19






Description	LOTUS XXL bag 400 V, 3 Ph, 50 Hz	LOTUSseries HM 106 OCTAGON, 400 V, 3 Ph, 50 Hz
Part no.	00 60 91 45	00 04 73 23
		
Application focus	Bagged material and silo mixer	Silo mixer
Strengths and benefits	<ul style="list-style-type: none"> • Rubber mixing tube • Dry and wet sensor control • Removable grout outlet • Easy to transport • For stiff material • Peak output 90 l/min • Maximum grain size up to 16 mm 	<ul style="list-style-type: none"> • Rubber mixing tube • Prepared for connection of level sensor and external vibrator • Minimal maintenance and cleaning effort • Phase sequence indicator • Phase inverter in main switch • Removable grout outlet • Easy to transport
Basic equipment		
Connection value	400 V, 3 Ph, 50 Hz, 7.5 kW	400 V, 3 Ph, 50 Hz, 3 kW
Control voltage	42 V	42 V
Drive motor	7.5 kW, 254 rpm	3 kW, 280 rpm
Mixing tube	Rubber mixing tube	Rubber mixing tube
Pedestal	static	not included
Wheels	2 wheels	not included
Water connection	Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN12 (1/2") – 2.5 bar operating pressure
Operation and control	Start/Stop Auto-stop time control	Start/Stop and automatic control via level sensor and external vibrator
Dimensions		
Filling height	1,175 mm	
Hopper content**	110 litres ~ 3.5 sacks	
Outlet height	620 mm	
Length/Width/Height	2,545/770/1,175 mm	1,300/210/500 mm
Total weight	255 kg	82 kg
Extended scope of delivery		
Water flow meter	150 – 1,500 l/h	with pressure gauge
Dosing shaft	90 l/min	20 l/min
Pressure booster pump	not included	not included
Connection cable	not included	not included
Water hose/Air hose	not included	not included
Silo/Container handover	possible through delivery hood	Connecting flange Ø 250 mm
Performance data		
Mixing output*	90 l/min	20 – 50 l/min
Maximum grain size	16 mm	6 mm







For more information see page

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

LOTUSseries HM 106 OCTAGON, 400 V, 3 Ph, 50 Hz	LOTUS XL 400 V, 3 Ph, 50 Hz	LOTUS XL 400 V, 3 Ph, 50 Hz
00 04 73 24	00 08 92 61	00 10 61 23
		
Silo mixer	Silo mixer	Silo mixer
<ul style="list-style-type: none"> • Rubber mixing tube • Phase sequence indicator • Phase inverter in connecting plug • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport 	<ul style="list-style-type: none"> • Fully encapsulated control unit • Water pump • Rubber mixing zone • Automatic phase inverter • Minimal maintenance and cleaning effort • Mixer is divisible • Soiling-protected gearbox • Reduced residual amount zone in feed area 	<ul style="list-style-type: none"> • Prepared for connection of level sensor and external vibrator • Fully encapsulated control unit • Water pump • Rubber mixing zone • Automatic phase inverter • Minimal maintenance and cleaning effort • Mixer is divisible • Soiling-protected gearbox • Reduced residual amount zone in feed area
400 V, 3 Ph, 50 Hz, 3 kW	400 V, 3 Ph, 50 Hz, 4 kW	400 V, 3 Ph, 50 Hz, 5.5 kW
3 kW, 280 rpm	4 kW, 280 rpm	5.5 kW, 292 rpm
Rubber mixing tube	Rubber mixing tube	Rubber mixing tube
not included	not included	not included
not included	not included	not included
Geka DN12 (1/2") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Start/Stop	Start/Stop	Start/Stop and automatic control via level sensor and external vibrator
1,300/210/500 mm	2,030/720/730 mm	2,030/720/730 mm
82 kg	171.5 kg	171.5 kg
with pressure gauge	150 – 1,500 l/h	150 – 1,500 l/h
20 l/min	45 l/min	60 l/min
not included	AVO 500 400 V, 3 Ph, 50 Hz, 0.37 kW	AVO 500 400 V, 3 Ph, 50 Hz, 0.37 kW
not included	not included	not included
not included	not included	not included
Connecting flange Ø 250 mm	Connecting flange Ø 250 mm	Connecting flange Ø 250 mm
20 – 50 l/min	45 – 90 l/min	45 – 90 l/min
6 mm	6 mm	8 mm
	03_21	03_22



Description	LOTUS XL FC-230V 230 V, 1 Ph, 50 Hz	LOTUS XL light 400 V, 3 Ph, 50 Hz	LOTUSseries HM 5 OCTAGON 400 V, 3 Ph, 50 Hz
Part no.	00 12 53 24	00 10 34 95	00 08 94 63
			
Application focus	Silo mixer	Silo mixer	Silo mixer for masonry mortar
Strengths and benefits	<ul style="list-style-type: none"> Fully encapsulated control unit Rubber mixing zone Minimal maintenance and cleaning effort Mixer is divisible Soiling-protected gearbox Reduced residual amount zone in feed area 	<ul style="list-style-type: none"> Phase inverter in connecting plug Phase sequence indicator Rubber mixing zone Minimal maintenance and cleaning effort Mixer is divisible Soiling-protected gearbox Reduced residual amount zone in feed area 	<ul style="list-style-type: none"> Rubber mixing tube With integrated control box Swivelling mixing tube Minimal maintenance and cleaning effort Removable grout outlet Easy to transport Handy and compact Connection for level indicator Mixing time via time relay or level indicator Heating strip enhances frost resistance
Basic equipment			
Connection value Control voltage	230 V, 1 Ph, 50 Hz, 4 kW 42 V 	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V 	400 V, 3 Ph, 50 Hz, 5.5 kW 42 V 
Drive motor	4 kW, 280 rpm	5.5 kW, 292 rpm	5.5 kW, 292 rpm
Mixing tube	Rubber mixing tube	Rubber mixing tube	Rubber mixing tube
Pedestal	not included	not included	not included
Wheels	not included	not included	not included
Water connection	Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Operation and control	Start/Stop of mixing time via time relay or level indicator. Vibrator via mixer motor	Start/Stop of mixing time via time relay or level indicator. Vibrator via mixer motor	Start/Stop of mixing time via time relay or level indicator. Vibrator via mixer motor
Dimensions			
Filling height			
Hopper content**			
Outlet height			
Length/Width/Height	1,215/645/880 mm	1,215/645/880 mm	2,040/390/385 mm
Total weight	171.5 kg	171.5 kg	168 kg
Extended scope of delivery			
Water flow meter	not included	not included	with pressure gauge
Dosing shaft	45 l/min	45 l/min	60 l/min
Pressure booster pump	not included	not included	not included
Connection cable	not included	not included	not included
Water hose/Air hose	not included	not included	not included
Silo/Container handover	Connecting flange Ø 250 mm	Connecting flange Ø 250 mm	Connecting flange Ø 250 mm
Performance data			
Mixing output*	45 l/min	45 – 90 l/min	45 – 90 l/min
Maximum grain size	4 mm	8 mm	8 mm

For more information see page

03_24

03_25

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

LOTUSseries HM 5 OCTAGON 400 V, 3 Ph, 50 Hz	LOTUSseries HM 5 OCTAGON 400 V, 3 Ph, 50 Hz	LOTUSseries HM 5 super, 400 V, 3 Ph, 50 Hz
00 07 83 63	00 43 26 17	20 54 50 03
		
Silo mixer for earth-moist material	Silo mixer	Silo mixer
<ul style="list-style-type: none"> • Rubber mixing tube • With integrated control box • Swivelling mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact • Connection for level indicator • Mixing time via time relay or level indicator • Heating strip enhances frost resistance 	<ul style="list-style-type: none"> • Rubber mixing tube • With integrated control box • Swivelling mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact • Connection for level indicator • Mixing time via time relay or level indicator • Heating strip enhances frost resistance 	<ul style="list-style-type: none"> • External vibrator control • With integrated control box • Swivelling mixing tube • Minimal maintenance and cleaning effort • Removable grout outlet • Easy to transport • Handy and compact • Vibrator control pulse breaks • Connection for level indicator • Mixing time via time relay or level indicator • Heating strip enhances frost resistance
400 V, 3 Ph, 50 Hz, 5.5 kW 	400 V, 3 Ph, 50 Hz, 5.5 kW 	400 V, 3 Ph, 50 Hz, 5.5 kW 
5.5 kW, 292 rpm	5.5 kW, 292 rpm	5.5 kW, 292 rpm
Rubber mixing tube	Rubber mixing tube	Steel mixing tube
not included	not included	not included
not included	not included	not included
Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure	Geka DN19 (3/4") – 2.5 bar operating pressure
Start/Stop of mixing time via time relay or level indicator. Vibrator via mixer motor	Start/Stop of mixing time via time relay or level indicator. Vibrator via mixer motor	Start/Stop of mixing time via time relay or level indicator. Vibrator via mixer motor
2,040/390/385 mm	2,040/390/385 mm	2,040/390/385 mm
168 kg	174 kg	174 kg
with pressure gauge	with pressure gauge	150 – 1,500 l/h
90 l/min	45 l/min	60 l/min
not included	not included	not included
not included	not included	not included
not included	not included	not included
Connecting flange Ø 250 mm	Connecting flange Ø 250 mm	Connecting flange Ø 250 mm
45 – 90 l/min	45 – 90 l/min	45 – 90 l/min
8 mm	8 mm	8 mm

03_27

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net



Part no. **Description**

00 24 60 57

LOTUS XS

230 V, 1 Ph, 50 Hz, 1.3 kW



Basic equipment

- Drive motor 1.3 kW, 280 rpm
- Bagged material mixer
- Material hopper, capacity 50 litres ~ 1.6 sacks**
- Filling height adjustable
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Powerful and reliable operation via standard power socket
- Simple operation
- Minimal maintenance and cleaning effort
- Reach-in protected special grout outlet
- Removable pedestal
- Water manifold with pressure reducer
- Easy to transport – handle on mixing tube
- Small, light, handy and compact



LOTUS XS



Extended scope of delivery

- Dosing shaft 20 l/min

Mixing output

- 20 l/min*
- Maximum grain size 4 mm

Are you still stirring or are you mixing already?

The PFT LOTUS XS is suitable for all dry mortars up to 4 mm grain size. For everyone looking for a higher-quality mix and more efficiency – in PFT quality, for a fantastic price!

LOTUS XS facts:

- Faster
- Consistent mixing quality
- Effortless
- Reduced formation of dust

PFT *praktive* tip

Retrofit kit

Water flow meter

100 – 1,000 l/h

Part no. 00 51 47 63

- Can be retrofitted to all LOTUS XS models
- Removable
- Quality control
- Precise metering



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

Accessories – Start-up

Part no.	Description
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph) <i>More information: Page 07_33</i>
20 21 21 00	Water hose/Air hose DN19 (3/4") Geka Geka – 40 m <i>More information: Page 07_30</i>

Extras

Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with integrated pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 51 47 63	Retrofit kit for water flow meter 100 – 1,000 l/h for LOTUS XS <i>More information: From page 07_15</i>
00 58 24 29 00 47 94 11	Conversion kit for floor fillers consisting of: • Mortar outlet with holes • Mixing shaft filler plaster The lumps are optimally pulverized by the special mixing shaft <i>Note: Both part numbers are required</i>

Spare parts

Part no.	Description
Machine	
00 24 61 74	Protection grille
Grout-wearing parts – dry	
00 24 62 05	Dosing shaft 20 l/min
00 24 63 08	Dosing anti-wear tube
Grout-wearing parts – wet	
00 24 62 23	Steel mixing tube
00 24 61 94	Mixing shaft
00 47 94 11	Mixing shaft of filler plasters
Water-wearing parts	
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs



Part no. **Description**

00 02 04 73

HM 2002

230 V, 1 Ph, 50 Hz, 2.2 kW



Basic equipment

- Drive motor 2.2 kW, 280 rpm
- Bagged material mixer
- Rubber mixing tube
- Material hopper, capacity 110 litres ~ 3.5 sacks**
- Tool bag including basic accessories
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable special grout outlet
- Water manifold with pressure reducer
- Easy to transport
- Handy and compact



HM 2002

Extended scope of delivery

- Dosing shaft 30 l/min

Mixing output

- 30 l/min*
- Maximum grain size 4 mm

PFT *praktive* tip

Retrofit kit

Water flow meter 100 – 1,000 l/h

Part no. 00 00 10 91

- Can be retrofitted to all HM 2002 models
- Removable
- Quality control
- Precise metering



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

Accessories – Start-up

Part no.	Description
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph) <i>More information: Page 07_33</i>
20 21 21 00	Water hose/Air hose DN19 (3/4") Geka Geka – 40 m <i>More information: Page 07_30</i>

Extras

Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with integrated pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 00 10 91	Retrofit kit for water flow meter 100 – 1,000 l/h for HM 2002 <i>More information: From page 07_15</i>
00 20 67 10	Cover for material hopper

Spare parts

Part no.	Description
Machine	
20 54 62 00	Protection grille
Grout-wearing parts – dry	
20 54 73 00	Dosing shaft 30 l/min
20 54 71 03	Dosing anti-wear tube
Grout-wearing parts – wet	
00 01 25 93	Rubber mixing tube
00 02 14 95	Mixing shaft (3 levels)
00 43 11 98	Sprocket mixing shaft (4 levels)
Water-wearing parts	
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs



Part no.	Description
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00 02 03 57

HM 24

400 V, 3 Ph, 50 Hz, 3 kW



Basic equipment

- Drive motor 3 kW, 280 rpm
- Bagged material mixer
- Rubber mixing tube
- Material hopper, capacity 110 litres ~ 3.5 sacks**
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Powerful and reliable operation
- Simple operation
- Minimal maintenance and cleaning effort
- Removable grout outlet
- Water manifold with pressure reducer
- Easy to transport
- Handy and compact



HM 24

Extended scope of delivery

- Water flow meter 100 – 1,000 l/h – for perfect mixing results
- Dosing shaft 35 l/min

Mixing output

- 25 – 50 l/min*
- Maximum grain size 6 mm



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

LOTUSseries HM 24



Part no. Description

00 07 02 19 HM 24 prepared for fill level sensor
400 V, 3 Ph, 50 Hz, 3 kW



Basic equipment

- Drive motor 3 kW, 280 rpm
- Bagged material mixer
- Rubber mixing tube
- Material hopper, capacity 110 litres ~ 3.5 sacks**
- Tool bag including basic accessories
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable special grout outlet
- Water manifold with pressure reducer
- Easy to transport
- Handy and compact
- Connections in the control box:



HM 24

Extended scope of delivery

- Water flow meter 100 – 1,000 l/h – for perfect mixing results
- Dosing shaft 35 l/min
- Connection option for a level sensor for automatic level monitoring, e.g., of a downstream pump
Note: Applies only to version "HM 24 prepared for level sensor"
- Connection option for external vibrator with hopper – delivery hood (control)
- Water pump as pressure booster pump AVO 500, 230 V, 1 Ph, 50 Hz, 0.37 kW



Mixing output

- 20 – 50 l/min*
- Maximum grain size 6 mm

Extras

Part no. Description

Level sensor for automatic control of HM 24

00 00 16 23 Level sensor with remote control cable – 1.5 m

00 00 24 66 Support for level sensor

Note: Applies only to version "HM 24 prepared for level sensor"

00 12 86 06 External vibrator A10-2.67 – 8 m, 400 V, 3 Ph, 50 Hz



LOTUSseries HM 24



Part no. Description

00 01 01 27

HM 24

400 V, 3 Ph, 50 Hz, 5.5 kW



Basic equipment

- Drive motor 5.5 kW, 292 rpm
- Bagged material mixer
- Steel mixing tube
- Material hopper, capacity 110 litres ~ 3.5 sacks**
- Tool bag including basic accessories
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable grout outlet
- Water manifold with pressure reducer
- Easy to transport
- Handy and compact



HM 24

Extended scope of delivery

- Water flow meter 100 – 1,000 l/h – for perfect mixing results
- Dosing shaft 35 l/min
- Water pump as pressure booster pump AVO 500, 400 V, 3 Ph, 50 Hz, 0.37 kW



Mixing output

- 25 – 80 l/min*
- Maximum grain size 6 mm





* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

Accessories – Start-up

Part no.	Description
20 42 33 50	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 50 m (400 V/3 Ph) <i>More information: Page 07_33</i>
20 21 21 00	Water hose/Air hose DN19 (3/4") Geka Geka – 40 m <i>More information: Page 07_30</i>

Extras



Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with integrated pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i> 
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 45 34 69	Extension hopper – 142 litres
20 60 02 13	Injection hood • Including level indicator • Including extension for remote control cable – 25 m + 50 m <i>Note: "00 45 34 69 Extension hopper" required for function</i>  <i>More information: From page 07_15</i>
00 20 12 67	Cover for material hopper
20 60 05 00	Delivery hood from hopper/container connection Ø 250 mm with level indicator
00 00 21 11	Dosing shaft 25 l/min
00 01 01 63	Dosing shaft 50 l/min
00 04 56 39	Dosing shaft 80 l/min
00 51 30 92	Mixing shaft earth-moist

Spare parts

Part no.	Description
Machine	
00 00 21 13	Protection grille
Grout-wearing parts – dry	
00 00 25 69	Dosing shaft 35 l/min
20 54 71 03	Dosing anti-wear tube
Grout-wearing parts – wet	
00 01 25 93	Rubber mixing tube
00 43 11 98	Sprocket mixing shaft (4 levels)
Water-wearing parts	
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs



Part no.	Description
----------	-------------

00 07 26 20	HM 2006 230 V, 1 Ph, 50 Hz, 2 kW 
00 06 86 93	HM 2006 400 V, 3 Ph, 50 Hz, 4 kW 



HM 2006, 230 V

Basic equipment

- Drive motor 2 kW, 280 rpm
Note: Only for version "HM 2006, 230 V"
- Drive motor 4 kW, 280 rpm
Note: Only for version "HM 2006, 400 V"
- Bagged material and silo mixer
- Rubber mixing tube
- Material hopper, capacity 110 litres ~ 3.5 sacks**
- Water connection DN12 (1/2") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Reach-in protected grout outlet
- Water volume controllable via pressure gauge
- Easy to transport

Extended scope of delivery

- Dosing shaft 35 l/min

Mixing output

- 20 – 35 l/min*
Maximum grain size 4 mm
Note: For version "HM 2006, 230 V"
- 20 – 50 l/min*
Maximum grain size 6 mm
Note: For version "HM 2006, 400 V"

PFT *praktive* tip

**Retrofit kit
for water flow meter**

Part no. 00 50 05 93

- Can be retrofitted to all HM 2006 models
- Removable
- Quality control
- Precise metering



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

Accessories – Start-up

Part no.	Description
20 42 34 20	Extension cable 3 x 2.5 mm ² , BLU 2-16 A – 25 m (230 V/1 Ph)
20 42 33 50	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 50 m (400 V/3 Ph)
<i>More information: Page 07_33</i>	
00 08 91 58	Water hose/Air hose DN19 (3/4") Geka Geka – 20 m
<i>More information: Page 07_30</i>	

Extras

Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with integrated pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 50 05 93	Retrofit kit for water flow meter 100 – 1,000 l/h for HM 2006 <i>More information: From page 07_15</i>

Spare parts

Part no.	Description
Machine	
00 00 21 13	Protection grille
00 00 82 54	Replacement wheel 230 x 85
Grout-wearing parts – dry	
00 04 07 21	Dosing shaft 35 l/min
00 04 07 22	Dosing shaft 50 l/min
Grout-wearing parts – wet	
00 04 79 85	Rubber mixing tube
00 43 07 23	Mixing shaft
00 06 86 94	Mortar outlet flange
Water-wearing parts	
20 15 20 00	Water inlet filter for Geka coupling
p.u. = 10 pcs	



Part no. **Description**

00 08 92 61




LOTUS XL

400 V, 3 Ph, 50 Hz, 4 kW



Basic equipment

- Drive motor 4 kW, 280 rpm
- Silo mixer
- Dosing shaft can be used on both sides – longer service life
- Rubber mixing tube
- Control voltage 42 V for maximum operational reliability
- Water connection DN19 (3/4") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable grout outlet
- Split mixing tube – easy handling
- Soiling-protected gearbox
- Reduced residual amount zone in feed area
- Control unit consisting of: Control box and water manifold cabinet, separate
- Control box:
 - Automatic phase inverter
 - External motor protection switch
 - Timer switch
- Water manifold cabinet:
 - Water flow meter
 - Pressure reducer
 - Water pump
 - Fine adjustment valve to set the exact amount of water
- Connections in the control box:



LOTUS XL

Extended scope of delivery

- Water flow meter 150 – 1,500 l/h – for perfect mixing results
- Dosing shaft 45 l/min – can be rotated and thus used twice
- Water pump as pressure booster pump AVO 500, 400 V, 3 Ph, 50 Hz, 0.37 kW



Mixing output

- 45 – 90 l/min*
- Maximum grain size 6 mm

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

LOTUS XL






Part no. Description

00 10 61 23 LOTUS XL prepared for level sensor
400 V, 3 Ph, 50 Hz, 5,5 kW




Basic equipment

- Drive motor 5.5 kW, 292 rpm
- Silo mixer
- Dosing shaft can be used on both sides – longer service life
- Rubber mixing tube
- Control voltage 42 V for maximum operational reliability
- Water connection DN19 (3/4") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable special grout outlet
- Control unit consisting of: Control box and water manifold cabinet, separate
- Control box:
 - Automatic phase inverter
 - External motor protection switch
 - Timer switch
- Water manifold cabinet:
 - Water flow meter
 - Pressure reducer
 - Water pump
 - Fine adjustment valve to set the exact amount of water
- Connection option for a level sensor for automatic level monitoring, e.g., of a downstream pump
Note: Applies only to version "LOTUS XL prepared for level sensor"
- Connection option for external vibrator
- Connections in the control box:
 - 
 - 
 - 



LOTUS XL

Extended scope of delivery

- Water flow meter 150 – 1,500 l/h – for perfect mixing results
- Dosing shaft 60 l/min – can be rotated and thus used twice
- Water pump as pressure booster pump AVO 500, 400 V, 3 Ph, 50 Hz, 0.37 kW 

Mixing output

- 45 – 90 l/min*
- Maximum grain size 8 mm

Extras

Part no. Description

Level sensor for automatic control of LOTUS XL

00 00 16 24 Level sensor for automatic control of LOTUS XL with remote control cable – 5 m
00 00 24 66 Support for level sensor

Note: Applies only to version "LOTUS XL prepared for level sensor"

00 12 86 06 External vibrator A10-2.67 – 8 m, 400 V, 3 Ph, 50 Hz



PFT LOTUS XS

Handy. Compact. Cost efficient.

- Easy operation
- Powerful and reliable
- Virtually self-cleaning
- Easy to transport with the estate car



ALWAYS AT YOUR SITE



LOTUS XL





Part no. **Description**

00 12 53 24 **LOTUS XL FC-230V**
230 V, 1 Ph, 50 Hz, 4 kW



Basic equipment

- Drive motor 4 kW, 280 rpm
- Silo mixer
- Dosing shaft can be used on both sides – longer service life
- Rubber mixing tube
- Control voltage 42 V for maximum operational reliability
- Water connection DN19 (3/4") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable special grout outlet
- Control unit consisting of: Control box and water manifold cabinet, separate
- Control box:
 - Frequency converter
- Water manifold cabinet:
 - Pressure reducer
 - Fine adjustment valve to set the exact amount of water
- Connection option for external vibrator
- Connections in the control box:



LOTUS XL FC-230V

Extended scope of delivery

- Dosing shaft 45 l/min – can be rotated and thus used twice

Mixing output

- 45 – 90 l/min*
- Maximum grain size 4 mm

Extras

Part no. **Description**

00 12 85 98 External vibrator A12-1.9 – 3 m, 230 V, 1 Ph, 50 Hz



LOTUS XL light



Part no.	Description
----------	-------------

00 10 34 95

LOTUS XL light

400 V, 3 Ph, 50 Hz, 5.5 kW



Basic equipment

- Drive motor 5.5 kW, 292 rpm
- Silo mixer
- Dosing shaft can be used on both sides – longer service life
- Rubber mixing tube
- Water connection DN19 (3/4") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable special grout outlet
- Control unit consisting of: Support, cable set and water manifold
- Control box:
 - Phase inverter in connecting plug
 - Phase sequence indicator
 - External motor protection switch
 - Timer switch
 - Water volume via pressure gauge

- Connections in the control box:



LOTUS XL light

Extended scope of delivery

- Dosing shaft 45 l/min – can be rotated and thus used twice

Mixing output

- 45 – 90 l/min*
- Maximum grain size 8 mm

Accessories – Start-up

Part no.	Description
----------	-------------

20 42 39 20 Extension cable 5 x 4 mm², RED 5-32 A – 25 m (400 V/3 Ph)

20 42 39 00 Extension cable 5 x 4 mm², RED 5-32 A – 50 m (400 V/3 Ph)

00 10 94 40 Extension cable 3 x 4 mm², BLU 3-32 A – 25 m (230 V/1 Ph)

Note: Adapter plug of CEE coupling | Schuko required. Only for "LOTUS XL FC-230V"

20 42 34 00 Extension cable 3 x 2.5 mm², BLA 2-16 A – 25 m (230 V/1 Ph)

More information: Page 07_33

00 10 96 55 Adapter plug of CEE coupling | Schuko

20 21 21 00 Water hose/Air hose DN19 (3/4") Geka | Geka – 40 m

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

Extras

Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with integrated pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen
00 12 86 06	External vibrator A10-2.67 – 8 m, 400 V, 3 Ph, 50 Hz <i>Note: Only for version "LOTUS XL prepared for level sensor"</i>
00 00 16 24	Level sensor with remote control cable – 5 m <i>Note: Only for version "LOTUS XL prepared for level sensor"</i> <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka <i>More information: From page 07_15</i>
00 00 24 66	Support for level sensor <i>Note: Only for version "LOTUS XL prepared for level sensor"</i>
00 10 04 44	Dosing segment 60 l/min
00 10 63 97	Dosing segment 90 l/min


Spare parts


Part no.	Description
Machine	
00 09 43 42	Hauling bracket
00 08 71 45	Mortar outlet flange
Grout-wearing parts – dry	
00 09 42 98	Dosing segment 45 l/min
20 54 71 03	Dosing anti-wear tube
Grout-wearing parts – wet	
00 09 43 41	Rubber mixing tube
00 09 43 43	Mixing shaft
Water-wearing parts	
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs
00 03 92 86	Manifold block DK06FN-1/2" E 42 V
20 15 20 11	Water filter for sieve insert ES 30-1

LOTUSseries HM 5 super






Part no. Description

20 54 50 03 **HM 5 super**
400 V, 3 Ph, 50 Hz, 5.5 kW 

20 54 50 01 **HM 5 super**
400 V, 3 Ph, 50 Hz, 5.5 kW 

Basic equipment

- Silo mixer
- Split dosing and mixing shaft, foldable
- Heating strip enhances frost resistance
- External vibrator control (stop & go)
- Tool bag including basic accessories
- Water connection DN19 (3/4") – required operating pressure 2.5 bar
- Simple operation
- Minimal maintenance and cleaning effort
- Removable grout outlet
- Split mixing tube – easy handling
- Control unit consisting of: Control box and water manifold cabinet, separate
- Control box:
 - Phase inverter in main switch
 - Timer switch
- Water manifold cabinet:
 - Water flow meter
 - Pressure reducer
 - Fine adjustment valve to set the exact amount of water
- Connections in the control box:   



HM 5 super

Extended scope of delivery

- Water flow meter 150 – 1,500 l/h – for perfect mixing results
- Dosing shaft 60 l/min – can be rotated and thus used twice
Note: Applies only to version "Part no. 20 54 50 03 HM 5 super"
- Dosing shaft 45 l/min – can be rotated and thus used twice
Note: Applies only to version "Part no. 20 54 50 01 HM 5 super"
- Mixing shaft – 6 chamber

Mixing output

- 45 – 90 l/min*
- Maximum grain size 8 mm



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Mixing performance varies depending on the dosing shaft used. Ultimately, the specific directives of the material producer are authoritative.

** Sack content 30 kg

Accessories – Start-up

Part no.	Description
20 42 33 50	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 50 m (400 V/3 Ph)
20 21 21 00	Water hose/Air hose DN19 (3/4") Geka Geka – 40 m
<i>More information: From page 07_30</i>	

Extras

Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW with integrated pressure switch-off and flow monitor <i>Note: Free-standing and independent of machine control, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka <i>More information: From page 07_15</i>
20 54 17 01	Dosing shaft 45 l/min
20 54 17 02	Dosing shaft 45 l/min – reinforced
20 54 15 02	Dosing shaft 60 l/min – reinforced
20 54 13 04	Dosing shaft 90 l/min – reinforced
20 54 54 04	Mixing shaft earth-moist
20 71 60 00	Filling hopper for bagged goods <i>More information: Page 07_25</i>
20 54 08 00	Pedestal <i>Note: Necessary for conveying bagged materials</i>

Spare parts

Part no.	Description
Machine	
20 54 57 01	Hauling bracket
20 54 57 02	Sealing ring between gearbox and motor
20 54 55 00	Mortar outlet flange with square external bearing
20 54 55 06	Square external bearing
Grout-wearing parts – dry	
20 54 52 01	Dosing anti-wear tube
20 20 88 01	Fixing screw for dosing anti-wear tube
Grout-wearing parts – wet	
20 54 54 05	Mixing shaft – 6 chamber
Water-wearing parts	
20 15 20 00	Water inlet filter for Geka coupling p.u. = 10 pcs
20 15 52 00	Pressure reducer 1/2"
20 15 77 00	Fine control valve 1/2"



BATCH MIXER

- MULTIMIX 100
- MULTIMIX 140
- MULTIMIX 140 plus

MULTIMIX

LOTUS | HM

BOLERO

RITMO

G 4

Conveying unit



Description	MULTIMIX 100 230 V, 1 Ph, 50 Hz	MULTIMIX 140 230 V, 1 Ph, 50 Hz
Part no.	00 62 74 05	00 62 74 06
		
Application focus	Batch mixer for long mixing times	Batch mixer for long mixing times
Strengths and benefits	<ul style="list-style-type: none"> • Shifted mixing arms • Simple and dosed filling • Lockable protection grille • Central operating switch • Simple and quick emptying (bucket, mortar bucket and wheelbarrow) • Easy to transport • Folding step 	<ul style="list-style-type: none"> • Shifted mixing arms • Simple and dosed filling • Lockable protection grille • Central operating switch • Simple and quick emptying (bucket, mortar bucket and wheelbarrow) • Easy to transport • Folding step
Basic equipment		
Power connection	230 V, 1 Ph, 50 Hz, 2.0 kW 	230 V, 1 Ph, 50 Hz, 2.3 kW 
Drive motor	2.0 kW, 42 rpm	2.3 kW, 29 rpm
Mixing tank	sheet	sheet
Foot frame	-	-
Wheels	2 rollers	2 rollers
Water connection	-	-
Operation and controls	Start/Stop	Start/Stop
Dimensions		
Filling height	1,190 mm	1,210 mm
Outlet height	640 mm	640 mm
Length/Width/Height	720/690/1,190 mm	820/770/1,210 mm
Total weight	80 kg	119 kg
Extended scope of delivery		
Connection cable	not included	not included
Water hose/Air hose	not included	not included
Performance data		
Mixing capacity	50 – 60 l/batch	80 l/batch
Maximum grain size	8 mm	8 mm
For more information, see page	04_05	04_05

MULTIMIX 140 plus

400 V, 3 Ph, 50 Hz

00 25 16 36



Batch mixer for long mixing times

- Batch mixer
- Simple operation
- Minimal maintenance and cleaning effort
- Self-cleaning mortar outlet
- Easy to transport
- Phase inverter in the main switch
- Counter-rotating stirring hook
- Turbo mixer

400 V, 3 Ph, 50 Hz, 2.2 kW



2.2 kW, 56 rpm

sheet

height-adjustable

2 rollers

Geka DN19 (3/4") –
2.5 bar operating pressure

Start/Stop

1,120 – 1,400 mm

440 – 720 mm, adjustable

1,000/1,030/1,120 mm

148 kg

not included

not included

80 l/batch

8 mm

04_06

PFT *praktive* tip

The "plus" indicates that the mixer is compatible with a conveying pump like ZP 3 or SWING, and:

- Height-adjustable
- Powerful mixing arms
- Wear plate in the hopper (changeable)
- No wear and tear on the hopper



MULTIMIX 100/140

Part no.	Description
----------	-------------

00 62 74 05

MULTIMIX 100

230 V, 1 Ph, 50 Hz, 2.0 kW



00 62 74 06

MULTIMIX 140

230 V, 1 Ph, 50 Hz, 2.3 kW



Basic equipment

- MULTIMIX 100 drive motor: 2.0 kW, 42 rpm
- MULTIMIX 140 drive motor: 2.3 kW, 29 rpm
- Shifted mixing arms
- Central operating switch
- Solid and robust construction
- Lockable protection grille
- Maximum capacity 100 / 140 litres
- Simple operation
- Quick and simple cleaning
- Simple and dosed filling
- Simple and quick emptying



MULTIMIX 100

Mixing capacity

- MULTIMIX 100: 50 – 60 l/batch
- MULTIMIX 140: 80 l/batch
- Maximum grain size 8 mm
- Filling grille: NW 45x45



MULTIMIX 140



MULTIMIX 140 plus

Part no. Description

00 25 16 36 **MULTIMIX 140 plus**
400 V, 3 Ph, 50 Hz, 2.2 kW



Basic equipment

- Drive motor 2.2 kW, 56 rpm
- Batch mixer with turbo mixer
- Counter-rotating stirring hook
- Robust design suitable for construction sites
- Maximum capacity 140 litres
- Holding capacity for fresh mortar 80 litres
- Simple operation
- Minimal maintenance and cleaning effort
- Self-cleaning mortar outlet
- Height-adjustable
- Compatible with a conveying pump like ZP 3 or SWING
- Wear plate in the hopper (changeable)
- No wear and tear on the material hopper
- Powerful mixing arms

Mixing capacity

- 80 l/batch
- Maximum grain size 8 mm



MULTIMIX 140 plus



Accessories – Start-up

Part no.	Description
20 42 33 60	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 25 m (400 V/3 Ph)
20 42 33 50	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 50 m (400 V/3 Ph)
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph)
20 21 21 00	Water hose/Air hose DN19 (3/4") Geka Geka – 40 m
<i>More information: From page 07_30</i>	

Extras

Part no.	Description
00 49 36 86	Water pump as suction pump AV 1000 standalone, 230 V, 1 Ph, 50 Hz, 0.6 kW With integrated pressure switch-off and flow meter <i>Note: Free-standing and independent of machine controls, suction strainer with filter screen required</i>
00 13 66 19	Suction strainer with filter screen <i>More information: From page 07_05</i>
20 21 11 00	Water hose/Air hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka <i>More information: From page 07_14</i>

Spare parts

Part no.	Description
00 25 15 91	Three-arm turbo mixer
00 00 73 81	End switch

360°



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CONVEYING PUMPS

SWINGseries

- SWING M FC-230V
- SWING L FC-230V
- SWING L FC-400V
- SWING L
- SWING L FC-230V airless
- SWING L FC-400V airless







PFT machines are designed and adapted for a variety of applications. It's crystal clear – use the PFT rating stars for a superior overview. The more stars, the better this PFT solution is suited to the respective material.

Dry mortar (sacks or bulk)			SWING M FC-230V	SWING L FC-230V
More information on the equipment can be found in the respective machine.				
Gypsum plasters*		Gypsum / Gypsum-lime plaster		
Basic plasters*	< 3 mm	Light plaster	★ ★ ★ ★	★ ★ ★ ★
		Lime-cement render	★ ★ ★ ★	★ ★ ★ ★
		Insulating plaster	★ ★ ★ ★	★ ★ ★ ★
	> 3 mm	Lime-cement render		
		Scratch coat		
Adhesive/Reinforcing mortar, mineral-based*		Adhesive mortar	★ ★ ★ ★	★ ★ ★ ★
		Reinforcing mortar	★ ★ ★ ★	★ ★ ★ ★
Grouting mortar*		Grouting mortar	★ ★ ★ ★	★ ★ ★ ★
Concrete primer*		Concrete primer	★ ★ ★ ★	
Dispersion paint*		Dispersion paint	★ ★ ★ ★	
Finishing coat*	< 3 mm	mineral-based	★ ★ ★ ★	★ ★ ★ ★
		pasty	★ ★ ★ ★	★ ★ ★ ★
Fine filler*		mineral-based	★ ★ ★ ★	★ ★ ★ ★
		pasty	★ ★ ★ ★	★ ★ ★ ★
Loam plaster*		Loam plaster		★ ★ ★ ★
Masonry mortar*		Masonry mortar		
Fire retardant mortar*		Fire protection mortar for grouting mortar	★ ★ ★ ★	★ ★ ★ ★
Concrete restoration mortar*		SPCC-/PCC-mortar	★ ★ ★ ★	
		for minor repair work	★ ★ ★ ★	
Floor application*		Floor screed 35 l		
		Floor screed 60 l		
		Floor screed 120 l		
		Thin screed	★ ★ ★ ★	★ ★ ★ ★
		Floor filler	★ ★ ★ ★	★ ★ ★ ★
Building site mixture				
Interior plastering*	(Mixture 1:3)	Lime-cement render		
Exterior plastering*	(Mixture 1:3)	Lime-cement render		

* Conveying pumps: The material must be mixed beforehand, since the pump only serves as a conveying system.

				Conveying unit
				G 4
				RITMO
SWING L FC-400V	SWING L	SWING L FC-230V airless	SWING L FC-400V airless	BOLERO
				LOTUS HM
★★★★	★★★★	★★☆☆	★★☆☆	MULTIMIX
★★★★	★★★★	★★☆☆	★★☆☆	SWING
★★★★	★★★★	★★☆☆	★★☆☆	
★★★☆	★★★☆			
★★★☆	★★★☆			
★★★★	★★★★	★★☆☆	★★☆☆	
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★★★★	★★★★	★★☆☆	★★☆☆	
★★★★	★★★★	★★☆☆	★★☆☆	



Description	SWING M FC-230V 230 V, 1 Ph, 50 Hz	SWING L FC-230V 230 V, 1 Ph, 50 Hz
Part no.	00 15 19 92	00 20 19 52
		
Application focus	Conveying pump	Conveying pump
Strengths and benefits	<ul style="list-style-type: none"> • Can be continuously adjusted electronically • Plastic material hopper • Adjustable delivery capacity by changing the pump (B- or C-pump) • Small, light, handy and compact • Powerful and reliable operation via standard power socket 	<ul style="list-style-type: none"> • Can be continuously adjusted electronically • Plastic material hopper • Handy and compact • Reduced initial current • Powerful and reliable operation via standard power socket
Basic equipment		
Connection value	230 V, 1 Ph, 50 Hz, 1.5 kW 	230 V, 1 Ph, 50 Hz, 4 kW 
Drive	Pump motor	
	1.5 kW, 10 – 204 rpm	4 kW, 70 – 236 rpm
Material hopper	plastic	plastic
Grout output with mortar pressure gauge	DN25 male part	DN35 female part
Wheels	2 castors, 2 wheels	2 castors, 2 wheels
Water connection	not included	not included
Operation and control	Pump delivery rate can be continuously adjusted with a potentiometer	Pump delivery rate can be continuously adjusted with a potentiometer
Dimensions		
Filling height	500 mm	610 mm
Hopper content	38 litres	76 litres
Length/Width/Height	1,100/460/500 mm	1,600/600/660 mm
Total weight	70 kg	133 kg
Extended scope of delivery		
Mortar hose	not included	not included
Adapter coupling	not included	DN35 male part DN25 male part
Air compressor	not included	not included
Spraying gun	not included	not included
Connection cable	not included	3 x 2.5 mm², BLU 3-16 A – 25 m
Water hose/Air hose	not included	not included
Performance data		
Pump capacity, max.*	0.9 – 9 l/min	6.5 – 21 l/min
Pump unit*	C 4-2 · 9 l/min · 20 bar	TWISTER D 8-1.5 · 21 l/min · 15 bar
Conveying distance*	20 m in DN25	15 m in DN25
For more information see page	05.1_09	05.1_23

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

SWING L FC-400V 400 V, 3 Ph, 50 Hz	SWING L 400 V, 3 Ph, 50 Hz	SWING L 230 V, 3 Ph, 60 Hz
00 17 84 15	00 19 78 29	00 22 64 99
		
Conveying pump	Conveying pump	Conveying pump
<ul style="list-style-type: none"> • Can be continuously adjusted electronically • Higher delivery capacity • Plastic material hopper • Adjustable delivery capacity by changing the pump (D- or R-pump) • Handy and compact 	<ul style="list-style-type: none"> • Higher delivery capacity • Plastic material hopper • Adjustable delivery capacity by changing the pump (D- or R-pump) • Handy and compact 	<ul style="list-style-type: none"> • Higher delivery capacity • Plastic material hopper • Adjustable delivery capacity by changing the pump (D- or R-pump) • Handy and compact • Powerful and reliable operation via standard power socket
400 V, 3 Ph, 50 Hz, 5.5 kW 	400 V, 3 Ph, 50 Hz, 5.5 kW 	230 V, 3 Ph, 60 Hz, 5.5 kW 
5.5 kW, 135 – 448 rpm	5.5 kW, 292 rpm	5.5 kW, 280 rpm
plastic	plastic	plastic
DN35 female part	DN35 female part	DN35 female part
2 castors, 2 wheels	2 castors, 2 wheels	2 castors, 2 wheels
not included	not included	not included
Pump delivery rate can be continuously adjusted with a potentiometer	Start/Stop	Start/Stop
610 mm	610 mm	610 mm
76 litres	76 litres	76 litres
1,600/600/660 mm	1,600/600/660 mm	1,600/600/660 mm
133 kg	133 kg	133 kg
not included	not included	not included
DN35 male part DN25 male part	DN35 male part DN25 male part	DN35 male part DN25 male part
not included	not included	not included
not included	not included	not included
not included	not included	not included
not included	not included	not included
4 – 90 l/min	15.4 l/min	15.4 l/min
TWISTER D 6–3 · 25 l/min · 30 bar	TWISTER D 6–3 · 15.4 l/min · 30 bar	TWISTER D 6–3 · 15.4 l/min · 30 bar
30 m in DN35	30 m in DN35	50 m in DN35
05.1_16	05.1_16	



Description	SWING L FC-230V airless 230 V, 1 Ph, 50 Hz	SWING L FC-400 V airless 400 V, 3 Ph, 50 Hz
Part no.	00 45 13 36	00 53 14 53
Part no. with bag squeezer	00 45 13 35	00 53 13 48
		
Application focus	High pressure conveying pump for viscous, pasty material	High pressure conveying pump for viscous, pasty material
Strengths and benefits	<ul style="list-style-type: none"> • RotaAirless-Spraying • Improved spray pattern by additional walk effect • Less noise emission • No service required for replacing wear parts • Can be continuously adjusted electronically • Kink protection at the machine outlet 	<ul style="list-style-type: none"> • Powerful 400 V • RotaAirless-Spraying • Improved spray pattern by additional walk effect • Less noise emission • No service required for replacing wear parts • Can be continuously adjusted electronically • Kink protection at the machine outlet
Basic equipment		
Connection value	230 V, 1 Ph, 50 Hz, 3 kW	400 V, 3 Ph, 50 Hz, 4 kW
Drive Pump motor	3 kW, 0 – 280 rpm	4 kW, 0 – 320 rpm
Material hopper	plastic	plastic
Grout output with mortar pressure gauge	Sensor with digital display	Sensor with digital display
Wheels	2 castors, 2 wheels	2 castors, 2 wheels
Water connection	not included	not included
Operation and control	Pump delivery rate can be continuously adjusted with a potentiometer, operating pressure range is adjustable	Pump delivery rate can be continuously adjusted with a potentiometer, operating pressure range is adjustable
Dimensions		
Filling height	700 mm	700 mm
Hopper content	70 litres	70 litres
Length/Width/Height	1,430/500/720 mm	1,430/500/720 mm
Total weight	100 kg	110 kg
Extended scope of delivery		
Mortar hose	RONDO airless DN12 – 20 m	RONDO airless DN12 – 20 m (2x)
Adapter coupling	not included	not included
Air compressor	not included	not included
Spraying gun	In Line Texspray – Nozzle 541	In Line Texspray – Nozzle 541
Connection cable	3 x 1.5 mm ² , BLU 2-16 A – 5 m	RED 5-16 A
Water hose/Air hose	not included	not included
Performance data		
Pump capacity, max.*	0 – 6.5 l/min	0 – 8.5 l/min
Pump unit*	306 airless · 6.5 l/min · 140 bar	306 airless · 8.5 l/min · 140 bar
Conveying distance*	30 m in DN12	40 m in DN12

For more information see page

05.1_29

05.1_30

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

THE SWING- EFFECT

PFT SWING AIRLESS



- Plastering
- Spray plaster
- Reinforcing
- Gluing



- The screw pump makes it especially quiet



- Clean spray pattern with pasty materials



- Hardly any wear, less downtime



- Higher utilisation, lower operating costs

More quiet!

More robust!

More economical!



RQTA AIRLESS

ALWAYS AT YOUR SITE



SWING M FC-230V



Part no.	Description
----------	-------------

00 15 19 92	
-------------	--

	SWING M FC-230V
--	------------------------

	230 V, 1 Ph, 50 Hz, 1.5 kW
--	----------------------------



	Basic equipment
--	------------------------

- | | |
|--|--|
| | <ul style="list-style-type: none">• Drive motor 1.5 kW, 10 – 204 rpm• Pump delivery rate can be continuously adjusted with a potentiometer• Plastic material hopper – easy cleaning• Pump shaft reinforced made of Hardox• Grout output DN25 male part with mortar pressure gauge• Hopper content 38 litres• Cleaning port in material hopper• Adjustable delivery capacity by changing the pump (B- or C-pump)• Small, light, handy and compact• Powerful and reliable operation via standard power socket |
|--|--|



SWING M FC-230V

	Output – pump unit
--	---------------------------

- | | |
|--|--|
| | <ul style="list-style-type: none">• Rotor C 4–2 / Stator C 4–2• Pump output max.*: 9 l/min, 20 bar, up to 20 m conveying distance in DN25 |
|--|--|



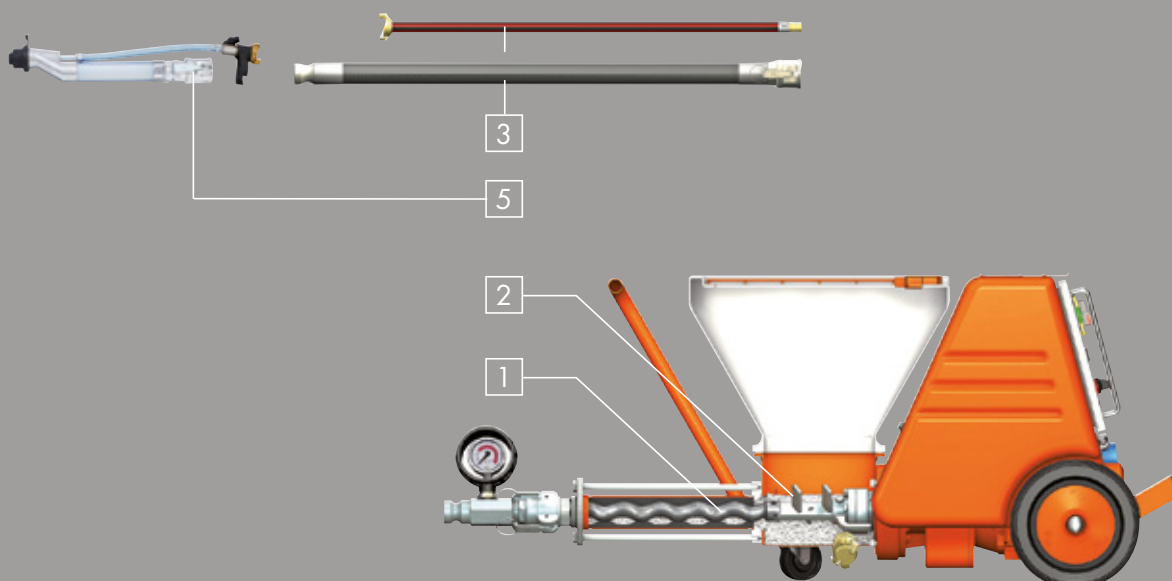
* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

Lime-cement render < 3 mm
Light plaster

SWING M FC-230V

Part no. 00 15 19 92 SWING M FC-230V, 230 V, 1 Ph, 50 Hz, 1.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 19 48 07	Rotor C 4– 2	  
					00 03 71 86	Stator C 4– 2	
2	Dosing area				00 19 48 59	Pump shaft SWING M, reinforced	  
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka	
6	Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz	 
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling Recommended for control via compressed air</i>	
Standard							
Optional							
Alternative							



Reinforcing mortar

Concrete restoration for minor repair work

Fine filler, mineral/pasty

Finishing coat, mineral/pasty




SWING M FC-230V

Part no. 00 15 19 92 SWING M FC-230V, 230 V, 50 Hz, 1.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 19 48 07	Rotor C 4-2	
				00 03 71 86	Stator C 4-2	
2 Dosing area				00 19 48 59	Pump shaft SWING M, reinforced	
3 Hoses				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
				00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>	
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz BLU 216	
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling</i> <i>Recommended for control via compressed air</i>	

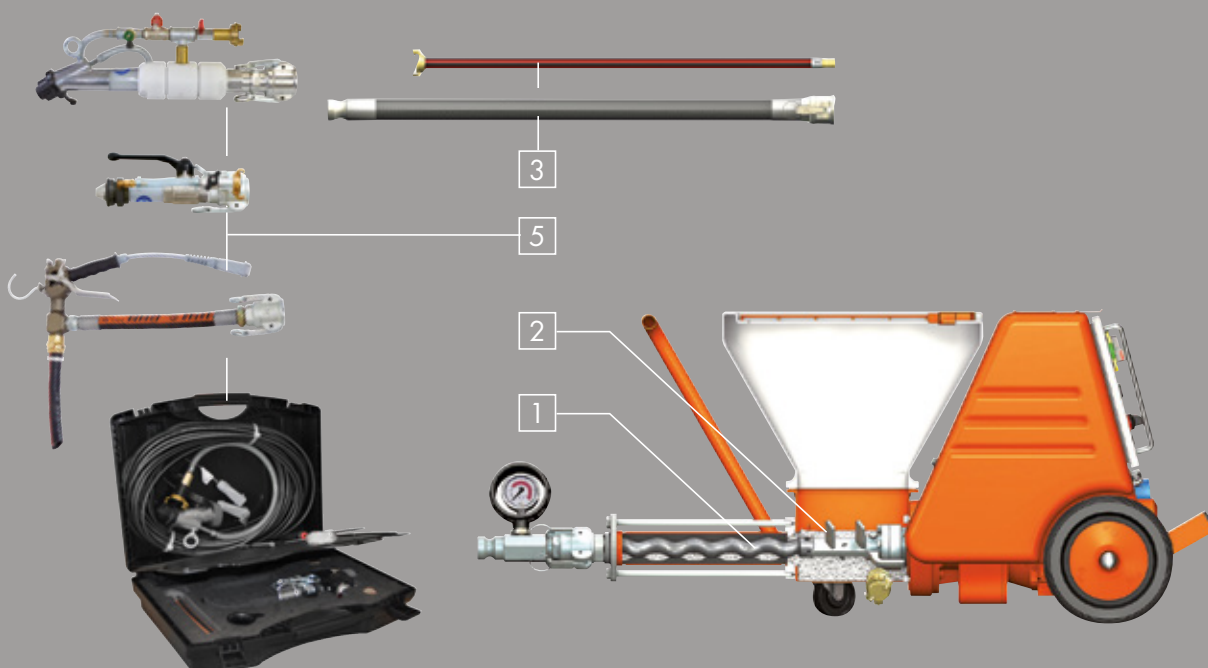
Fire protection mortar for filling

Adhesive mortar

Grouting mortar

Part no. 00 15 19 92 SWING M FC-230V, 230 V, 50 Hz, 1.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 19 48 07	Rotor C 4-2	
				00 03 71 86	Stator C 4-2	
2 Dosing area				00 19 48 59	Pump shaft SWING M, reinforced	
3 Hoses				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for ZARGOMAT pro and JETSET pro</i> H 4	
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360° H 4	
				00 41 89 75	JETSET pro DN25 Ewo H 4	



Part no. 00 15 19 92 SWING M FC-230V, 230 V, 50 Hz, 1.5 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				00 19 48 07	Rotor C 4-2	
					00 03 71 86	Stator C 4-2	
2	Dosing area				00 19 48 59	Pump shaft SWING M, reinforced	
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function	
6	Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz 	
					00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air	
Standard							
Optional							
Alternative							



Floor filling compound

Thin screed

SWING M FC-230V

Part no. 00 15 19 92 SWING M FC-230V, 230 V, 50 Hz, 1.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				00 19 48 07	Rotor C 4-2	
				00 03 71 86	Stator C 4-2	
2 Dosing area				00 19 48 59	Pump shaft SWING M, reinforced	
3 Hoses				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	

PFT *praktive tip*

CF-Taper® – PFT Adapter-System (Part no. 00 65 72 04)

The solution for professional filling of drywalls

The PFT Adapter system builds an unbeatable efficient team with CF-Taper® of TapeTech:
Due to the uniform flow and low weight, you save precious time and apply fillers more efficiently than before.

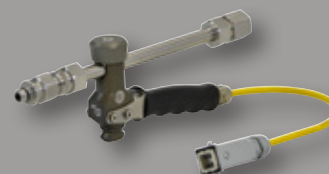


Areas of application

- Fillers
- Butt joints
- Inner corners on walls and ceilings

*Note: The following parts/items are necessary for connecting the adapter system to the SWING M mortar coupling:

- 1x Coupling 13 male part 1/2" internal thread (Part no. 00 08 60 10)
- 1x Hydraulic screw joint 1/2" (Part no. on request)



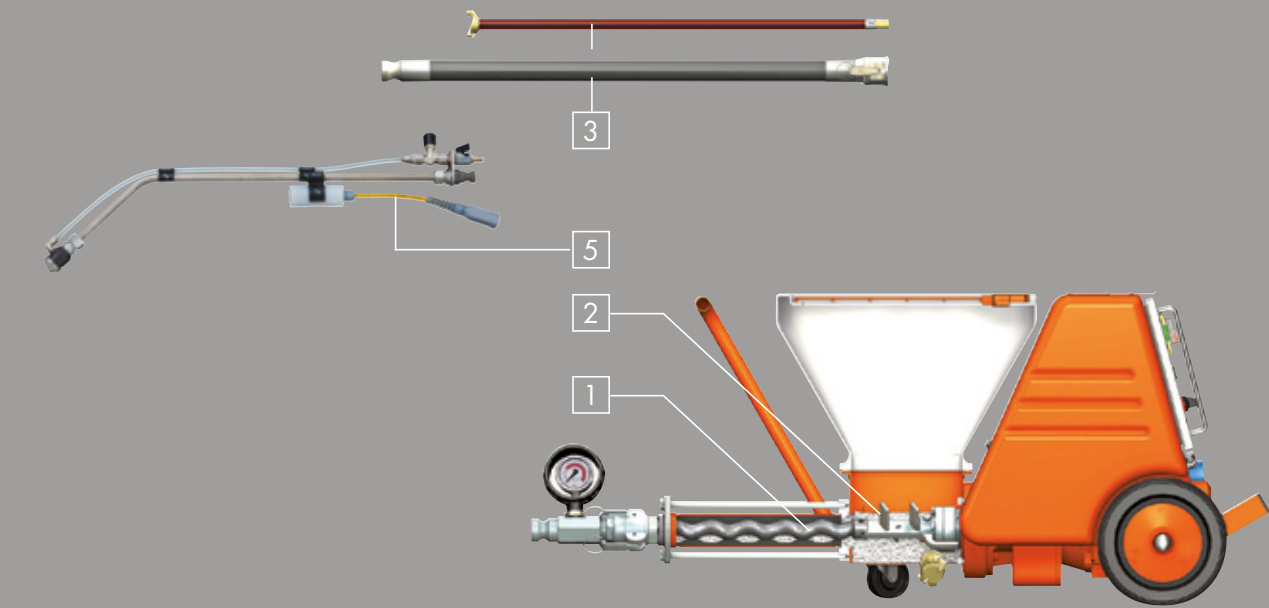
Application matrix

	Joints	Surfaces
SWING M*		
SWING L airless		

Concrete primer

SWING M FC-230V


Part no. 00 15 19 92 SWING M FC-230V, 230 V, 50 Hz, 1.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 15 90 64	Pump unit B 4-2
2	Dosing area				00 19 48 59	Pump shaft SWING M, reinforced
3	Hoses				00 08 73 54	RONDO DN13 – 15 m
					00 15 93 03	Adapter coupling 25 female part 13 female part
					00 00 85 21	Air hose DN9 (3/8") Ewo Ewo – 16 m
					00 08 80 49	Extension for remote control cable – 16 m H 4
					00 08 75 97	Cleaner coupling 13 female part Geka
					00 09 88 08	Tool bag RITMO powercoat
5	Spraying gun				00 13 78 60	powercoat DN13 VA4 750-45° Ewo, remote control
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz
Standard						
Optional						
Alternative						



Accessories – Start-up

Part no.	Description
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph)
<i>More information: Page 07_33</i>	

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
<i>More information: Page 07_33</i>	
20 21 11 00	Water hose DN12 (1/2") Geka I Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
<i>More information: From page 07_14</i>	
00 15 93 23	Cover for material hopper

Spare parts

Part no.	Description
Machine	
00 15 90 64	Pump unit B 4–2
00 15 17 54	Material hopper
00 15 89 95	Gasket material hopper
00 00 82 54	Replacement wheel 230 x 85
00 03 71 95	Front castor – without retainer
00 03 71 94	Front castor – with retainer
20 17 67 00	Hauling bracket
00 15 98 55	Protection grille
20 14 40 31	Face seal
pack = 2	
Grout-wearing parts – wet	
00 19 48 59	Pump shaft SWING M reinforced
00 69 96 72	Pressure flange C-pump
00 10 22 27	Mortar pressure gauge DN25 female part I DN25 male part

SWING L



Part no. Description

00 19 78 29 **SWING L**
400 V, 3 Ph, 50 Hz, 5.5 kW



00 17 84 15 **SWING L FC-400V**
400 V, 3 Ph, 50 Hz, 5.5 kW



Basic equipment

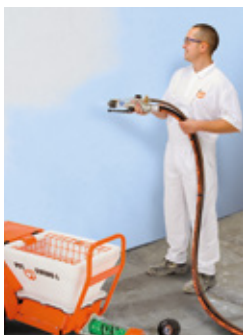
- Drive motor 5.5 kW, 292 rpm
Note: Only in the "SWING L" version
- Drive motor 5.5 kW, 135 – 448 rpm
Note: Only in the "SWING L FC-400V" version
- Pump delivery rate can be continuously adjusted with a potentiometer
Note: Only in the "SWING L FC-400V" version
- Plastic material hopper – easy cleaning
- Grout output DN35 female part with mortar pressure gauge
- Adapter coupling DN35 male part I DN25 male part NW24
- Hopper content 76 litres
- Cleaning port in material hopper
- Higher delivery capacity
- Adjustable delivery capacity by changing the pump (D- or R-pump)
- Handy and compact
- Low filling height fits easily under almost all mixers
- Universal filling from the bucket or continuous mixer



SWING L

Output – pump unit

- Rotor D 6–3 / Stator TWISTER D 6–3
- Pump output max.*: 15.4 l/min, 30 bar,
30 m conveying distance in DN35
Note: Only in the "SWING L" version
- Pump output max*: 25 l/min, 30 bar,
30 m conveying distance in DN35
Note: Only in the "SWING L FC-400V" version



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

Recommended accessories / Equipment for

Lime-cement render < 3 mm

Loam plaster

Light plaster

SWING L

SWING L FC-400V

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 23 79 08	Rotor D 6-3
					00 00 78 99	Stator TWISTER D 6-3 PIN
2	Dosing area				00 20 65 47	Pump shaft SWING L
3	Hoses				00 02 11 00	RONDO DN25 – 10 m
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
5	Spraying gun				00 13 66 24	DN25-360° S14 200 Geka
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz
					00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz
					00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air

Fire protection mortar for filling

Adhesive mortar

Grouting mortar

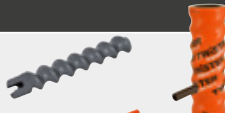

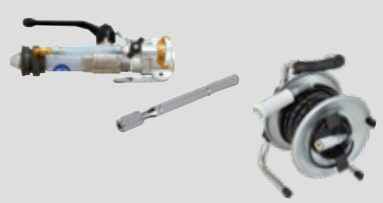

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas		S	O	A	Part no.	Description
1	Pump				00 23 79 08	Rotor D 6-3
					00 00 78 99	Stator TWISTER D 6-3 PIN
2	Dosing area				00 20 65 47	Pump shaft SWING L
3	Hoses				00 02 11 00	RONDO DN25 – 10 m
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
					00 08 80 49	Extension for remote control cable – 16 m Recommended for ZARGOMAT pro and JETSET pro
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°
					00 41 89 75	JETSET pro DN25 Ewo

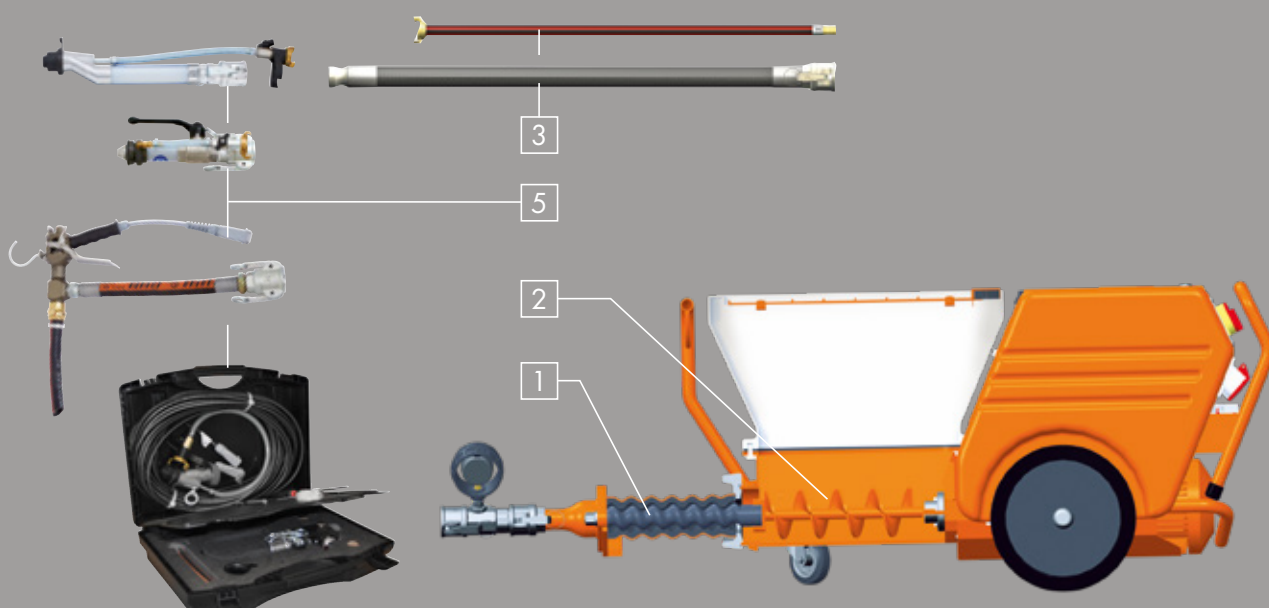
Reinforcing mortar Finishing coat, mineral/pasty

SWING L
SWING L FC-400V

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW








Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 23 79 08	Rotor D 6–3	
					00 00 78 99	Stator TWISTER D 6–3 PIN	
2	Dosing area				00 20 65 47	Pump shaft SWING L	
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz	
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz	
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling</i> <i>Recommended for control via compressed air</i>	
Standard							
Optional							
Alternative							










Insulating plaster

SWING L
SWING L FC-400V

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 00	Rotor D 8-1.5	
				00 01 09 05	Stator TWISTER D 8-1.5 PIN	
2 Dosing area				00 20 65 47	Pump shaft SWING L	
3 Hoses				00 02 11 00	RONDO DN25 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air	

Lime-cement render > 3 mm Scratch coat






Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW						
Areas	S	O	A	Part no.	Description	
1 Pump				20 11 47 00	Rotor D 8-1.5	
				00 01 09 05	Stator TWISTER D 8-1.5 PIN	
2 Dosing area				00 20 65 47	Pump shaft SWING L	
3 Hoses				00 02 11 04	RONDO DN35 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5 Spraying gun				00 00 69 28	DN35 S14 Geka	
6 Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	
				00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz 	
				00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air	

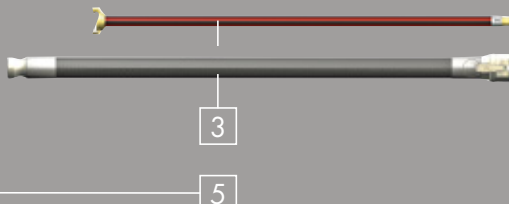
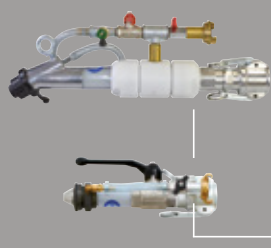
Fine filler, mineral/pasty

SWING L
SWING L FC-400V

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 43 10	Rotor D 4–3	
					00 01 05 43	Stator TWISTER D 4–3 PIN	
2	Dosing area				00 20 65 47	Pump shaft SWING L	
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
					00 00 85 91	Spray nozzle VA8	
					00 00 85 92	Spray nozzle VA6	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz BLU 2 16	
					00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz RED 5 16	
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling</i> <i>Recommended for control via compressed air</i>	
Standard							
Optional							
Alternative							



Masonry mortar

SWING L
SWING L FC-400V

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				20 11 48 51	Rotor R 7-2.5
				20 11 63 50	Stator R 7-2.5
				20 11 78 00	Clamp for R-pump 270 mm
				00 20 59 61	Pressure flange R-pump
				20 10 42 17	Suction flange R-pump
2 Dosing area				00 20 65 47	Pump shaft SWING L
3 Hoses				00 02 11 19	RONDO DN35 – 13.3 m
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4
5 Spraying gun				20 20 07 95	Adapter coupling DN35 male part I 1 1/4" internal thread

Floor filling compound

Thin screed

Floor screed 35 l/min












Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				20 11 47 00	Rotor D 8-1.5
				00 01 09 05	Stator TWISTER D 8-1.5 PIN
2 Dosing area				00 20 65 47	Pump shaft SWING L
3 Hoses				00 02 11 00	RONDO DN25 – 10 m
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4

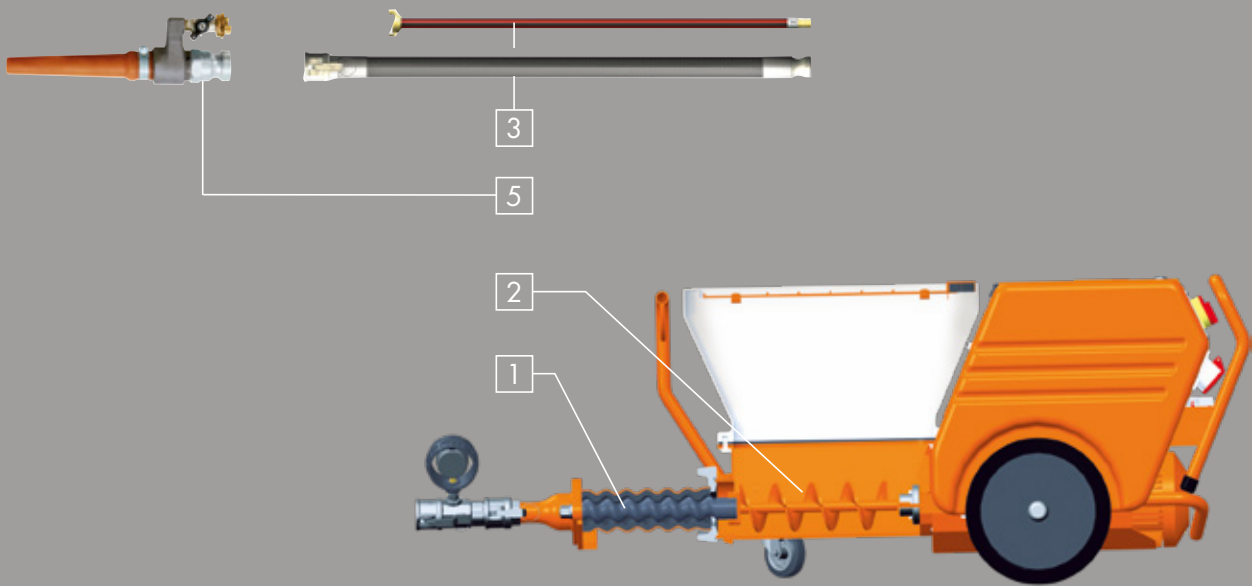
Floor screed 60 l/min

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 20 59 80	Pump unit R 8-1.5
2 Dosing area				00 20 65 47	Pump shaft SWING L
3 Hoses				00 02 11 04	RONDO DN35 – 10 m
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4

Concrete restoration

SWING L
SWING L FC-400V

Part no. 00 19 78 29 SWING L, 400 V, 3 Ph, 50 Hz, 5.5 kW								
Part no. 00 17 84 15 SWING L FC-400V, 400 V, 3 Ph, 50 Hz, 5.5 kW								
Areas		S	O	A	Part no.	Description		
1	Pump				00 23 79 08	Rotor D 6–3		
					00 00 78 99	Stator TWISTER D 6–3 PIN		
2	Dosing area				00 20 65 47	Pump shaft SWING L		
3	Hoses				00 02 11 04	RONDO DN35 – 10 m		
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m		
5	Spraying gun				20 19 63 00	Reprofilier DN35 R12 Geka		
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4		
6	Compressor				00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz 		
					00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air		
Standard								
Optional								
Alternative								



SWING L FC-230V



Part no.	Description
----------	-------------

00 20 19 52

SWING L FC-230V

230 V, 1 Ph, 50 Hz, 4 kW



Basic equipment

- Drive motor 4 kW, 70 – 236 rpm
- Pump delivery rate can be continuously adjusted with a potentiometer
- Plastic material hopper – easy cleaning
- Grout output DN35 female part with mortar pressure gauge
- Hopper content 76 litres
- Cleaning port in material hopper
- Higher delivery capacity
- Electronically adjustable delivery capacity via frequency converter
Note: Possible only with the "Pump unit D 8-1.5"
- Handy and compact
- Powerful and reliable operation via standard power socket



SWING L FC-230V

Extended scope of delivery

- Cleaner coupling for cleaning the material hose DN35 female part | Geka
- Extension cable 3 x 2.5 mm², BLU 3-16 A – 25 m

Output – pump unit

- Rotor D 8-1.5 / Stator TWISTER D 8-1.5
- Pump output max.*: 21 l/min, 15 bar, up to 15 m conveying distance in DN25



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

Conveying unit

G 4

RITMO

BOLERO

LOTUS | HM

MULTIMIX



Reinforcing mortar Finishing coat, mineral/pasty

SWING L FC-230V










Part no. 00 20 19 52 SWING L FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW						
Areas		S	O	A	Part no.	Description
1	Pump				20 11 47 00	Rotor D 8–1.5
					00 01 09 05	Stator TWISTER D 8–1.5 PIN
2	Dosing area				00 20 65 47	Pump shaft SWING L
3	Hoses				00 02 11 00	RONDO DN25 – 10 m
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
					00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz BLL/216
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling Recommended for control via compressed air</i>

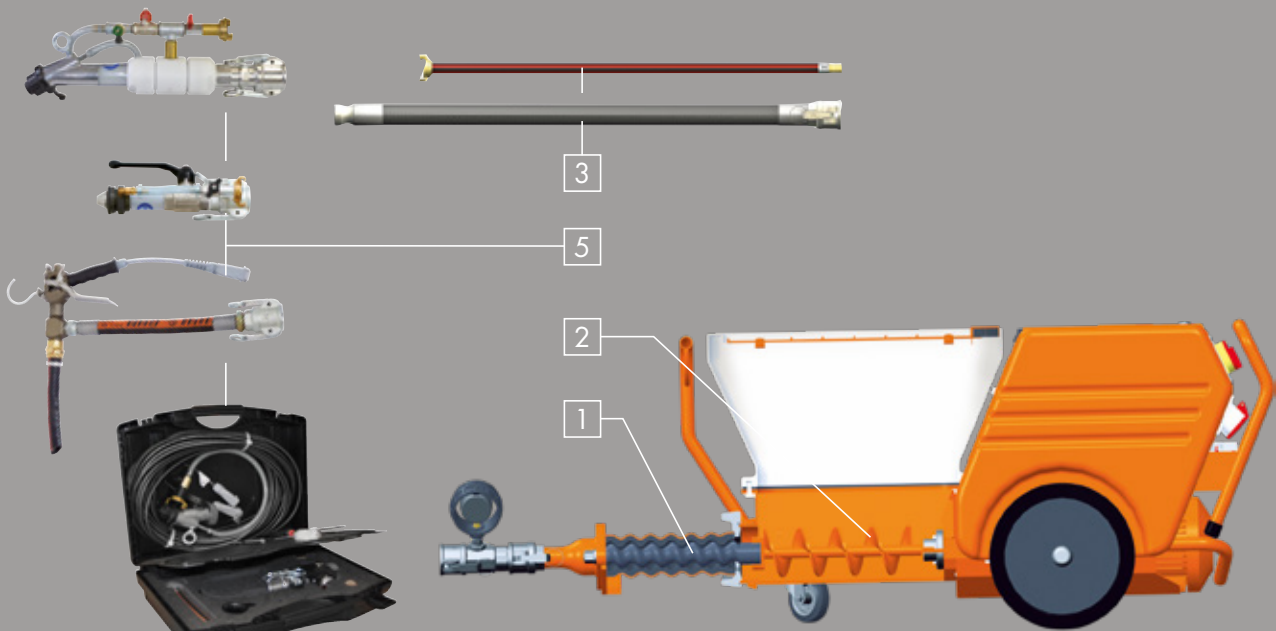
Fire protection mortar for filling Adhesive mortar Grouting mortar

Part no. 00 20 19 52 SWING L FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW						
Areas		S	O	A	Part no.	Description
1	Pump				20 11 47 00	Rotor D 8–1.5
					00 01 09 05	Stator TWISTER D 8–1.5 PIN
2	Dosing area				00 20 65 47	Pump shaft SWING L
3	Hoses				00 02 11 00	RONDO DN25 – 10 m
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for ZARGOMAT pro and JETSET pro</i> H 4
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360° H 4
					00 41 89 75	JETSET pro DN25 Ewo H 4

Insulating plaster

SWING L FC-230V

Part no. 00 20 19 52 SWING L FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 00	Rotor D 8–1.5	 
					00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2	Dosing area				00 20 65 47	Pump shaft SWING L	
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	 
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
5	Spraying gun				00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function	
6	Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz 	 
					00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air	
Standard							
Optional							
Alternative							



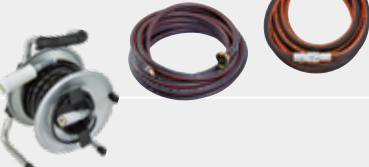


Floor filling compound

Thin screed

SWING L FC-230V

Part no. 00 20 19 52 SWING L FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW

Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 00	Rotor D 8–1.5	
					00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2	Dosing area				00 20 65 47	Pump shaft SWING L	
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	

Fine filler, mineral/pasty

Part no. 00 20 19 52 SWING L FC-230 V, 230 V, 1 Ph, 50 Hz, 4 kW


Areas		S	O	A	Part no.	Description	
1	Pump				20 11 47 00	Rotor D 8–1.5	
					00 01 09 05	Stator TWISTER D 8–1.5 PIN	
2	Dosing area				00 20 65 47	Pump shaft SWING L	
3	Hoses				00 02 11 00	RONDO DN25 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	
5	Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka	
					00 00 85 91	Spray nozzle VA8	
					00 00 85 92	Spray nozzle VA6	
6	Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz BL11 2-16	
					00 06 71 03	Machine control via separate pressure control max. 3 bar Connection via Ewo coupling Recommended for control via compressed air	
Standard							
Optional							
Alternative							

Accessories – Start-up

Part no.	Description
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph)
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)

More information: Page 07_33

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
More information: Page 07_33	
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
More information: From page 07_14	
00 25 30 76	Protection grille “deep” – required for continuous mixers
00 20 88 24	Pump unit D 8–1.5 for SWING L
00 17 87 47	Support for compressor

Spare parts

Part no.	Description
Machine	
00 17 31 27	Material hopper
00 17 51 89	Wheel rear
00 45 98 05	Front castor – with retainer
00 45 98 04	Front castor – without retainer
20 17 67 00	Hauling bracket
00 23 56 58	Protection grille
20 14 40 31	Face seal for gear box pack = 2
Grout-wearing parts – wet	
00 20 65 47	Pump shaft SWING L
00 17 83 45	Pressure flange for D-pump 1 1/4" external thread – straight
00 08 94 32	Suction flange for D-pump
00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part

SWING L FC-230V airless



Part no.	Description
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00 45 13 36	SWING L FC-230V airless 230 V, 1 Ph, 50 Hz, 3 kW
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00 45 13 35	SWING L FC-230V airless with bag squeezer 230 V, 1 Ph, 50 Hz, 3 kW
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Basic equipment

- Drive motor 3 kW, 0 – 280 rpm
 - Pump delivery rate can be continuously adjusted up to max. 6.5 litres with a potentiometer
 - Single-piece plastic material hopper – easy cleaning
 - Pressure flange with electronic mortar pressure monitoring via display
 - Pressure control via digital display
 - Hopper content 70 litres
 - Work with Rotor/Stator airless – without additional compressor
 - Wear parts can be replaced directly at the construction site without a technician – no long downtimes | “Replace and go”
 - Kink protection at the machine outlet
 - Robust machine technology can be used for a variety of materials
 - Paint
 - Spray plaster
 - Grainy material
- Note: Not with “Stator 306 airless”*
- Handy and compact
 - Powerful and reliable operation via standard power socket
 - Less noise emission
 - No wear on the pressure flange
 - Material filter in the pressure flange, replaceable via bypass without disassembly
 - Toolbox including basic accessories
 - Empty running safeguard – increases the service life of the pump



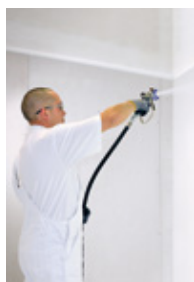
SWING L FC-230V airless

Extended scope of delivery

- RONDO airless DN12 – 20 m
 - Spray gun In Line Texspray
 - Spray nozzle 541
- Note: Spray nozzle corresponds to the “RAC X” design*
- Connecting cable 3 x 1.5 mm², BLU 2-16 A – 5 m
 - Bag squeezer SWING airless
- Note: Only in the “SWING airless with bag squeezer” version in the scope of delivery*

Output – pump unit

- Rotor 306 airless / Stator 306 airless
- Pump output max.*: 6.5 l/min, 140 bar, up to 30 m conveying distance in DN12



RQTA
AIRLESS*

More quiet. More robust.
More economical.

*Airless technology with screw pumps

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

SWING L FC-400V airless



Part no.	Description
----------	-------------

00 53 14 53	SWING L FC-400V airless 400 V, 3 Ph, 50 Hz, 4 kW
-------------	--

00 53 13 48	SWING L FC-400V airless with bag squeezer 400 V, 3 Ph, 50 Hz, 4 kW
-------------	--

Basic equipment

- Drive motor 4 kW, 0 – 320 rpm
 - Pump delivery rate can be continuously adjusted up to max. 8.5 litres with a potentiometer
 - Single-piece plastic material hopper – easy cleaning
 - Pressure flange with electronic mortar pressure monitoring via display
 - Pressure control via digital display
 - Hopper content 70 litres
 - Work with Rotor/Stator airless – without additional compressor
 - Wear parts can be replaced directly at the construction site without a technician – no long downtimes | “Replace and go”
 - Kink protection at the machine outlet
 - Robust machine technology can be used for a variety of materials
 - Paint
 - Spray plaster
 - Grainy material
- Note: Not with “Stator 306 airless”*
- Handy and compact
 - Powerful and reliable operation via standard power socket
 - Less noise emission
 - No wear on the pressure flange
 - Material filter in the pressure flange, replaceable via bypass without disassembly
 - Toolbox including basic accessories
 - Empty running safeguard – increases the service life of the pump



SWING L FC-400V airless
with bag squeezer

Extended scope of delivery

- RONDO airless DN12 – 20 m (2x)
 - Spray gun In Line Texspray
 - Spray nozzle 541
- Note: Spray nozzle corresponds to the “RAC X” design*
- Connecting plug RED 5-16 A
 - Bag squeezer SWING airless
- Note: Only in the “SWING airless with bag squeezer” version in the scope of delivery*

Output – pump unit

- Rotor 306 airless / Stator 306 airless
- Pump output max. *: 8.5 l/min, 140 bar, up to 40 m conveying distance in DN12



RQTA AIRLESS*

More quiet. More robust.
More economical.

*Airless technology with screw pumps

Lime-cement render < 3 mm
Light plaster
Loam plaster

SWING L FC-230V airless
SWING L FC-400V airless

Part no. 00 45 13 36 SWING L FC-230V airless, 230 V, 1 Ph, 50 Hz, 3 kW					
Part no. 00 53 14 53 SWING L FC-400V airless, 400 V, 3 Ph, 50 Hz, 4 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 51 85 42	Conversion kit to plaster application includes: • Rotor C 4-2 bajonett • Stator C 4-2 • Adapter C-pump (2x) • O-ring (2x) • Tie rod for C-pump (3x) • Adapter coupling 19 male part 1" internal thread
2 Dosing area				00 45 11 47	Pump shaft SWING airless
3 Hoses				00 20 04 04	RONDO DN19 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m
5 Spraying gun				00 13 66 24	DN25-360° S14 200 Geka
				00 49 49 04	Adapter coupling 19 female part DN25 male part
6 Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz <i>Note: in connection with "SWING L FC-230V airless"</i>
				00 41 43 37	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz <i>Note: in connection with "SWING L FC-400V airless"</i>
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling Recommended for control via compressed air</i>

Dispersion paint

Part no. 00 45 13 36 SWING L FC-230V airless, 230 V, 1 Ph, 50 Hz, 3 kW					
Part no. 00 53 14 53 SWING L FC-400V airless, 400 V, 3 Ph, 50 Hz, 4 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 44 99 67	Rotor 306 airless
				00 44 99 47	Stator 306 airless
				00 50 37 59	Conversion kit to dispersion paint includes: • Filter unit for paint • Spray gun Contractor DN6 517 • Ball cap 521 • High pressure hose DN6 (1/4") – 15 m • Hydraulic connection DN9 (3/8")

PFT *praktive* tip

Conversion kit for air-assisted spraying
(Part no. 00 50 43 44).

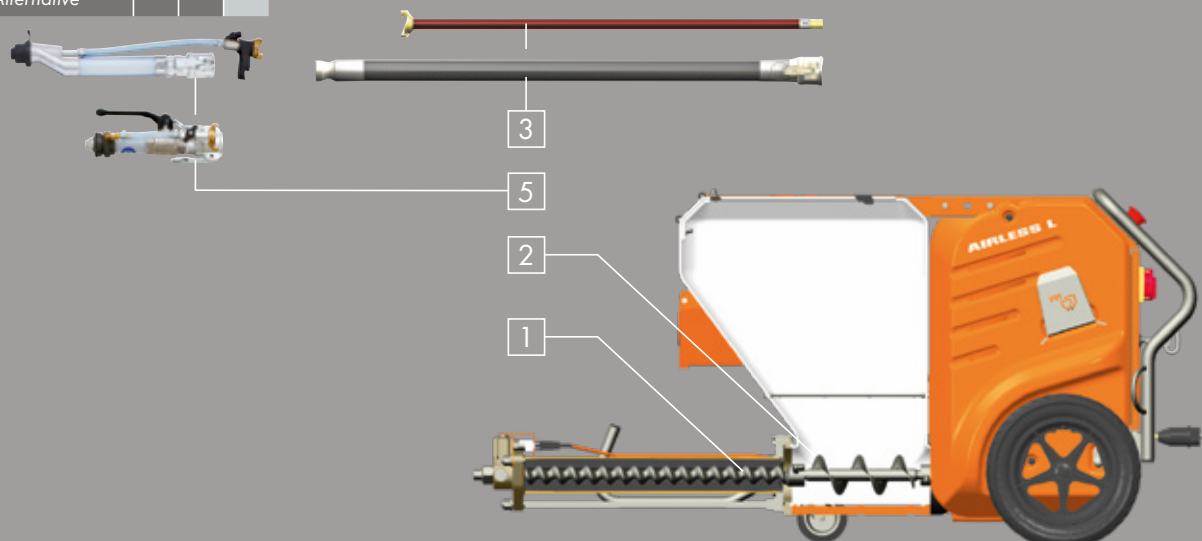
Attractive surface structure by air atomisers of the pasty filler.

The PFT SWING airless with conversion kit for air-assisted spraying ensures the formation of a finely structured surface. The air-atomised, pasty filler can be used as a pure white final coat or with an eventual application of paint.

Reinforcing mortar
Finishing coat, mineral/pasty
Concrete restoration for minor repair work

SWING L FC-230V airless
SWING L FC-400V airless

Part no. 00 45 13 36 SWING L FC-230V airless, 230 V, 1 Ph, 50 Hz, 3 kW					
Part no. 00 53 14 53 SWING L FC-400V airless, 400 V, 3 Ph, 50 Hz, 4 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 51 85 42	Conversion kit to plaster application includes: <ul style="list-style-type: none"> • Rotor C 4-2 bajonett • Stator C 4-2 • Adapter C-pump (2x) • O-ring (2x) • Tie rod for C-pump (3x) • Adapter coupling 19 male part I 1" internal thread
2 Dosing area				00 45 11 47	Pump shaft SWING airless
3 Hoses				00 20 04 04	RONDO DN19 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
5 Spraying gun				20 19 59 00	Decorative plaster DN25 VA10 100 Geka
				00 49 49 04	Adapter coupling 19 female part I DN25 male part
				00 02 12 19	Reamer for cleaning the ventilation holes <i>Recommended for spraying gun decorative plaster</i>
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4
6 Compressor				00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz <i>Note: in connection with "SWING L FC-230V airless"</i>
				00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz <i>Note: in connection with "SWING L FC-400V airless"</i>
				00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling</i> <i>Recommended for control via compressed air</i>
Standard					
Optional					
Alternative					







Insulating plaster

SWING L FC-230V airless
SWING L FC-400V airless

Part no. 00 45 13 36 SWING L FC-230V airless, 230 V, 1 Ph, 50 Hz, 3 kW							
Part no. 00 53 14 53 SWING L FC-400V airless, 400 V, 3 Ph, 50 Hz, 4 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				00 51 85 42	Conversion kit to plaster application includes: <ul style="list-style-type: none">• Rotor C 4-2 bajonett• Stator C 4-2• Adapter C-pump (2x)• O-ring (2x)• Tie rod for C-pump (3x)• Adapter coupling 19 male part 1" internal thread	
					00 45 11 47	Pump shaft SWING airless	
2	Dosing area				00 20 04 04	RONDO DN19 – 10 m	
3	Hoses				20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
5	Spraying gun				00 17 39 39	Squeeze valve DN25 S14 200-30° Geka with fine control air supply and free-blow function	
					00 49 49 04	Adapter coupling 19 female part DN25 male part	
6	Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz <i>Note: in connection with "SWING L FC-230V airless"</i>	
					00 41 43 37	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz <i>Note: in connection with "SWING L FC-400V airless"</i>	
					00 06 71 03	Machine control via separate pressure control max. 3 bar <i>Connection via Ewo coupling Recommended for control via compressed air</i>	

Floor filling compound

Thin screed




Part no. 00 45 13 36 SWING L FC-230V airless, 230 V, 1 Ph, 50 Hz, 3 kW							
Part no. 00 53 14 53 SWING L FC-400V airless, 400 V, 3 Ph, 50 Hz, 4 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				00 51 85 42	Conversion kit to plaster application includes: <ul style="list-style-type: none">• Rotor C 4–2 bajonett• Stator C 4–2• Adapter C-pump (2x)• O-ring (2x)• Tie rod for C-pump (3x)• Adapter coupling 19 male part 1" internal thread	
					00 45 11 47	Pump shaft SWING airless	
3	Hoses				00 20 04 04	RONDO DN19 – 10 m	  
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel	

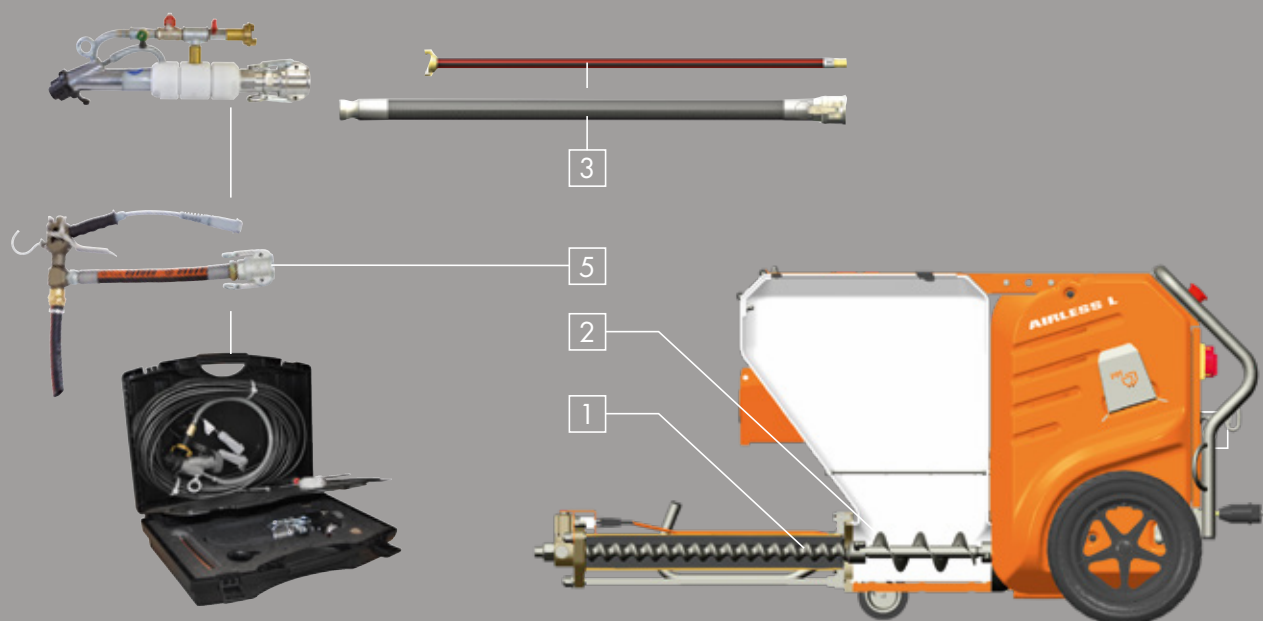
Grouting mortar
Adhesive mortar
Fire protection mortar for filling

SWING L FC-230V airless
SWING L FC-400V airless

Part no. 00 45 13 36 SWING L FC-230V airless, 230 V, 1 Ph, 50 Hz, 3 kW

Part no. 00 53 14 53 SWING L FC-400V airless, 400 V, 3 Ph, 50 Hz, 4 kW







Areas		S	O	A	Part no.	Description		
1	Pump				00 51 85 42	Conversion kit to plaster application includes: <ul style="list-style-type: none">• Rotor C 4–2 bajonett• Stator C 4–2• Adapter C-pump (2x)• O-ring (2x)• Tie rod for C-pump (3x)• Adapter coupling 19 male part 1" internal thread		
					00 45 11 47	Pump shaft SWING airless		
3	Hoses				00 20 04 04	RONDO DN19 – 10 m		
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m		
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>		H 4
					00 49 49 04	Adapter coupling 19 female part DN25 male part		
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	H 4	
					00 41 89 75	JETSET pro DN25 Ewo	H 4	
Standard								
Optional								
Alternative								



Accessories – Start-up

Part no.	Description
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph) <i>More information: Page 07_33</i>
00 46 00 22	RONDO airless DN12 – 20 m
00 20 04 04	RONDO DN19 – 10 m <i>More information: From page 07_28</i>

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
00 08 80 49	Extension for remote control cable – 16 m  <i>More information: Page 07_33</i>
00 45 98 11	Bag squeezer for SWING airless <i>More information: Page 07_26</i>
00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW 250 l/min – max. 4 bar with pressure switch-off 
00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.52 kW 200 l/min – max. 3.4 bar with pressure switch-off 
00 23 31 74	COMP P-400, 230 V, 1 Ph, 50 Hz, 2.2 kW 390 l/h – max. 10 bar with pressure switch-off 
00 20 64 04	COMP P-600, 400 V, 3 Ph, 50 Hz, 3 kW 560 l/h – max. 10 bar with pressure switch-off  <i>More information: From page 07_10</i>
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m
20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka <i>More information: From page 07_14</i>

Spare parts

Part no.	Description
Machine	
00 45 01 33	Wheel rear
00 45 98 05	Front castor – with retainer
00 45 98 04	Front castor – without retainer
00 45 06 58	Carrier hub
00 45 09 97	Tie rod airless 565 mm p.u. = 3 pcs
Grout-wearing parts – wet	
00 45 11 47	Pump shaft
00 49 47 62	Pump shaft D-pump
00 61 74 02	Pump shaft SWING airless HD
00 45 05 46	Suction flange
00 45 07 65	Pressure flange with pressure sensor
00 45 07 66	Pump unit 306 airless
00 47 29 53	Device filter – insert in pressure flange

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ALWAYS AT YOUR SITE





CONVEYING PUMPS

- ZP 3 M FC-230V
- ZP 3 M FC-400V
- ZP 3 M pole-changing
- ZP 3 L vario
- ZP 3 L MULTIMIX
- ■ ZP 3 XL
- ZP 3 XL vario
- ■ ZP 3 XL FC-400V
- ZP 3 XXL FC-400V









PFT machines are designed and adapted for a variety of applications. It's crystal clear – use the PFT rating stars for a superior overview. The more stars, the better this PFT solution is suited to the respective material.

Dry mortar (sacks or bulk)			ZP 3 M FC-230V	ZP 3 M FC-400V
More information on the equipment can be found in the respective machine.				
Gypsum plasters*		Gypsum / Gypsum-lime plaster		
Basic plasters*	< 3 mm	Light plaster		
		Lime-cement render	★ ★ ★ ★	★ ★ ★ ★
		Insulating plaster		
	> 3 mm	Lime-cement render	★ ★ ★ ★	★ ★ ★ ★
		Scratch coat		
Adhesive/Reinforcing mortar, mineral-based*		Adhesive mortar	★ ★ ★ ★	★ ★ ★ ★
		Reinforcing mortar		
Grouting mortar*		Grouting mortar	★ ★ ★ ★	★ ★ ★ ★
Concrete primer*		Concrete primer		
Dispersion paint*		Dispersion paint		
Finishing coat*	< 3 mm	mineral-based		
		pasty		
Fine filler*		mineral-based		
		pasty		
Loam plaster*		Loam plaster	★ ★ ★ ★	★ ★ ★ ★
Masonry mortar*		Masonry mortar		
Fire retardant mortar*		Fire protection mortar for grouting mortar	★ ★ ★ ★	★ ★ ★ ★
Concrete restoration mortar*		SPCC-/PCC-mortar	★ ★ ★ ★	★ ★ ★ ★
		for minor repair work		
Floor application*		Floor screed 35 l	★ ★ ★ ★	★ ★ ★ ★
		Floor screed 60 l		
		Floor screed 120 l		
		Thin screed	★ ★ ★ ★	★ ★ ★ ★
		Floor filler	★ ★ ★ ★	★ ★ ★ ★
	up to 6 mm	Grouting compound	★ ★ ★ ★	★ ★ ★ ★
Building site mixture				
Interior plastering*	(Mixture 1:3)	Lime-cement render	★ ★ ★ ★	★ ★ ★ ★
Exterior plastering*	(Mixture 1:3)	Lime-cement render	★ ★ ★ ★	★ ★ ★ ★

* Conveying pumps: The material must be mixed beforehand, since the pump only serves as a conveying system.

					Conveying unit	
					G 4	
ZP 3 M pole-changing	ZP 3 L MULTIMIX ZP 3 L vario	ZP 3 XL ZP 3 XL vario	ZP 3 XL FC-400V	ZP 3 XXL FC-400V	RITMO	
★★★★	★★★★	★★★★	★★★★		BOLERO	
★★★★	★★★☆☆	★★★★	★★★★			
		★★★★	★★★★			
★★★☆☆	★★★☆☆				LOTUS HM	
★★★☆☆	★★★☆☆					
★★★★	★★★☆☆	★★★★	★★★☆☆			
★★★☆☆	★★★☆☆	★★★☆☆	★★★☆☆			
★★★★	★★★☆☆	★★★★	★★★★			
★★★☆☆	★★★☆☆	★★★☆☆	★★★★	★★★★		
		★★★☆☆	★★★★	★★★★		★★★★
		★★★☆☆	★★★★	★★★★		★★★★
★★★☆☆	★★★☆☆	★★★★	★★★★			
★★★★	★★★☆☆	★★★★	★★★★			
★★★★						
★★★★	★★★★	★★★☆☆	★★★☆☆			
★★★★	★★★★	★★★☆☆	★★★☆☆			
★★★★	★★★★	★★★★	★★★★			
★★★★	★★★★	★★★★	★★★★			



Description	ZP 3 M FC-230V 230 V, 1 Ph, 50 Hz	ZP 3 M FC-400V 400 V, 3 Ph, 50 Hz
Part no.	00 54 25 26	00 54 25 27
		
Application focus	Conveying pump	Conveying pump
Strengths and benefits	<ul style="list-style-type: none"> • Wide wheels, good mobility • Integrated pressure control for compressor • Foldable protection grille with switch-off function • Handle on the pressure flange • Integrated compressor console and hook • Machine switch-off via remote switch • Fluidically optimised material hopper 	<ul style="list-style-type: none"> • Wide wheels, good mobility • Integrated pressure control for compressor • Foldable protection grille with switch-off function • Handle on the pressure flange • Integrated compressor console and hook • Machine switch-off via remote switch • Fluidically optimised material hopper
Basic equipment		
Connection value	230 V, 1 Ph, 50 Hz, 4 kW 	400 V, 3 Ph, 50 Hz, 4 kW 
Drive	Pump motor Mixer motor	
	4 kW, 120 rpm	4 kW, 120 rpm
Material hopper	sheet	sheet
Grout output with mortar pressure gauge	DN35 female part	DN35 female part
Wheels	2 wheels	2 wheels
Water connection	not included	not included
Operation and control	Pump delivery rate can be continuously adjusted with a potentiometer	Pump delivery rate can be continuously adjusted with a potentiometer
Dimensions		
Filling height	640 mm	640 mm
Hopper content	85 litres	85 litres
Length/Width/Height	1,800/600/670 mm	1,800/600/670 mm
Total weight	197 kg	197 kg
Extended scope of delivery		
Mortar hose	RONDO DN35 – 10 m	RONDO DN35 – 10 m
Adapter coupling	not included	not included
Air compressor	COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW, 200 l/min – max. 3.4 bar with pressure switch-off 	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 
Spraying gun	DN35 S16 male part Geka	DN35 S16 male part Geka
Connection cable	3 x 2.5 mm ² , BLU 3-16 A BLA 2-16 A – 25 m	not included
Water hose/Air hose	DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m
Performance data		
Pump capacity, max.*	8 – 33 l/min	8 – 33 l/min
Pump unit*	RENDER STAR · 33 l/min · 20 bar	RENDER STAR · 33 l/min · 20 bar
Conveying distance*	60 m in DN35	60 m in DN35

For more information see page

05.2_11




05.2_11

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

ZP 3 M pole-changing 400 V, 3 Ph, 50 Hz	ZP 3 L vario 400 V, 3 Ph, 50 Hz	ZP 3 L MULTIMIX vario 400 V, 3 Ph, 50 Hz
00 54 25 28	00 45 13 31	00 29 20 48
		
Conveying pump <ul style="list-style-type: none"> Two speeds – for lower and higher capacities Wide wheels, good mobility Integrated pressure control for compressor Foldable protection grille with switch-off function Handle on the pressure flange Integrated compressor console and hook Machine switch-off via remote switch Fluidically optimised material hopper 	Conveying pump <ul style="list-style-type: none"> Can be continuously adjusted mechanically Adjustable delivery capacity by changing the pump (L- or R-pump) Robust and compact Solid rubber wheels with steel rims Doubled gear gasket with inspection opening Crane eyes 	Conveying pump for building site mixture <ul style="list-style-type: none"> Integrated batch mixer Can be continuously adjusted with a vario gearbox Adjustable delivery capacity by changing the pump (L- or R-pump) Solid rubber wheels with steel rims Doubled gear gasket with inspection opening Crane eyes
400 V, 3 Ph, 50 Hz, 3.7/4 kW	400 V, 3 Ph, 50 Hz, 5.5 kW	400 V, 3 Ph, 50 Hz, 5.5 kW
3.7/4 kW, 106/215 rpm	5.5 kW, 70 – 260 rpm	5.5 kW, 70 – 260 rpm 2.2 kW, 56 rpm
sheet	sheet	sheet
DN35 female part	DN50 female part	DN50 female part
2 wheels	2 wheels	2 wheels
not included	not included	Geka DN19 (3/4") – 2.5 bar operating pressure
Pump delivery rate can be continuously adjusted with a potentiometer	Pump delivery rate can be continuously adjusted with a vario gearbox	Pump delivery rate can be continuously adjusted with a vario gearbox
640 mm	630 mm	630 mm
85 litres	130 litres	130 litres
1,800/600/670 mm	2,200/860/745 mm	2,200/860/1,120 mm
197 kg	292 kg	386 kg
RONDO DN35 – 10 m	RONDO DN35 (50 male 35 female part) – 10 m RONDO DN35 – 10 m	RONDO DN35 (50 male 35 female part) – 10 m RONDO DN35 – 10 m
not included	not included	35 female part 50 male part
COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off
DN35 S16 male part Geka	DN35 M20 Geka	DN35 M20 Geka
not included	not included	not included
DN12 (1/2") Ewo Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m DN12 (1/2") Geka Geka – 11 m	DN12 (1/2") Ewo Geka – 11 m DN12 (1/2") Geka Geka – 11 m
16 / 33 l/min	10 – 40 l/min	10 – 40 l/min
RENDER STAR · 16 / 33 l/min · 20 bar	RENDER STAR · 40 l/min · 20 bar	R 7–3 S · 40 l/min · 30 bar
60 m in DN35	60 m in DN50	60 m in DN50
05.2_11	05.2_18	

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net



Description	ZP 3 L MULTIMIX vario 400 V, 3 Ph, 50 Hz	ZP 3 XL 230 V, 3 Ph, 60 Hz
Part no.	00 28 08 02	00 28 08 64
		
Application focus	Conveying pump for building site mixture	Conveying pump
Strengths and benefits	<ul style="list-style-type: none"> • Integrated batch mixer • Can be continuously adjusted with a vario gearbox • Adjustable delivery capacity by changing the pump (L- or R-pump) • Solid rubber wheels with steel rims • Doubled gear gasket with inspection opening • Crane eyes 	<ul style="list-style-type: none"> • Integrated vibrating screen • Adjustable delivery capacity by changing the pump (D-, R- or T-pump) • Solid rubber wheels with steel rims • Doubled gear gasket • Crane eyes • Fixed speed
Basic equipment		
Connected value	400 V, 3 Ph, 50 Hz, 5.5 kW 	230 V, 3 Ph, 60 Hz, 7.5 kW 
Drive	Pump motor Mixer motor	
	5.5 kW, 70 – 260 rpm 2.2 kW, 56 rpm	7.5 kW, 175 rpm
Material hopper	sheet	sheet
Grout output with mortar pressure gauge	DN50 female part	DN50 female part
Wheels	2 wheels	2 wheels
Water connection	Geka DN19 (3/4") – 2.5 bar operating pressure	not included
Operation and control	Pump delivery rate can be continuously adjusted with a vario gearbox	Start/Stop
Dimensions		
Filling height	630 mm	620 mm
Hopper content	130 litres	130 litres
Length/Width/Height	2,200/860/1,120 mm	2,255/725/745 mm
Total weight	366 kg	364 kg
Extended scope of delivery		
Mortar hose	RONDO DN35 (50 male 35 female part) – 10 m RONDO DN35 – 10 m	RONDO DN35 – 10 m
Adapter coupling	35 female part 50 male part	DN35 female part DN50 male part
Air compressor	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 	COMP M-250-V5 handy, 230 V, 3 Ph, 60 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 
Spraying gun	DN35 M20 Geka	DN35 S14 Geka
Connection cable	not included	5 x 4 m ² , BLU 5-32 A – 25 m
Water hose/Air hose	DN12 (1/2") Ewo Geka – 11 m DN12 (1/2") Geka Geka – 11 m	not included
Performance data		
Pump capacity, max.*	10 – 40 l/min	118 l/min (T-pump)
Pump unit*	RENDER STAR · 40 l/min · 20 bar	R 7–3 S · 27 l/min · 30 bar
Conveying distance*	60 m in DN50	100 m in DN50

For more information see page

05.2_18





* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

ZP 3 XL 400 V, 3 Ph, 50 Hz	ZP 3 XL 400 V, 3 Ph, 60 Hz	ZP 3 XL 400 V, 3 Ph, 50 Hz
00 10 29 64	00 27 17 74	00 23 26 78
		
Conveying pump <ul style="list-style-type: none"> Adjustable delivery capacity by changing the pump (D-, R- or T-pump) Solid rubber wheels with steel rims Doubled gear gasket Crane eyes Fixed speed 	Conveying pump <ul style="list-style-type: none"> Adjustable delivery capacity by changing the pump (D-, R- or T-pump) Solid rubber wheels with steel rims Doubled gear gasket Crane eyes Fixed speed 	Conveying pump <ul style="list-style-type: none"> Adjustable delivery capacity by changing the pump (D- or R-pump) Solid rubber wheels with steel rims Doubled gear gasket Crane eyes Fixed speed
400 V, 3 Ph, 50 Hz, 7.5 kW 	400 V, 3 Ph, 60 Hz, 7.5 kW 	400 V, 3 Ph, 50 Hz, 7.5 kW 
7.5 kW, 175 rpm	7.5 kW, 175 rpm	7.5 kW, 175 rpm
sheet	sheet	sheet
DN50 female part	DN50 female part	DN50 female part
2 wheels	2 wheels	2 wheels
not included	not included	not included
Start/Stop	Start/Stop	Start/Stop
620 mm	620 mm	620 mm
130 litres	130 litres	130 litres
2,255/725/745 mm	2,255/725/745 mm	2,255/725/745 mm
238 kg	342.5 kg	302 kg
not included	RONDO DN35 – 10 m	RONDO DN35 – 10 m
DN35 female part DN50 male part	DN35 female part DN50 male part	DN35 female part DN50 male part
not included	COMP M-250-V5 handy, 400 V, 3 Ph, 60 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off 
not included	DN35 S14 Geka	DN35 M20 Geka
not included	5 x 4 m², RED 5-32 A – 25 m	not included
not included	DN12 (1/2") Geka Geka – 11 m	DN12 (1/2") Geka Geka – 11 m
118 l/min (T-pump)	118 l/min (T-pump)	118 l/min (T-pump)
R 7-3 S · 27 l/min · 30 bar	R 7-3 S · 27 l/min · 30 bar	2 L 6 · 27 l/min · 20 bar
100 m in DN50	100 m in DN50	100 m in DN50

05.2_24

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net









Description	ZP 3 XL vario 400 V, 3 Ph, 50 Hz	ZP 3 XL FC-400V 400 V, 3 Ph, 60 Hz
Part no.	00 09 81 25	00 21 18 85
		
Application focus	Conveying pump for building site mixture	Conveying pump
Strengths and benefits	<ul style="list-style-type: none"> Adjustable delivery capacity by changing the pump (D- or R-pump) Pump delivery rate can be continuously adjusted with a vario gearbox Solid rubber wheels with steel rims Doubled gear gasket Crane eyes Fixed speed 	<ul style="list-style-type: none"> Adjustable delivery capacity by changing the pump (D- or R-pump) Can be continuously adjusted electronically Solid rubber wheels with steel rims
Basic equipment		
Connected value	400 V, 3 Ph, 50 Hz, 7.5 kW 	400 V, 3 Ph, 60 Hz, 7.5 kW 
Drive	Pump motor	
	7.5 kW, 70 – 260 rpm	7.5 kW, 70 – 235 rpm
Material hopper	sheet	sheet
Grout output with mortar pressure gauge	DN50 female part	DN50 female part
Wheels	2 wheels	2 wheels
Water connection	not included	not included
Operation and control	Pump delivery rate can be continuously adjusted with a vario gearbox	Pump delivery rate can be continuously adjusted electronically with a frequency converter
Dimensions		
Filling height	620 mm	620 mm
Hopper content	130 litres	130 litres
Length/Width/Height	2,255/725/745 mm	2,255/720/745 mm
Total weight	308 kg	296 kg
Extended scope of delivery		
Mortar hose	not included	not included
Adapter coupling	DN35 female part DN50 male part	DN35 female part DN50 male part
Air compressor	not included	not included
Spraying gun	not included	not included
Connection cable	not included	not included
Water hose/Air hose	not included	not included
Performance data		
Pump capacity, max.*	118 l/min (T-pump)	130 l/min (T 10–1.5)
Pump unit*	R 7–3 S · 40 l/min · 30 bar	R 7–3 S · 10 – 36 l/min · 30 bar
Conveying distance*	100 m in DN50	100 m in DN50

For more information see page

05.2_24

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

ZP 3 XL FC-400V 400 V, 3 Ph, 50 Hz	ZP 3 XXL FC-400V 400 V, 3 Ph, 50 Hz	ZP 3 XXL FC-400V 400 V, 3 Ph, 50 Hz
00 10 29 57	00 15 11 74	00 41 74 79
		
Conveying pump <ul style="list-style-type: none"> Adjustable delivery capacity by changing the pump (D- or R-pump) Can be continuously adjusted electronically Solid rubber wheels with steel rims 	Conveying pump for floor screed <ul style="list-style-type: none"> Long pressure flange for material grain size of up to 14 mm Higher delivery capacity Robust and compact Can be continuously adjusted electronically Solid rubber wheels with steel rims 	Conveying pump for floor screed <ul style="list-style-type: none"> Short pressure flange for material grain size of up to 10 mm Higher delivery capacity Robust and compact Can be continuously adjusted electronically Solid rubber wheels with steel rims Crane eyes
400 V, 3 Ph, 50 Hz, 7.5 kW 	400 V, 3 Ph, 50 Hz, 13 kW 	400 V, 3 Ph, 50 Hz, 13 kW 
7.5 kW, 84 – 280 rpm	13 kW, 14 – 162 rpm	13 kW, 14 – 162 rpm
sheet	sheet	sheet
DN50 female part	DN65 male part	DN65 male part
2 wheels	2 wheels	2 wheels
not included	not included	not included
Pump delivery rate can be continuously adjusted electronically with a frequency converter	Pump delivery rate can be continuously adjusted electronically with a frequency converter	Pump delivery rate can be continuously adjusted electronically with a frequency converter
620 mm	620 mm	620 mm
130 litres	130 litres	130 litres
2,255/720/745 mm	3,075/725/745 mm	3,075/725/745 mm
240 kg	389 kg	380 kg
not included	not included	not included
DN35 female part DN50 male part	not included	not included
not included	not included	not included
not included	not included	not included
not included	not included	not included
not included	not included	not included
130 l/min (T 10–1.5)	15 – 180 l/min	15 – 180 l/min
R 7–3 S · 12 – 42 l/min · 30 bar	2 L 8 · 180 l/min · 20 bar	2 L 8 · 180 l/min · 20 bar
100 m in DN50	150 m in DN65	150 m in DN65
05.2_24	05.2_32	05.2_32

SWINGseries ZP 3 M



Part no.	Description
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00 54 25 26	ZP 3 M FC-230V 230 V, 1 Ph, 50 Hz, 4 kW	BLU 3-16
00 54 25 27	ZP 3 M FC-400V 400 V, 3 Ph, 50 Hz, 4 kW	RED 3-16
00 54 25 28	ZP 3 M pole-changing 400 V, 3 Ph, 50 Hz, 3.7/4 kW	RED 3-16



ZP 3 M FC-230V



ZP 3 M FC-400V
ZP 3 M pole-changing

Basic equipment

- Drive motor 4 kW, 120 rpm
- Drive motor 3.7/4 kW, 106/215 rpm
Note: Applies only to the "ZP 3 M pole-changing" version
- Pump delivery rate can be continuously adjusted with a potentiometer
- Grout outlet with mortar pressure gauge DN35 female part
- Hopper content 85 litres
- Filling height 640 mm
- Wide wheels – good mobility
- Integrated pressure control for compressor
- Foldable protection grille with switch-off function
- Two handles on the material hopper as well as ergonomically formed tubular frame
- Handle on the pressure flange
- Integrated compressor console and hook
- Better cleaning of the machine and the cleaning hole through the C-coupling – hopper runs empty
- Machine switch-off via remote switch
- Fluidically optimised material hopper

Extended scope of delivery

- RONDO DN35 hydraulic connection, male part | female part – 10 m
- Water hose/Air hose DN12 (1/2") Geka | Geka – 11 m
- Spraying gun DN35 S16 male part Geka
- COMP P-200, 230 V, 1 Ph, 50 Hz, 0.5 kW
200 l/min – max. 3.4 bar with pressure switch-off
Note: In the "ZP 3 M FC-230V" version
- COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW
250 l/min – max. 4 bar with pressure switch-off
Note: In the "ZP 3 M FC-400V" and "ZP 3 M pole-changing" version
- Connection cable 3 x 2.5 mm², BLU 3-16 A | BLA 2-16 A – 25 m
Note: In the "ZP 3 M FC-230V" version

Output – pump unit

- Rotor RENDER STAR / Stator RENDER STAR
- Pump capacity max.*: 33 l/min, 20 bar,
up to 60 m conveying distance in DN35
Note: In the "ZP 3 M FC-230V" and "ZP 3 M FC-400V" version
- Pump capacity max.*: 16 / 33 l/min, 20 bar,
up to 60 m conveying distance in DN35
Note: In the "ZP 3 M pole-changing" version



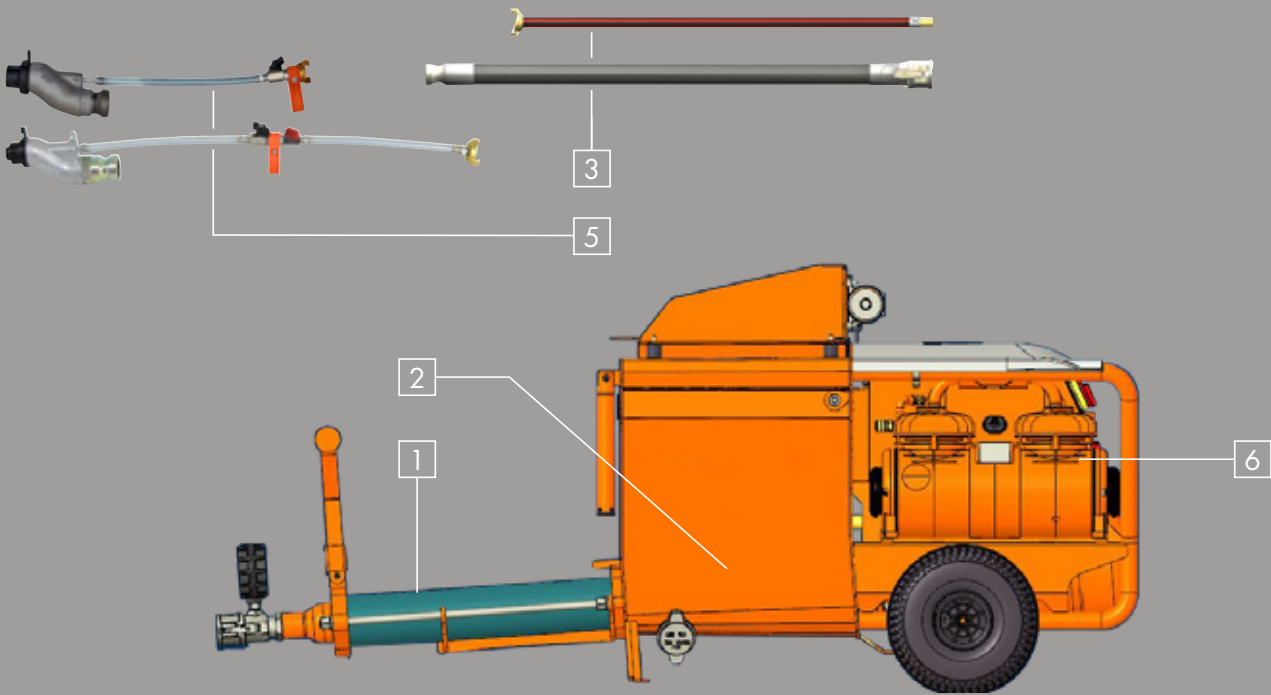
* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

Recommended accessories / Equipment for

Lime-cement render, Building site mixture, exterior plastering
Lime-cement render, Building site mixture, interior plastering
Lime-cement render < 3 mm
Lime-cement render > 3 mm
Loam plaster

ZP 3 M FC-230V
ZP 3 M FC-400V
ZP 3 M pole-changing

Part no. 00 54 25 26 ZP 3 M FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW							
Part no. 00 54 25 27 ZP 3 M FC-400V, 400 V, 3 Ph, 50 Hz, 4 kW							
Part no. 00 54 25 28 ZP 3 M pole-changing, 400 V, 3 Ph, 50 Hz, 3.7 / 4 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				00 53 67 58	Rotor RENDER STAR	
					00 53 67 57	Stator RENDER STAR	
2	Dosing area				00 53 07 72	Pump shaft for L-pump ZP 3 M	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 14 83 84	DN35 M20 Geka	
					00 51 18 45	DN35 S16 V-Teil Geka <i>Note: Only in the "ZP 3 M FC-400V" and "ZP 3 M pole-changing" scope of delivery</i>	
6	Compressor				00 19 62 21	COMP P-200, 230 V, 1 Ph, 50 Hz	
					00 41 48 66	COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz <i>Note: Only in connection with "ZP 3 M FC-400V" and "ZP 3 M pole-changing"</i>	
Standard							
Optional							
Alternativ							



Recommended accessories / Equipment for

Concrete restoration

ZP 3 M FC-230V
ZP 3 M FC-400V
ZP 3 M pole-changing

Part no. 00 54 25 26 ZP 3 M FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 54 25 27 ZP 3 M FC-400V, 400 V, 3 Ph, 50 Hz, 4 kW

Part no. 00 54 25 28 ZP 3 M pole-changing, 400 V, 3 Ph, 50 Hz, 3.7 / 4 kW


Areas		S	O	A	Part no.	Description	
1	Pump				00 53 67 58	Rotor RENDER STAR	
					00 53 67 57	Stator RENDER STAR	
2	Dosing area				00 53 07 72	Pump shaft for L-pump ZP 3 M	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				20 19 63 00	Reprofilier DN35 R12 Geka	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	
6	Compressor					Note: Construction site compressor is required	

Grouting compound up to 6 mm

Part no. 00 54 25 26 ZP 3 M FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW








Part no. 00 54 25 27 ZP 3 M FC-400V, 400 V, 3 Ph, 50 Hz, 4 kW

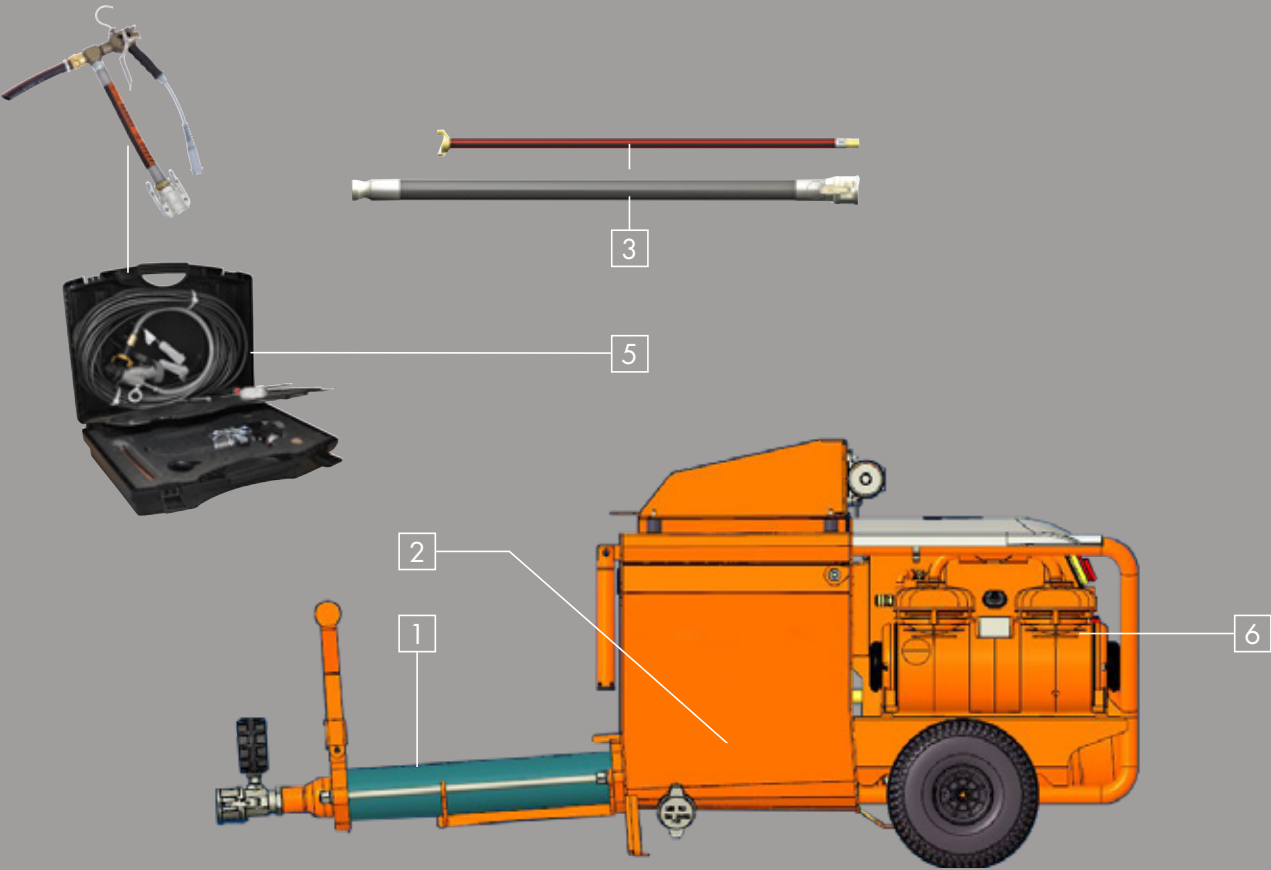
Part no. 00 54 25 28 ZP 3 M pole-changing, 400 V, 3 Ph, 50 Hz, 3.7 / 4 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 53 67 58	Rotor RENDER STAR	
					00 53 67 57	Stator RENDER STAR	
2	Dosing area				00 53 07 72	Pump shaft for L-pump ZP 3 M	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					00 02 12 73	RONDO DN35 pouring hose – 10 m	
5	Spraying gun				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	

Fire protection mortar for filling

ZP 3 M FC-230V
ZP 3 M FC-400V
ZP 3 M pole-changing

Part no. 00 54 25 26 ZP 3 M FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW										
Part no. 00 54 25 27 ZP 3 M FC-400V, 400 V, 3 Ph, 50 Hz, 4 kW										
Part no. 00 54 25 28 ZP 3 M pole-changing, 400 V, 3 Ph, 50 Hz, 3.7 / 4 kW										
Areas		S	O	A	Part no.	Description				
1	Pump				00 53 67 58	Rotor RENDER STAR				
					00 53 67 57	Stator RENDER STAR				
2	Dosing area				00 53 07 72	Pump shaft for L-pump ZP 3 M				
3	Hoses				00 02 11 04	RONDO DN35 – 10 m				
					20 21 16 00	Air hose DN12 (1/2") Ewo Geka – 11 m				
					20 20 03 30	Adapter coupling DN35 male part DN25 male part NW24				
					00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>				H 4
5	Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°				
					00 41 89 75	JETSET pro DN25 Ewo				H 4
Standard										
Optional										
Alternative										



Floor filling compound

Thin screed

Floor screed 35 l/min

ZP 3 M FC-230V



ZP 3 M FC-400V

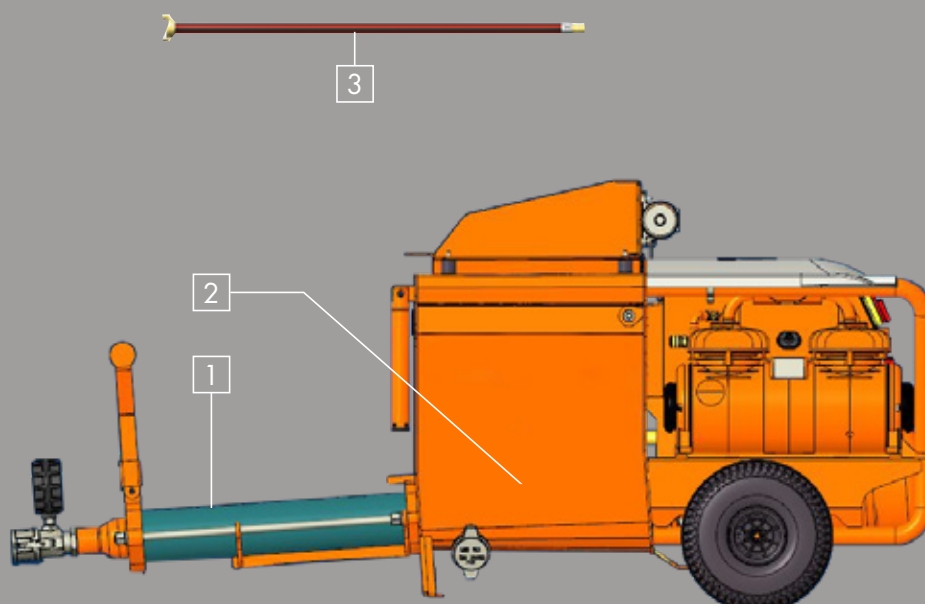
ZP 3 M pole-changing

Part no. 00 54 25 26 ZP 3 M FC-230V, 230 V, 1 Ph, 50 Hz, 4 kW

Part no. 00 54 25 27 ZP 3 M FC-400V, 400 V, 3 Ph, 50 Hz, 4 kW

Part no. 00 54 25 28 ZP 3 M pole-changing, 400 V, 3 Ph, 50 Hz, 3.7 / 4 kW

Areas	S	O	A	Part no.	Description	
1 Pump				00 53 67 58	Rotor RENDER STAR	
				00 53 67 57	Stator RENDER STAR	
2 Dosing area				00 53 07 72	Pump shaft for L-pump ZP 3 M	
3 Hoses				00 02 11 04	RONDO DN35 – 10 m	
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	
Standard						
Optional						
Alternative						



Accessories – Start-up

Part no.	Description
20 42 34 20	Extension cable 3 x 2.5 mm ² , BLU 2-16 A – 25 m (230 V/1 Ph)
20 42 33 60	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 25 m (400 V/3 Ph)

More information: Page 07_33

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m H 4
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 11 38 56	Purging hose DN10 Geka – 11 m For easy cleaning of the material hose
More information: From page 07_14	
00 54 11 74	Vibrating screen for retrofitting for ZP 3 M, 230 V
00 53 08 99	Vibrating screen for retrofitting for ZP 3 M, 400 V

Spare parts

Part no.	Description
Machine	
00 61 84 93	Wheel, puncture-resistant
20 17 67 00	Hauling bracket
00 53 08 27	Protection grille ZP 3 M
00 53 60 50	Safety hook ZP 3 M
20 14 40 31	Face seal pack = 2
00 00 91 92	Centring screw 57 mm
20 14 40 13	O-ring Gasket between the motor housing and the material hopper
00 06 56 93	Blind cap For cleaning the material hopper
20 44 76 00	Pressure switch 0.22/4 bar
Grout-wearing parts – wet pump unit	
00 53 07 72	Pump shaft for L-pump
00 28 05 24	Pressure flange L-pump with crossbars
00 16 00 03	Mortar pressure gauge DN35 female part 1 1/4" external thread
20 10 42 30	O-ring gasket for suction flange
00 28 05 18	Adapter for suction flange from R- to L-pump

PFT MULTIMIX/ Conveying pumps

A perfect system for every professional

Everything that the PFT MULTIMIX transfers to a PFT conveying pump in a well-mixed and well-pumpable form, the pump "transports" it to the processing location. This well thought-out system allows for versatile applications.



ALWAYS AT YOUR SITE



SWINGseries ZP 3 L



Part no. Description

00 45 13 31 ZP 3 L vario
400 V, 3 Ph, 50 Hz, 5.5 kW



00 28 08 02 ZP 3 L MULTIMIX vario
400 V, 3 Ph, 50 Hz, 5.5 kW



Basic equipment

- Drive motor 5.5 kW, 70 – 260 rpm
- Integrated batch mixer
Note: Applies only to "ZP 3 L MULTIMIX vario"
- Mixer with overflow edge
Note: Applies only to "ZP 3 L MULTIMIX vario"
- Mixer motor 2.2 kW, 56 rpm
Note: Applies only to "ZP 3 L MULTIMIX vario"
- Water connection DN19 (3/4")
Note: Applies only to "ZP 3 L MULTIMIX vario"
- Integrated remote pressure control – enables a machine operation on/off via the air supply on the spraying gun
- Pump delivery rate can be continuously adjusted with a vario gearbox
- Adjustable delivery capacity by changing the pump (L- or R-pump)
- Cleaning port in material hopper
- Solid rubber wheels with steel rims
- Doubled gear gasket with inspection opening
- Mortar pressure gauge DN50 female part
- Hopper content 130 litres
- Pump shaft mixes up the material again – no demixing in the pump
- Filling height 630 mm
- Robust metal sheet protects the motor and the gear box
- Tanks optimised for draining – hardly any residual amounts



ZP 3 L vario



ZP 3 L MULTIMIX vario

Extended scope of delivery

- RONDO DN35 (50 male part | 35 female part) – 10 m
- RONDO DN35 hydraulic connection, male part | female part – 10 m
- Adapter coupling 35 female part | 50 male part
Note: Applies only to "ZP 3 L MULTIMIX vario"
- Air hose DN12 (1/2") Ewo male part | Geka – 11 m
- Water hose/Air hose DN12 (1/2") Geka | Geka – 11 m
- Spraying gun DN35 M20 Geka
- COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz, 0.9 kW, 250 l/min – max. 4 bar with pressure switch-off



Output – pump unit

- Rotor RENDER STAR / Stator RENDER STAR
- Pump output*: 40 l/min, 20 bar, up to 60 m conveying distance in DN50



* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

Recommended accessories / Equipment for

Lime-cement render, Building site mixture, exterior plastering

Lime-cement render, Building site mixture, interior plastering

Lime-cement render < 3 mm

Lime-cement render > 3 mm


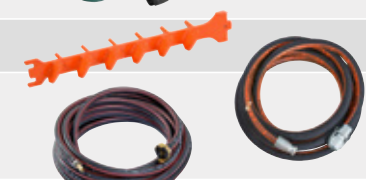



Loam plaster

ZP 3 L vario

ZP 3 L MULTIMIX vario

Part no. 00 45 13 31 ZP 3 L vario, 400 V, 3 Ph, 50 Hz, 5.5 kW

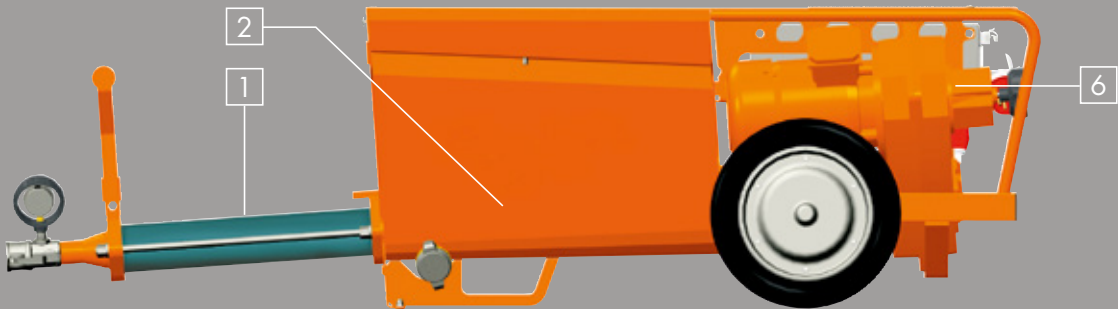
Part no. 00 28 08 02 ZP 3 L MULTIMIX vario, 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 53 67 58	Rotor RENDER STAR	
					00 53 67 57	Stator RENDER STAR	
2	Dosing area				00 54 92 45	Pump shaft for L-pump ZP 3 L	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 14 83 84	DN35 M20 Geka	
6	Compressor				00 41 43 37	COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz 	

Concrete restoration

ZP 3 L vario
ZP 3 L MULTIMIX vario

Part no. 00 45 13 31 ZP 3 L vario, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 28 08 02 ZP 3 L MULTIMIX vario, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Areas		S	O	A	Part no. Description
1	Pump				00 53 67 58 Rotor RENDER STAR
					00 53 67 57 Stator RENDER STAR
2	Dosing area				00 54 92 45 Pump shaft for L-pump ZP 3 L
3	Hoses				00 02 11 04 RONDO DN35 – 10 m
					20 21 16 00 Air hose DN12 (1/2") Ewo Geka – 11 m
5	Spraying gun				20 19 63 00 Reprofilier DN35 R12 Geka
					20 45 69 15 Remote control cable with switch – 25 m on cable reel H 4
6	Compressor				Note: Construction site compressor is required
Standard					
Optional					
Alternative					



Grouting compound up to 6 mm

ZP 3 L vario
ZP 3 L MULTIMIX vario

Part no. 00 45 13 31 ZP 3 L vario, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 28 08 02 ZP 3 L MULTIMIX vario, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 53 67 58	Rotor RENDER STAR
				00 53 67 57	Stator RENDER STAR
2 Dosing area				00 54 92 45	Pump shaft for L-pump ZP 3 L
3 Hoses				00 02 11 04	RONDO DN35 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
				20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4



Fire protection mortar for filling

Adhesive mortar

Grouting mortar

Part no. 00 45 13 31 ZP 3 L vario, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Part no. 00 28 08 02 ZP 3 L MULTIMIX vario, 400 V, 3 Ph, 50 Hz, 5.5 kW					
Areas	S	O	A	Part no.	Description
1 Pump				00 53 67 58	Rotor RENDER STAR
				00 53 67 57	Stator RENDER STAR
2 Dosing area				00 54 92 45	Pump shaft for L-pump ZP 3 L
3 Hoses				00 02 11 04	RONDO DN35 – 10 m
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m
				20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for ZARGOMAT pro and JETSET pro</i> H 4
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360° H 4
				00 41 89 75	JETSET pro DN25 Ewo H 4




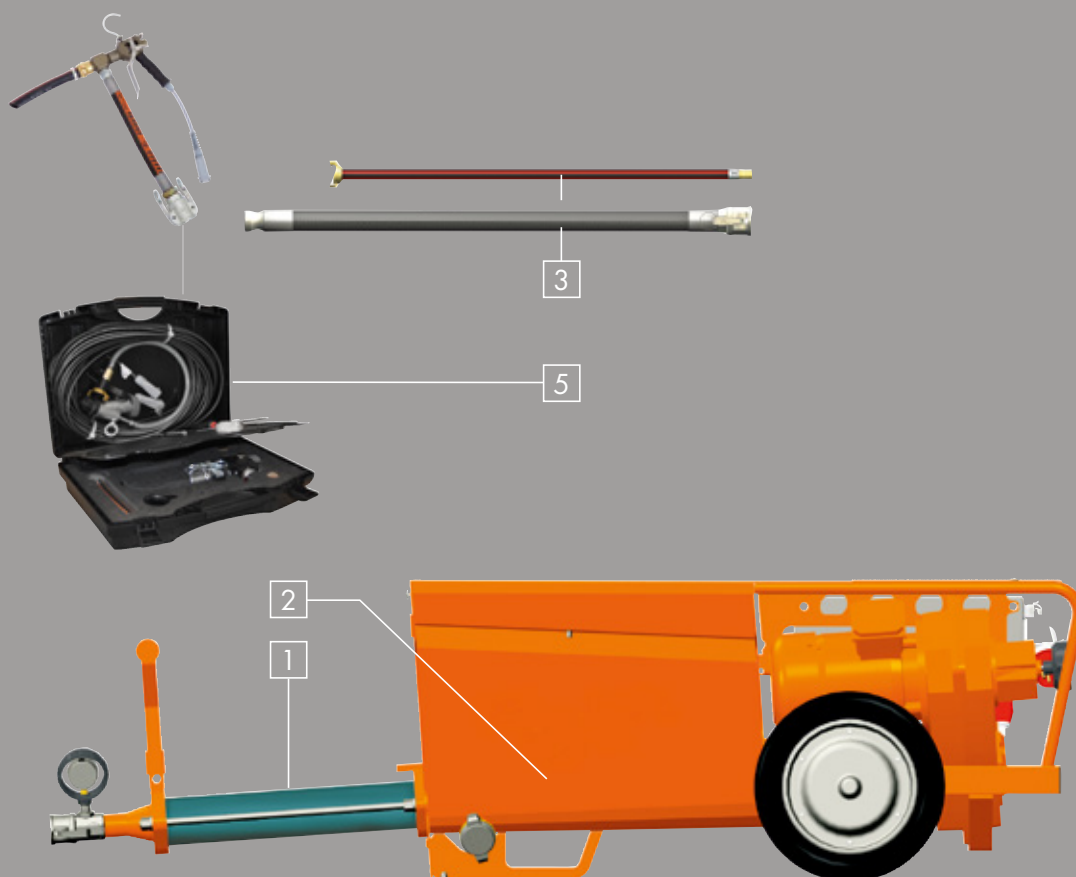
Floor filling compound
Thin screed
Floor screed 35 l/min

ZP 3 L vario
ZP 3 L MULTIMIX vario

Part no. 00 45 13 31 ZP 3 L vario, 400 V, 3 Ph, 50 Hz, 5.5 kW

Part no. 00 28 08 02 ZP 3 L MULTIMIX vario, 400 V, 3 Ph, 50 Hz, 5.5 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 53 67 58	Rotor RENDER STAR	
					00 53 67 57	Stator RENDER STAR	
2	Dosing area				00 54 92 45	Pump shaft for L-pump ZP 3 L	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel	
Standard							
Optional							
Alternative							



ZP 3

SWING

MULTIMIX

LOTUS | HM

BOLERO

RITMO

G 4


Conveying unit

Accessories – Start-up

Part no.	Description
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)
00 10 56 33	Extension cable 5 x 6 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)

More information: Page 07_33

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 11 38 56	Purging hose DN10 Geka – 11 m For easy cleaning of the material hose
<i>More information: From page 07_14</i>	
00 25 53 76	Vibrating screen for retrofitting for ZP 3 L MULTIMIX
00 47 82 12	Assembly aid for R-pump

Spare parts

Part no.	Description
Machine	
00 14 66 94	Wheel rear
00 00 26 32	Quick fastener for wheel
00 28 05 13	Hauling bracket
00 28 44 05	Protection grille ZP 3 L
00 45 13 18	Protection grille ZP 3 L MULTIMIX
00 40 49 54	Sealing ring with grease hole for gasket unit – drive train
00 10 35 21	Sealing ring for hollow shaft
00 40 49 55	Sealing ring for gasket unit – drive train
Grout-wearing parts – wet pump unit	
00 54 92 45	Pump shaft for L-pump ZP 3 L
00 40 66 03	Pressure flange L-pump 2" internal thread
00 16 00 03	Mortar pressure gauge DN35 female part 1 1/4" external thread
20 10 42 30	O-ring gasket for suction flange
Grout-wearing parts – wet batch mixer	
00 28 47 22	Mixing arm inside/below
00 28 47 16	Mixing arm inside
00 28 47 35	Mixing arm outside/above
00 28 48 31	Scraper mixing arm

SWINGseries

ZP 3 XL, ZP 3 XL vario, ZP 3 XL FC-400V



Part no. Description

00 10 29 64

ZP 3 XL

400 V, 3 Ph, 50 Hz, 7.5 kW



Basic equipment

- Drive motor 7.5 kW, 175 rpm
- Adjustable delivery capacity by changing the pump (D- or R-pump)
- Handy, compact
- Solid rubber wheels with steel rims
- Doubled gear gasket with inspection opening
- Grout output DN50 female part with mortar pressure gauge
- Hopper content 130 litres
- Cleaning port in material hopper



ZP 3 XL

Extended scope of delivery

- Adapter coupling DN35 female part I DN50 male part
- Sprocket pump ZP 3 XL

Output – pump unit

- Rotor R 7–3 S / Stator R 7–3 S
- Pump output*: 27 l/min, 30 bar, up to 100 m conveying distance in DN50

00 09 81 25

ZP 3 XL vario

400 V, 3 Ph, 50 Hz, 7.5 kW



00 10 29 57

ZP 3 XL FC-400V

400 V, 3 Ph, 50 Hz, 7.5 kW



Basic equipment

- Drive motor 7.5 kW, 70 – 260 rpm
- Pump delivery rate can be continuously adjusted with a vario gearbox
Note: Only in "ZP 3 XL vario"
- Pump delivery rate can be continuously adjusted electronically with a potentiometer
Note: Only in "ZP 3 XL FC-400V"
- Adjustable delivery capacity by changing the pump (D- or R-pump)
- Solid rubber wheels with steel rims
- Doubled gear gasket with inspection opening
- Grout output DN50 female part with mortar pressure gauge
- Hopper content 130 litres
- Cleaning port in material hopper



ZP 3 XL FC-400 V

Extended scope of delivery

- Adapter coupling DN35 female part I DN50 male part
- Sprocket pump ZP 3 XL

Output – pump unit

- Rotor R 7–3 S / Stator R 7–3 S
- Pump output*: 40 l/min, 30 bar, up to 100 m conveying distance in DN50

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

Scratch coat

ZP 3 XL
ZP 3 XL vario
ZP 3 XL FC-400V

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas	S	O	A	Part no.	Description	
1	Pump			20 11 48 21	Rotor R 7-3 S	
				20 11 63 01	Stator R 7-3 S	
				20 11 79 00	Clamp for R-pump 545 mm	
				20 11 89 10	Tie rod for R-/T-pump 630 mm	
2	Dosing shaft			00 14 75 80	Sprocket pump shaft ZP 3 XL	
3	Hoses			00 02 11 00	RONDO DN25 – 10 m	
				00 02 11 04	RONDO DN35 – 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun			20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24	
				00 41 92 24	Adapter coupling Geka I Ewo female part	
				00 13 66 24	DN25-360° S14 200 Geka	
				20 19 60 00	DN35-360° S14 Geka with free-blow function	
6	Compressor			00 15 11 79 00 14 85 10	Retrofitting kit for air compressor ZP 3 XL FC-400V/vario for part no. 00 10 29 57 for part no. 00 09 81 25 and 00 10 29 64 includes: • COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz • Pressure switch-off for compressor • Pressure control for machine • Support for compressor	

Floor screed 35 l/min | 60 l/min | 120 l/min

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas	S	O	A	Part no.	Description	
1	Pump			20 11 49 70	Rotor T 10-1.5	
				20 11 66 00	Stator T 10-1.5	
				20 11 89 10	Tie rod for R-/T-pump 630 mm	
				00 10 21 15	Pressure flange T-pump	
				00 16 23 66	Suction flange T-pump	
				00 15 17 73	Pump unit T 10-1.5	
2	Dosing area			00 14 75 80	Sprocket pump shaft ZP 3 XL	
3	Hoses			00 17 24 05	RONDO DN50 – 13.3 m	
				00 02 11 23	RONDO DN35 pouring hose – 13.3 m	
				20 20 07 91	Adapter coupling DN35 female part I DN50 male part	
				20 45 69 16	Remote control cable with switch – 50 m on cable reel	

Lime-cement render < 3 mm

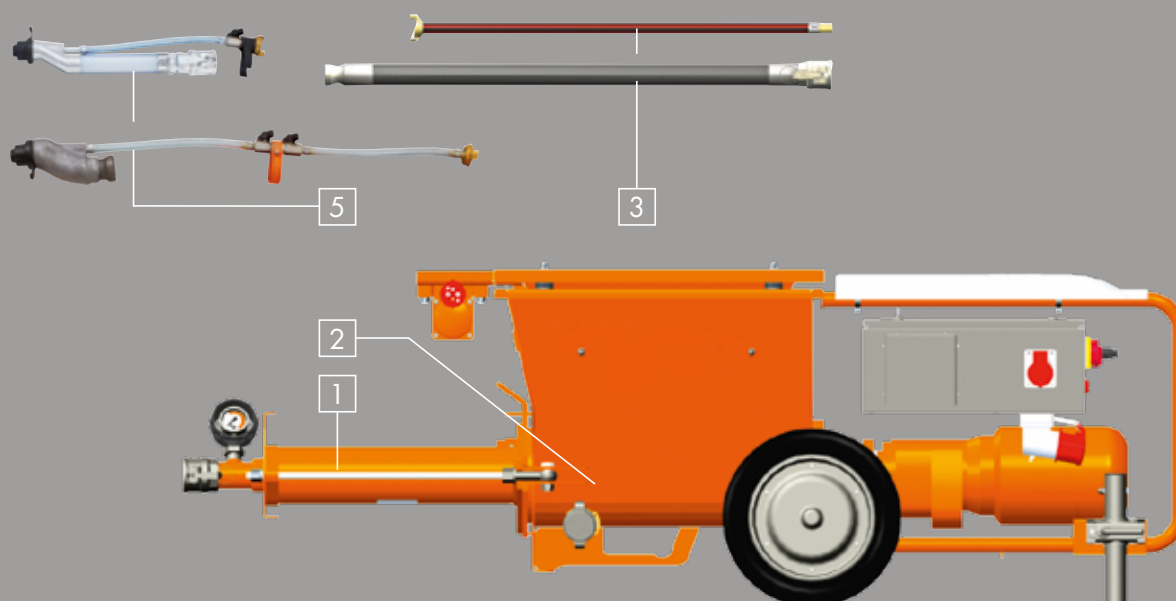
ZP 3 XL
ZP 3 XL vario
ZP 3 XL FC-400V

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 21	Rotor R 7-3 S	
				20 11 63 01	Stator R 7-3 S	
				20 11 79 00	Clamp for R-pump 545 mm	
				20 11 89 10	Tie rod for R-/T-pump 630 mm	
2 Dosing area				00 14 75 80	Sprocket pump shaft ZP 3 XL	
3 Hoses				00 02 11 00	RONDO DN25 - 10 m	
				20 21 16 00	Air hose DN12 (1/2") Ewo Geka - 11 m	
				20 20 03 30	Adapter coupling DN35 male part DN25 male part NW24	
5 Spraying gun				00 41 92 24	Adapter coupling Geka Ewo female part	
				00 13 66 24	DN25-360° S14 200 Geka	
6 Compressor				00 15 11 79 00 14 85 10	Retrofitting kit for air compressor ZP 3 XL FC-400V/vario for part no. 00 10 29 57 for part no. 00 09 81 25 and 00 10 29 64 includes: • COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz • Pressure switch-off for compressor • Pressure control for machine • Support for compressor	
Standard						
Optional						
Alternative						






Grouting compound up to 6 mm

ZP 3 XL
ZP 3 XL vario
ZP 3 XL FC-400V

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW

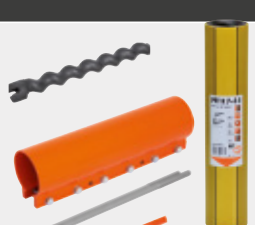


Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 30	Rotor R 8–3	
				20 11 63 10	Stator R 8–3	
				20 11 79 00	Clamp for R-pump 545 mm	
				20 11 89 10	Tie rod for R-/T-pump 630 mm	
2 Dosing area				00 14 75 80	Sprocket pump shaft ZP 3 XL	
3 Hoses				00 02 11 04	RONDO DN35 – 10 m	
				20 20 07 95	Adapter coupling DN35 male part I 1 1/4" internal thread	
				20 45 69 15	Remote control cable with switch – 25 m on cable reel	

Floor filling compound
Thin screed

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 21	Rotor R 7–3 S	
				20 11 63 01	Stator R 7–3 S	
				20 11 79 00	Clamp for R-pump 545 mm	
				20 11 89 10	Tie rod for R-/T-pump 630 mm	
2 Dosing area				00 14 75 80	Sprocket pump shaft ZP 3 XL	
3 Hoses				00 02 11 00	RONDO DN25 – 10 m	
				20 20 03 30	Adapter coupling DN35 male part I DN25 male part NW24	
				20 45 69 15	Remote control cable with switch – 25 m on cable reel	




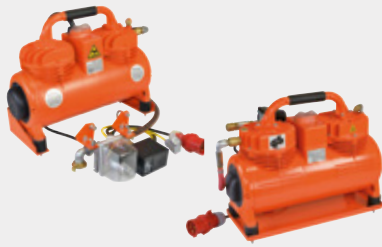
Lime-cement render > 3 mm Loam plaster

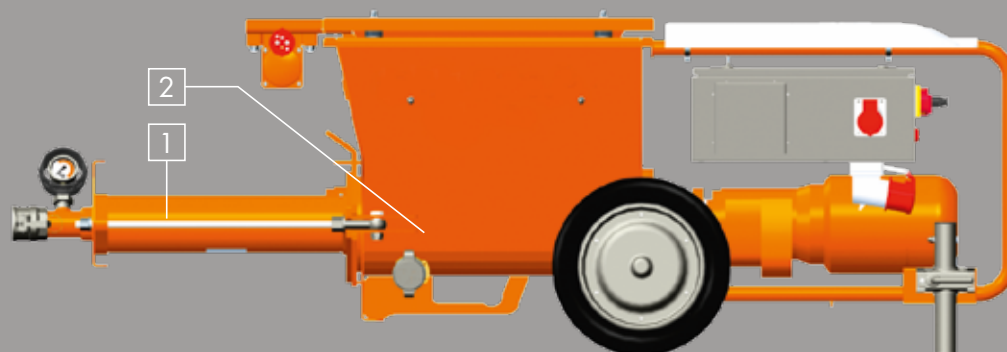
ZP 3 XL
ZP 3 XL vario
ZP 3 XL FC-400V

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW


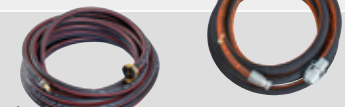


Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 21	Rotor R 7-3 S	
				20 11 63 01	Stator R 7-3 S	
				20 11 79 00	Clamp for R-pump 545 mm	
				20 11 89 10	Tie rod for R-/T-pump 630 mm	
2 Dosing area				00 14 75 80	Sprocket pump shaft ZP 3 XL	
3 Hoses				00 02 11 04	RONDO DN35 – 10 m	
				20 21 16 00	Air hose DN12 (1/2\") Ewo I Geka – 11 m	
5 Spraying gun				20 19 60 00	DN35 S14 Geka with free-blow function	
6 Compressor				00 15 11 79 00 14 85 10	Retrofitting kit for air compressor ZP 3 XL FC-400V/vario for part no. 00 10 29 57 for part no. 00 09 81 25 and 00 10 29 64 includes: • COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz • Pressure switch-off for compressor • Pressure control for machine • Support for compressor	
Standard						
Optional						
Alternative						







Recommended accessories / Equipment for

Lime-cement render, Building site mixture, exterior plastering
Lime-cement render, Building site mixture, interior plastering

ZP 3 XL
ZP 3 XL vario
ZP 3 XL FC-400V

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW							
Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW							
Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				00 14 78 40	Pump unit 2 L 6, includes: <ul style="list-style-type: none">• Rotor 2 L 6• Stator 2 L 6• Pressure flange• Suction flange• Pump shaft 2 L 6	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
5	Spraying gun				00 14 83 84	DN35 M20 Geka	
6	Compressor				00 15 11 79 00 14 85 10	Retrofitting kit for air compressor ZP 3 XL FC-400V/vario for part no. 00 10 29 57 for part no. 00 09 81 25 and 00 10 29 64 includes: <ul style="list-style-type: none">• COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz• Pressure switch-off for compressor• Pressure control for machine• Support for compressor	

Concrete restoration mortar

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW							
Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW							
Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW							
Areas		S	O	A	Part no.	Description	
1	Pump				20 11 48 51	Rotor R 7–2.5	
					20 11 63 50	Stator R 7–2.5	
					20 11 78 00	Clamp for R-pump 270 mm	
					20 11 87 20	Tie rod for R-pump 350 mm	
2	Dosing area				00 14 75 80	Sprocket pump shaft ZP 3 XL	
3	Hoses				00 02 11 04	RONDO DN35 – 10 m	
					20 21 16 00	Air hose DN12 (1/2") Ewo I Geka – 11 m	
					20 45 69 15	Remote control cable with switch – 25 m on cable reel H 4	
5	Spraying gun				20 19 63 00	Reprofilier DN35 R12 Geka	




Fire protection mortar

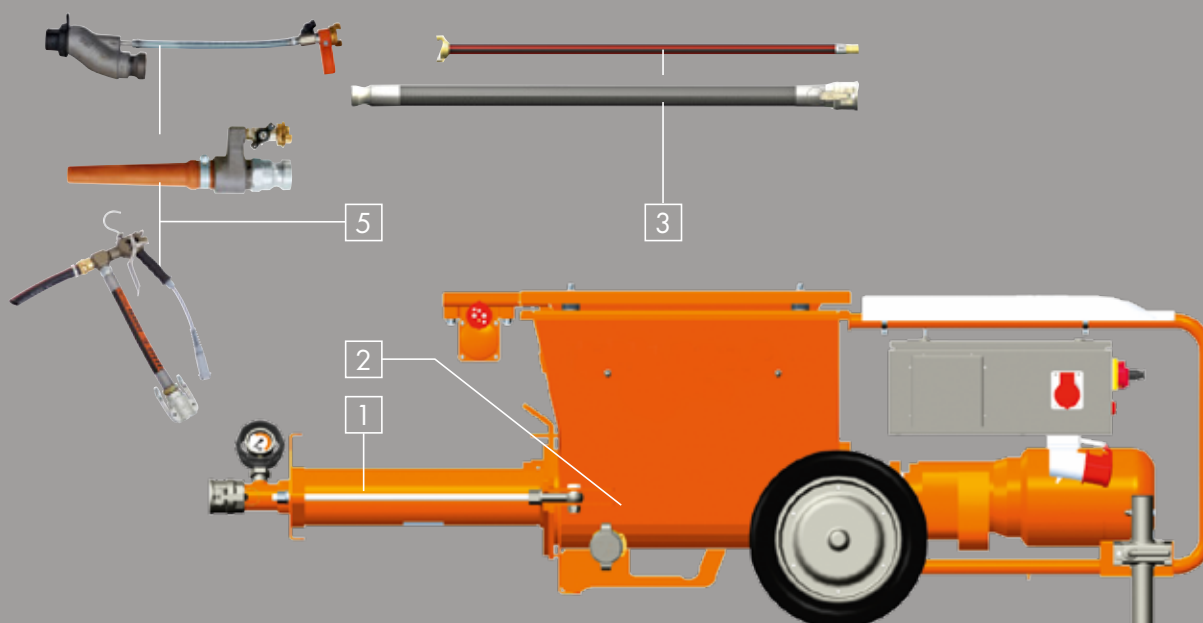
ZP 3 XL
ZP 3 XL vario
ZP 3 XL FC-400V

Part no. 00 10 29 64 ZP 3 XL, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 09 81 25 ZP 3 XL vario, 400 V, 3 Ph, 50 Hz, 7.5 kW

Part no. 00 10 29 57 ZP 3 XL FC-400V, 400 V, 3 Ph, 50 Hz, 7.5 kW

Areas	S	O	A	Part no.	Description	
1 Pump				20 11 48 51	Rotor R 7-2.5	
				20 11 63 50	Stator R 7-2.5	
				20 11 78 00	Clamp for R-pump 270 mm	
				20 11 87 20	Tie rod for R-pump 350 mm	
2 Dosing area				00 14 75 80	Sprocket pump shaft ZP 3 XL	
3 Hoses				00 02 11 00	RONDO DN25 – 10 m	
				20 20 03 30	Adapter coupling DN35 male part DN25 male part NW24	
				00 08 80 49	Extension for remote control cable – 16 m <i>Recommended for ZARGOMAT pro and JETSET pro</i>	
5 Spraying gun				00 42 00 58	ZARGOMAT pro DN25-360°	
Standard						
Optional						
Alternative						




Accessories – Start-up

Part no.	Description
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)
00 10 56 33	Extension cable 5 x 6 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)

More information: Page 07_33

Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 11 38 56	Purging hose DN10 Geka – 11 m For easy cleaning of the material hose
<i>More information: From page 07_14</i>	
00 47 82 12	Assembly aid for R-pump
00 14 81 46	Vibrating screen for retrofitting
00 09 80 04	Extension hopper 300 mm with sieve insert and surge case
00 15 11 79	Retrofit kit for air compressor for Part no. 00 10 29 57
00 14 85 10	Retrofit kit for air compressor for Part no. 00 09 81 25 and 00 10 29 64 includes: <ul style="list-style-type: none">• COMP M-250-V5 handy, 400 V, 3 Ph, 50 Hz• Pressure switch-off for compressor• Pressure control for machine• Support for compressor



Spare parts

Part no.	Designation
Machine	
00 14 66 94	Wheel rear
00 00 26 32	Quick fastener for wheel
00 10 24 92	Plastic cover
00 09 87 17	Carrier hub
00 09 87 18	Hollow shaft
00 10 21 27	Protective grille
00 09 88 21	Sealing ring with grease hole for gasket unit – drive train
00 09 88 23	Sealing ring for hollow shaft
00 09 88 22	Sealing ring for gasket unit – drive train
00 00 20 64	Joint disc for pump shaft – torsional vibration absorber
Grout-wearing parts – wet	
00 14 75 80	Sprocket pump shaft
00 04 58 30	Pressure flange R-pump 2" external thread – straight
00 09 90 89	Pressure gauge ZP 3 XL
20 17 21 05	Gasket material hopper for suction flange

SWINGseries ZP 3 XXL FC-400V



Part no. Description

00 15 11 74 **ZP 3 XXL FC-400V**
400 V, 3 Ph, 50 Hz, 13 kW



00 41 74 79 **ZP 3 XXL FC-400V**
400 V, 3 Ph, 50 Hz, 13 kW



Basic equipment

- Drive motor 13 kW, 14 – 162 rpm
- Pump delivery rate can be continuously adjusted electronically with a frequency converter
- Solid rubber wheels with steel rims
- Doubled gear gasket with inspection opening
- Grout output DN65 male part with mortar pressure gauge
- Hopper content 130 litres
- Cleaning port in material hopper
- Robust, handy and compact

Extended scope of delivery

- Long pressure flange for material grain size of up to 14 mm
Note: Applies only to "ZP 3 XXL FC-400V, part no. 00 15 11 74"
- Short pressure flange for material grain size of less than 10 mm
Note: Applies only to "ZP 3 XXL FC-400V, part no. 00 41 74 79"

Output – pump unit

- Rotor 2 L 8 / Stator 2 L 8
- Pump output*: 180 l/min, 20 bar, up to 150 m conveying distance in DN65



ZP 3 XXL FC-400V
(long pressure flange)



ZP 3 XXL FC-400V
(short pressure flange)






* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.

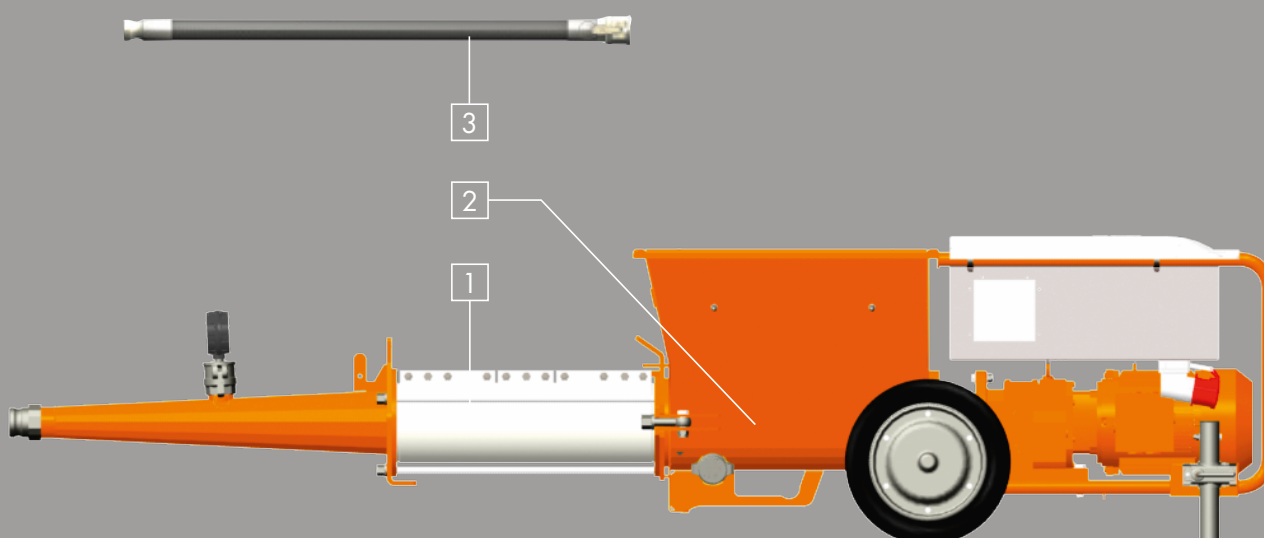
Floor screed up to 14 mm, round grain

ZP 3 XXL FC-400V

Part no. 00 15 11 74 ZP 3 XXL FC-400V, 400 V, 3 Ph, 50 Hz, 13 kW

Part no. 00 41 74 79 ZP 3 XXL FC-400V, 400 V, 3 Ph, 50 Hz, 13 kW

Areas		S	O	A	Part no.	Description	
1	Pump				00 47 88 01	Rotor 2 L 8	
					00 47 87 98	Stator 2 L 8	
2	Dosing area				00 12 90 57	Pump shaft 2 L 8 for ZP 3 XXL	
3	Hoses				00 08 31 88	RONDO DN65 – 10 m	
					00 17 24 05	RONDO DN50 – 13.3 m	
					00 02 11 23	RONDO DN35 pouring hose – 13.3 m	
					00 09 92 06	Adapter coupling DN50 male part DN65 female part	
					20 20 07 91	Adapter coupling DN35 female part DN50 male part	
					20 45 69 29	Remote control cable with switch – 25 m H4	
					20 45 69 34	Extension for remote control cable – 50 m H4	
					00 04 74 89	Remote control cable with switch and potentiometer for the speed control – 25 m H4 <i>Only for "ZP 3 XXL FC-400V, Part no. 00 41 74 79"</i>	
Standard							
Optional							
Alternative							




Accessories – Start-up

Part no.	Description
20 42 39 20	Extension cable 5 x 4 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)
00 10 56 33	Extension cable 5 x 6 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)

More information: Page 07_33

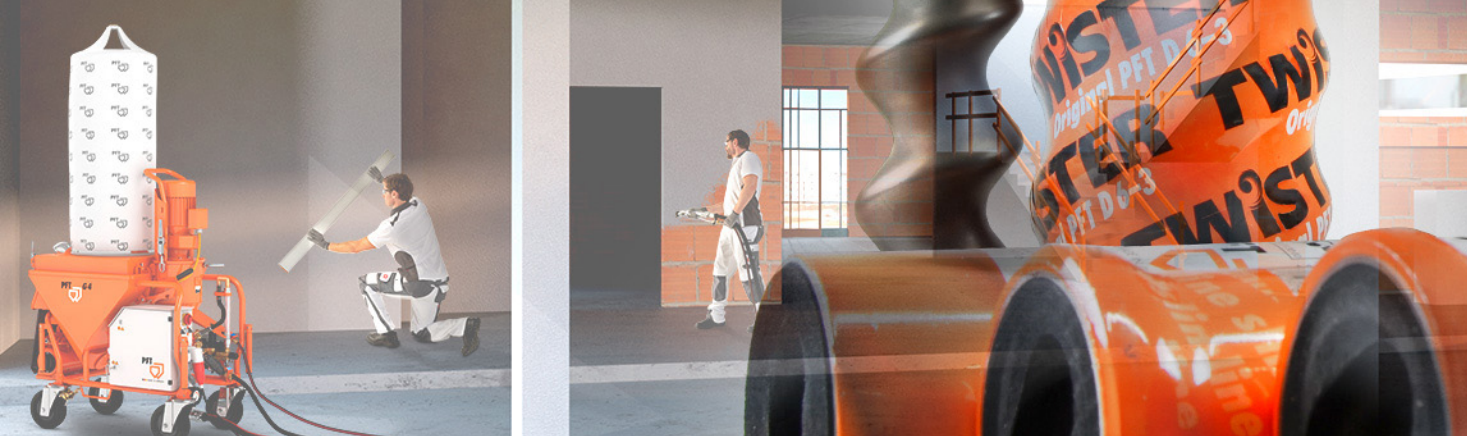
Extras

Part no.	Description
20 45 69 29	Remote control cable with switch – 25 m 
20 21 11 00	Water hose DN12 (1/2") Geka Geka – 5 m
20 21 57 00	Spray nozzle DN19 (3/4") Geka
00 11 38 56	Purging hose DN10 Geka – 11 m For easy cleaning of the material hose
More information: From page 07_33	
00 09 80 04	Extension hopper 300 mm with sieve insert and surge case

Spare parts

Part no.	Description
Machine	
00 14 66 94	Wheel rear
00 00 26 32	Quick fastener for wheel
00 10 36 29	Carrier hub
00 10 36 58	Hollow shaft
00 10 21 27	Protection grille
00 10 41 22	Sealing ring with grease hole for gasket unit – drive train
00 10 41 24	Sealing ring for hollow shaft
00 09 88 22	Sealing ring for gasket unit – drive train
00 09 61 78	Joint disc for pump shaft – torsional vibration absorber
Grout-wearing parts – wet	
00 10 36 56	Sprocket pump shaft
00 10 36 69	Pressure flange – long up to 14 mm grain
00 28 43 20	Pressure flange – short up to 10 mm grain
00 09 85 25	Pressure gauge ZP 3 XXL
20 17 21 05	Gasket material hopper for suction flange

* Guide values depending on grout quality, grout composition, grout consistency, pump design, pump condition, delivery tube diameter and delivery height. Ultimately, the specific directives of the material producer are authoritative.



ROTOR/STATOR SYSTEMS

TWISTER

slimline

maintenance-free (mf)

clampable

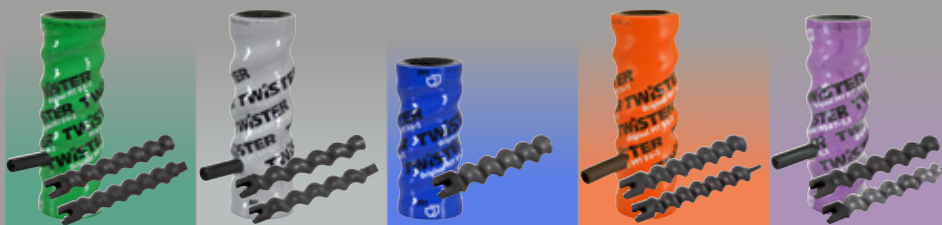
airless

Pump equipment for:

G 4 | RITMO | BOLERO
SWING | ZP 3

- Suction flange
- Pressure flange
- Agitator

PFT Rotor/Stator systems



Colour code	mint green	silver	blue	orange	purple
Description	D 4-3 PIN TWISTER	D 5-2.5 PIN TWISTER	D 6-2 PIN TWISTER	D 6-3 PIN TWISTER	D 7-2.5 PIN TWISTER
Stator, Part no.	00 01 05 43	00 01 09 04	00 06 34 38	00 00 78 99	00 26 22 37
Rotor without tang, Part no.	20 11 43 10	00 02 13 99	00 06 70 15	00 23 79 08	20 11 35 00
Rotor with tang, Part no.	20 11 43 20	00 00 20 70	–	20 11 30 10	20 11 35 10
Machine type	G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL SWING L	G 4 RITMO XL SWING L	G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL SWING L
Technical data					
Operating pressure, bar	30	25	20	30	25
Stator – Length / Ø, mm	273 / 90	273 / 90	200 / 90	273 / 90	273 / 90
Max. grain size, mm	3	3	3	3	3
Output at 400/200 rpm / l/min	14 / 7	25 / 12	20 / 10	20 / 10	27 / 13
Clamp					
Clamp, Part no.	–	–	–	–	–
Tie rods, Part no.	20 11 87 80	20 11 87 80	20 11 87 09	20 11 87 80	20 11 87 80
Applications					
Gypsum / Gypsum-lime plaster		✓	✓	✓ ¹⁾	✓
Light plaster		✓	✓	✓	✓
Lime-cement render < 3 mm		✓	✓	✓	✓
Insulating plaster					
Lime-cement render > 3 mm					
Scratch coat					
Adhesive mortar	✓ ¹⁾			✓	
Reinforcing mortar	✓ ¹⁾			✓ ²⁾	
Grouting mortar	✓ ¹⁾			✓	
Concrete primer					
Dispersion paint					
Finishing coats, mineral	✓ ¹⁾			✓ ²⁾	
Finishing coats, pasty	✓			✓ ²⁾	
Fine filler, mineral	✓ ²⁾				
Fine filler, pasty	✓ ²⁾				
Loam plaster, dry				✓	✓
Loam plaster, earth-moist					✓
Masonry mortar					
Fire protection mortar				✓	
Concrete restoration mortar				✓ ²⁾	
Floor screed 35 l					
Floor screed 60 l					
Floor screed 85 l					
Floor screed 120 l					
Thin screed					
Floor fillers					
Building site mixture					


✓

✓

The equipment can be found in the respective chapter

Do you have any questions about the equipment? Our Technical Hotline is happy to help you

Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.

							Conveying unit
							G 4
							RITMO
							BOLERO
							LOTUS HM
							MULTIMIX
							SWING
							ZP 3
							Rotor/Stator
							
yellow	black	orange	orange	distant blue	patina green	light green	
D 8-1.5 PIN TWISTER	D 8-2 PIN TWISTER	SD 6-3 slimline	SD 6-3 slimline soft	A 2-2.5 L mf	A 2-2.5 L mf	A 3-2 mf	
00 01 09 05	00 53 08 82	00 40 62 89	00 58 50 53	00 62 85 87	00 07 16 16	00 66 21 97	
20 11 47 00	00 54 37 61	00 40 62 88	00 40 62 88	00 62 85 89	00 07 16 43	00 66 21 98	
20 11 47 20	00 60 81 53	-	-	-	-	-	
G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL SWING L	G 4 (230V) RITMO XL (230V) ¹⁾ SWING L (230V) ²⁾	G 4 (230V) RITMO XL (230V) ¹⁾ SWING L (230V) ²⁾ RITMO L plus ⁵⁾	RITMO L plus	RITMO M / L	RITMO L plus	
15	25	20	15	20	20	20	
273 / 90	273 / 90	273 / 90	273 / 90	160 / 40	160 / 40	160 / 40	
3	3	2	3	2	2	2	
36 / 18	32 / 16	20 / 10	20 / 10	2 / 1	2 / 1	4 / 2	
-	-	-	-	-	-	-	
20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80	00 09 41 44	00 09 41 44	00 09 41 44	
	✓	✓ ¹⁾	✓ ⁵⁾				
✓ ²⁾	✓	✓ ¹⁾	✓ ⁵⁾				
✓ ²⁾	✓	✓ ¹⁾	✓ ⁵⁾				
✓		✓ ¹⁾	✓ ⁵⁾				
			✓ ⁵⁾				
✓ ¹⁾							
✓ ²⁾		✓ ¹⁾	✓ ⁵⁾				
✓ ²⁾		✓ ¹⁾	✓ ⁵⁾				
✓ ²⁾		✓ ¹⁾	✓ ⁵⁾				
✓ ²⁾		✓ ¹⁾	✓ ⁵⁾				✓
✓ ²⁾		✓ ¹⁾	✓ ⁵⁾				✓
✓ ²⁾				✓	✓		✓
✓ ²⁾			✓ ⁵⁾	✓	✓		✓
✓ ²⁾	✓	✓ ¹⁾	✓ ⁵⁾				
✓	✓						
✓ ²⁾							
✓ ²⁾		✓ ¹⁾	✓ ⁵⁾				
✓ ¹⁾							
✓ ¹⁾							
✓ ¹⁾							
✓		✓	✓ ⁵⁾				
✓	✓	✓ ¹⁾	✓ ⁵⁾				
✓		✓ ¹⁾					

PFT Rotor/Stator systems



Colour code	silver	grey/white	pastel yellow	pastel yellow	red
Description	A 3-2 L	B 4-1.5 L mf	B 4-2 L mf soft	B 4-2 L mf	B 4-2 mf
Stator, Part no.	00 13 76 29	00 04 85 66	00 59 36 95	00 28 01 82	00 00 84 62
Rotor without tang, Part no.	00 04 78 92	00 06 91 86	00 28 01 81	00 28 01 81	00 24 58 10
Rotor with tang, Part no.	–	00 14 74 13	00 29 23 02	00 29 23 02	00 25 11 47
Machine type	RITMO M / L	RITMO M / L	RITMO L	RITMO L	RITMO L plus ⁵⁾ SWING M
Technical data					
Operating pressure, bar	20	15	15	20	20
Stator – Length / Ø, mm	160 / 40	160 / 50	210 / 50	210 / 50	210 / 50
Max. grain size, mm	2	2	3	2	2
Output at 400/200 rpm / l/min	4 / 2	10 / 5	10 / 5	10 / 5	10 / 5
Clamp					
Clamp, Part no.	–	–	–	–	–
Tie rods, Part no.	00 09 41 44	00 13 07 79	00 28 44 79	00 28 44 79	00 28 44 79
Applications					
Gypsum / Gypsum-lime plaster		✓		✓	✓ ⁵⁾
Light plaster		✓		✓	✓
Lime-cement render < 3 mm		✓	✓	✓	✓ ⁵⁾
Insulating plaster		✓	✓	✓	✓ ⁵⁾
Lime-cement render > 3 mm			✓		
Scratch coat			✓		
Adhesive mortar		✓		✓	✓ ⁵⁾
Reinforcing mortar		✓		✓	✓ ⁵⁾
Grouting mortar		✓		✓	✓ ⁵⁾
Concrete primer					✓
Dispersion paint					✓
Finishing coats, mineral	✓	✓	✓	✓	✓ ⁵⁾
Finishing coats, pasty	✓	✓	✓	✓	✓ ⁵⁾
Fine filler, mineral	✓				✓
Fine filler, pasty	✓	✓		✓	✓
Loam plaster, dry		✓		✓	✓ ⁵⁾
Loam plaster, earth-moist					
Loam plaster, premixed					
Masonry mortar		✓	✓	✓	✓
Fire protection mortar					✓ ⁵⁾
Concrete restoration mortar					
Floor screed 35 l					
Floor screed 60 l					
Floor screed 85 l					
Floor screed 120 l					
Thin screed		✓		✓	✓ ⁵⁾
Floor fillers		✓		✓	✓ ⁵⁾
Building site mixture					
	✓	The equipment can be found in the respective chapter Do you have any questions about the equipment? Our Technical Hotline is happy to help you			
	✓				

Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.










red	red	grey/white	silver	blue	orange
B 4–2 mf soft	C 4–2	D 3–5 mf	D 5–2,5 mf	D 6–2 mf	D 6–3 mf soft
00 61 18 24	00 03 71 86	00 01 07 58	00 00 20 71	20 11 55 07	00 51 55 46
00 24 58 10	00 19 48 07	20 11 49 40	00 02 13 99	20 11 30 13	00 23 79 08
00 25 11 47	–	–	00 00 20 70	–	20 11 30 10
RITMO L plus SWING M	SWING M ³⁾ SWING L airless ⁴⁾	G 4 RITMO XL SWING L	G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL SWING L	G 4 RITMO XL SWING L
15	20	25	25	15	25
210 / 50	295 / 60	273 / 90	273 / 90	200 / 90	273 / 90
3	3	2	3	2	4
10 / 5	18 / 9	6 / 3	22 / 11	20 / 10	20 / 10
–	–	–	–	–	–
00 28 44 79	00 04 51 15	20 11 87 80	20 11 87 80	20 11 87 09	20 11 87 80
			✓		✓
	✓		✓		✓
✓	✓		✓		✓
✓	✓				
✓					
✓					✓
	✓				✓
	✓				
	✓				
		✓			
✓	✓				
✓	✓				
	✓ ³⁾	✓			
	✓ ³⁾	✓			
	✓ ⁴⁾				
✓					
	✓				
	✓				
	✓				
	✓				

PFT Rotor/Stator systems



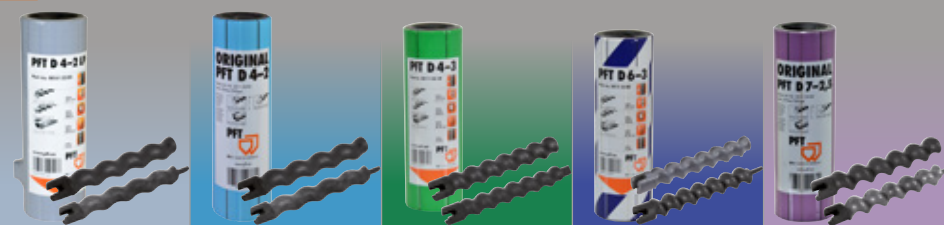
Colour code	orange	pink	purple	yellow	black
Description	D 6–3 mf	D 6–3 mf PIN	D 7–2.5 neXt generation	D 8–1.5 mf	D 8–2 mf PIN
Stator, Part. no.	20 11 55 10	20 11 55 12	00 63 45 84	20 11 64 10	00 63 45 82
Rotor without tang, Part no.	00 23 79 08	00 23 79 08	00 63 45 86	20 11 47 00	00 54 37 61
Rotor with tang, Part no.	20 11 30 10	20 11 30 10	00 63 45 87	20 11 47 20	00 60 81 53
Machine type	G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL SWING L	G 4 RITMO XL SWING L	G 4 RITMO XL SWING L
Technical data					
Operating pressure, bar	30	30	25	15	20
Stator – Length / Ø, mm	273 / 90	273 / 90	273 / 90	273 / 90	273 / 90
Max. grain size, mm	3	3	3	4	3
Output at 400/200 rpm / l/min	20 / 10	20 / 10	25 / 12	36 / 18	30 / 15
Clamp					
Clamp, Part no.	–	00 52 60 14	–	–	–
Tie rods, Part no.	20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80
Applications					
Gypsum / Gypsum-lime plaster	✓ ¹⁾	✓ ¹⁾	✓		✓
Light plaster	✓ ¹⁾	✓ ¹⁾	✓		✓
Lime-cement render < 3 mm	✓ ¹⁾	✓ ¹⁾	✓		✓
Insulating plaster				✓	
Lime-cement render > 3 mm					
Scratch coat			✓	✓	✓
Adhesive mortar	✓	✓			
Reinforcing mortar	✓	✓			
Grouting mortar	✓	✓			
Concrete primer					
Dispersion paint	✓	✓			
Finishing coats, mineral					
Finishing coats, pasty					
Fine filler, mineral					
Fine filler, pasty					
Loam plaster, dry	✓ ¹⁾	✓ ¹⁾	✓	✓	✓
Loam plaster, earth-moist			✓	✓	✓
Masonry mortar	✓	✓			
Fire protection mortar	✓ ¹⁾				
Concrete restoration mortar	✓ ¹⁾	✓ ¹⁾			
Floor screed 35 l					
Floor screed 60 l				✓	
Floor screed 85 l					
Floor screed 120 l					
Thin screed					
Floor fillers				✓	✓
Building site mixture				✓	
	✓	The equipment can be found in the respective chapter			
	✓	Do you have any questions about the equipment? Our Technical Hotline is happy to help you			
		Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.			

							Conveying unit
							G 4
							RITMO
ochre	orange	grey/white	pastel yellow	red	red	black	
R 7-3 S mf	T 10-1.5 mf	B 4-1.5 L clampable	B 4-2 L clampable	B 4-2 with clamp	C 4-2 with clamp	D 3-4 clampable	
00 04 28 45	20 11 66 00	00 45 16 51	00 28 01 83	00 25 12 84	00 20 79 86	20 11 61 00	BOLERO
20 11 48 21	20 11 49 70	00 06 91 86	00 28 01 81	00 24 58 10	00 19 48 07	20 11 49 30	
-	-	00 14 74 13	00 29 23 02	00 25 11 47	-	20 11 49 20	
ZP 3	ZP 3	RITMO M	RITMO L	RITMO L plus SWING M	SWING M	G 4 RITMO XL ¹⁾ SWING L ²⁾	
25	15	15*	20*	20	20*	30*	LOTUS HM
546 / 115	546 / 125	160 / 50	210 / 50	210 / 50	295 / 60	273 / 90	
7	8	3	3	3	4	2	
60 / 30	270 / 135	10 / 5	10 / 5	10 / 5	18 / 9	8 / 4	
-	-	00 44 65 38	00 44 28 88	-	-	00 52 60 14	MULTIMIX
20 11 89 10	20 11 89 10	00 13 07 79	00 28 44 79	00 28 44 79	00 04 51 15	20 11 87 80	
		✓	✓				SWING
		✓	✓	✓	✓		
		✓	✓	✓	✓		
		✓	✓				
				✓	✓		ZP 3
		✓	✓		✓		
		✓	✓		✓		
		✓	✓				
						✓	Rotor/Stator
		✓	✓	✓	✓	✓ ¹⁾	
		✓	✓	✓	✓	✓	
					✓		
		✓	✓		✓		
✓							
✓					✓		
		✓	✓		✓		
	✓						
	✓						
	✓						
	✓						
✓		✓	✓				
		✓	✓				


* Operating pressure dependent on the pre-stress

We are constantly working on expanding and optimising our product range. Our current product range can be found on www.pft.net

PFT Rotor/Stator systems



Colour code	grey aluminium	light blue	mint green	white/blue	purple
Description	D 4-2 LP clampable	D 4-2 clampable	D 4-3 clampable	D 6-3 clampable	D 7-2.5 clampable
Stator, Part. no.	00 51 33 82	20 11 52 00	20 11 53 10	20 11 55 00	00 59 74 44
Rotor without tang, Part no.	20 11 40 00	20 11 40 00	20 11 43 10	00 23 79 08	20 11 35 00
Rotor with tang, Part no.	20 11 42 10	20 11 42 10	20 11 43 20	20 11 30 10	20 11 35 10
Machine type	G 4 RITMO XL	G 4 RITMO XL ¹⁾ SWING L ²⁾ BOLERO ⁶⁾	G 4 RITMO XL SWING L	G 4 RITMO XL SWING L	G 4 RITMO XL SWING L
Technical data					
Operating pressure, bar	20*	20*	25*	30*	25*
Stator – Length / Ø, mm	273 / 90	273 / 90	273 / 90	273 / 90	273 / 90
Max. grain size, mm	4	4	4	4	4
Output at 400/200 rpm / l/min	20 / 10	20 / 10	14 / 7	20 / 10	24 / 12
Clamp					
Clamp, Part no.	00 52 60 14	00 52 60 14	00 52 60 14	00 52 60 14	00 52 60 14
Tie rods, Part no.	20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80	20 11 87 80
Applications					
Gypsum / Gypsum-lime plaster		✓		✓	
Light plaster		✓		✓	✓
Lime-cement render < 3 mm		✓			✓
Insulating plaster					✓
Lime-cement render > 3 mm			✓	✓	✓
Scratch coat				✓	✓
Adhesive mortar			✓		✓
Reinforcing mortar			✓	✓	
Grouting mortar		✓ ⁶⁾	✓		
Concrete primer					
Dispersion paint					
Finishing coats, mineral			✓		
Finishing coats, pasty			✓		
Fine filler, mineral					
Fine filler, pasty					
Loam plaster, dry				✓	
Loam plaster, earth-moist					
Masonry mortar					
Fire protection mortar		✓ ⁶⁾			
Concrete restoration mortar		✓ ⁶⁾		✓	
Floor screed 35 l				✓	
Floor screed 60 l					
Floor screed 85 l					
Floor screed 120 l					
Thin screed					
Floor fillers					
Building site mixture					
	✓	The equipment can be found in the respective chapter			
	✓	Do you have any questions about the equipment? Our Technical Hotline is happy to help you			
		Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.			

							Conveying unit
							G 4
							RITMO
yellow	ochre	brown	ochre	black	black	black	BOLERO
D 8-1.5 clampable	R 7-1.5 clampable	R 7-2.5 clampable	R 7-3 S clampable	R 8-1.5 clampable	R 8-2 clampable	R 8-3 clampable	LOTUS HM
20 11 64 00	20 11 62 00	20 11 63 50	20 11 63 01	20 11 62 20	20 11 63 80	20 11 63 10	MULTIMIX
20 11 47 00	20 11 48 00	20 11 48 51	20 11 48 21	20 11 48 40	20 11 48 90	20 11 48 30	
20 11 47 20	20 11 48 10	20 11 48 50	-	20 11 48 60	-	-	SWING
G 4 RITMO XL ¹⁾ SWING L ²⁾	G 4 RITMO XL ¹⁾ SWING L ²⁾ ZP	G 4 RITMO XL ¹⁾ SWING L ²⁾ ZP	ZP 3	G 4 RITMO XL ¹⁾ SWING L ²⁾ ZP	ZP 3	ZP 3	
15*	15*	25*	30*	15*	20*	30*	ZP 3
273 / 90	273 / 114	270 / 115	546 / 115	270 / 115	360 / 115	546 / 115	
4	7	7	7	8	8	8	Rotor/Stator
36 / 18	60 / 30	40 / 20	60 / 30	80 / 40	80 / 40	80 / 40	
00 52 60 14	20 11 78 00	20 11 78 00	20 11 79 00	20 11 78 00	20 11 78 10	20 11 79 00	
20 11 87 80	20 11 87 80	20 11 87 80	20 11 89 10	20 11 87 80	20 11 87 31	20 11 89 10	
			✓				
✓ ¹⁾		✓	✓				
✓ ¹⁾		✓	✓				
			✓				
✓		✓			✓	✓	
		✓					
		✓					
✓							
	✓ ¹⁾	✓ ¹⁾					
				✓ ¹⁾			
			✓		✓	✓	
			✓		✓	✓	

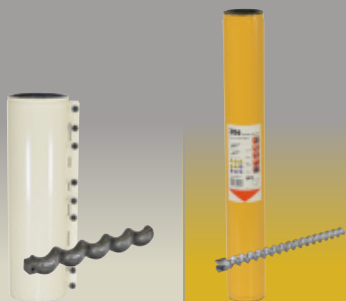
* Operating pressure dependent on the pre-stress

We are constantly working on expanding and optimising our product range.
Our current product range can be found on www.pft.net

PFT Rotor/Stator systems



Colour code	green	green	green	yellow	brick red
Description	R 9-1.5 clampable	R 9-2 clampable	RENDER STAR	2 L 6 clampable	2 L 6 triple plus with clamp
Stator, Part. no.	20 11 63 60	20 11 63 70	00 53 67 57	00 45 91 86	00 45 92 12
Rotor without tang, Part no.	20 11 48 70	20 11 48 80	00 53 67 58 * *	00 45 91 82 * *	00 45 92 08 * *
Rotor with tang, Part no.	–	–	–	00 45 92 08	–
Machine type	ZP 3	ZP 3	ZP 3	ZP 3	ZP 3
Technical data					
Operating pressure, bar	15*	20*	30*	25*	25*
Stator – Length / Ø, mm	360 / 115	546 / 115	534 / 101	534 / 101	534 / 101
Max. grain size, mm	8	8	6	6	6
Output at 400/200 rpm / l/min	145 / 70	145 / 70	100 / 50	68 / 34	120 / 60
Clamp					
Clamp, Part no.	20 11 78 10	20 11 79 00	–	00 46 99 43	–
Tie rods, Part no.	20 11 87 31	20 11 89 10	00 28 08 55	20 11 89 10	00 28 08 55
Applications					
Gypsum / Gypsum-lime plaster					
Light plaster					
Lime-cement render < 3 mm			✓	✓	✓
Insulating plaster					
Lime-cement render > 3 mm			✓	✓	✓
Scratch coat					
Adhesive mortar			✓	✓	✓
Reinforcing mortar					
Grouting mortar			✓	✓	✓
Concrete primer					
Dispersion paint					
Finishing coats, mineral					
Finishing coats, pasty					
Fine filler, mineral					
Fine filler, pasty					
Loam plaster, dry			✓	✓	✓
Loam plaster, earth-moist			✓	✓	✓
Masonry mortar	✓	✓	✓	✓	✓
Fire protection mortar			✓	✓	✓
Concrete restoration mortar			✓	✓	✓
Floor screed 35 l			✓	✓	✓
Floor screed 60 l					
Floor screed 85 l					
Floor screed 120 l	✓	✓			
Thin screed	✓	✓	✓	✓	✓
Floor fillers	✓	✓	✓	✓	✓
Building site mixture			✓	✓	✓
	✓	The equipment can be found in the respective chapter			
	✓	Do you have any questions about the equipment? Our Technical Hotline is happy to help you			
		Please note that additional accessories are necessary in some cases. More details can be found in the equipment sets for each machine.			



white	pastel yellow
2 L 8 with clamp	306 airless
00 47 87 98	00 44 99 47
00 47 88 01	00 44 99 67
–	–
ZP 3 XXL	SWING L airless
25*	140
655 / 191	530 / 70
10	0
560 / 280	10 / 5
–	–
00 10 37 81	00 45 09 97
	✓
	✓
	✓
✓	
✓	
✓	
✓	
✓	

PFT *praktive* tip



Types

There are different types of stators. On the one hand the maintenance-free stators that are immediately ready for use after installation in the machine. Then there are clampable stators, which are tensioned depending on the material and grain size; these are in turn divided into two groups.

Stators with an integrated clamp and slotted stators that use an external clamp. If the conveying pressure decreases, the stators must be tightened. This substantially extends the service life. Robust design and high functionality are a matter of course for us.



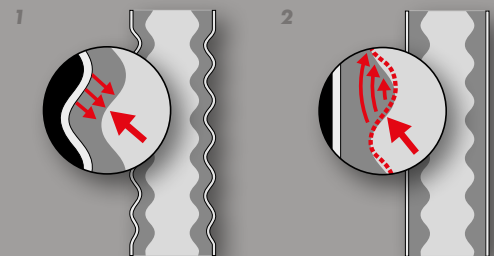
PFT TWISTER - perfect curves that make the right impression Pressure stability

TWISTER design (1)

Steel edges support the rubber and prevent deformation in case of pressure.

Cylindrical design (2)

Deformation in the rubber leads to higher wear and quickly impacts pressure stability = holding pressure in the chambers; reflux occurs in the stator.



Operating temperature

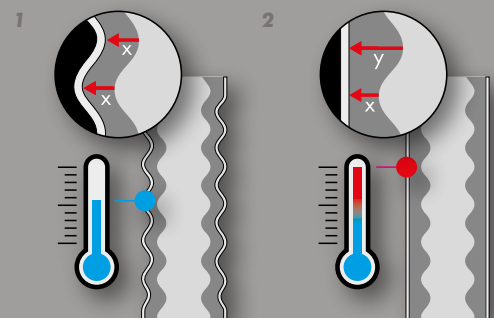
Friction causes heat and this has a negative impact on the rubber of the stator. Hence the importance of reducing the heat in the stator by using a suitable rubber compound and through fast heat dissipation.

TWISTER design (1)

A lower wall thickness and larger surface area dissipate the heat in the stator in an improved way.

Cylindrical design (2)

Irregular rubber thicknesses prevent fast heat dissipation.



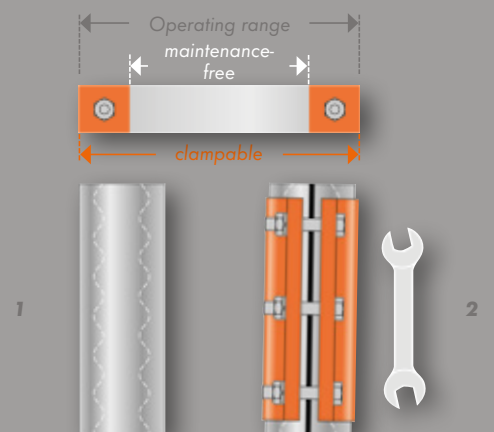
It works best under tension! Pre-stress and pump's operating range

Maintenance-free stator (1)

Maintenance-free stator "Ready-to-go" – pre-stressed for immediate use.

Clampable stator (2)

"Do-it-yourself" – the tension is adjusted using screws; retightening is possible to suit your needs. This means that this stator can be tuned by a professional to match the application or the material.



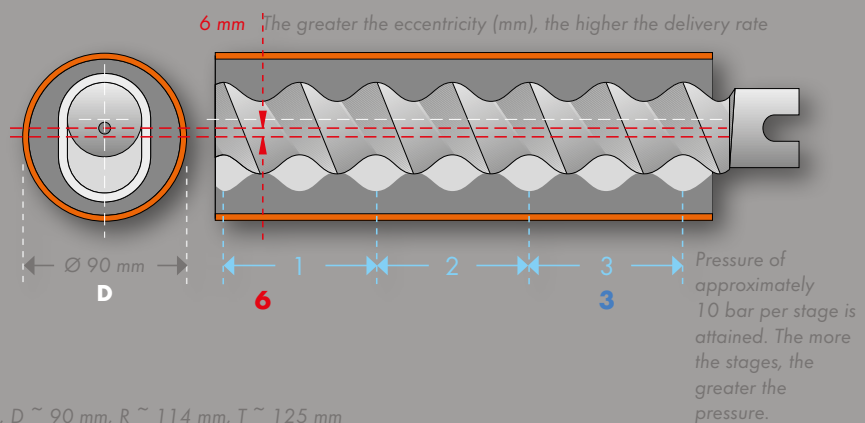
The heart of every PFT machine

Stator description in detail

PFT offers various stator sizes for virtually any application. Very few people are aware of how stator names are composed. Let's look at an example, **D 6-3**.

The letter **D** stands for the stator diameter.

The number **6** designates the eccentricity and the number **3** after the hyphen, the number of pressure stages.



Stator diameter: A ~ 40 mm, B ~ 51 mm, C ~ 59 mm, D ~ 90 mm, R ~ 114 mm, T ~ 125 mm
Stator abbreviations mf ~ maintenance-free, PIN ~ anti-rotation device, L ~ anticlockwise rotation

PFT **praktive tip**

PFT assembling spray

facilitates the assembly of the Rotor and Stator.

Part no. 00 58 88 21 (100 ml)
Part no. 00 58 88 20 (250 ml)



PFT **praktive tip**

Using this approach you can easily convert the pump capacity for your adjustable machine.

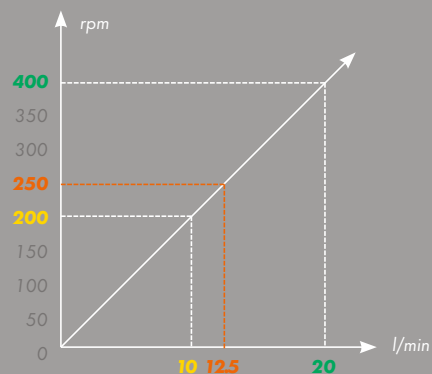
For example: What is the delivery output in litres per minute at 250 rpm for rotor/stator D 6-3

Example calculation:

$$20 \text{ l/min} = 400 \text{ rpm}$$


$$20 : 400 = 0.05$$

$$0.05 \times 250 = 12.5 \text{ l/min}$$




G 4 smart

Agitator

Part no.	Pump type	Agitator	Content	Description of outlet	
20 11 84 00	D-pump	ROTOQUIRL	4.2 l	DN35 l female part	
20 11 80 00	D-pump	ROTOMIX	1.2 l	DN35 l female part	
00 20 93 75	D-pump	ROTOMIX disc	1.2 l	DN35 l female part	

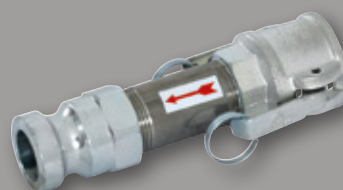
Mortar pressure gauge when using PFT Agitator

Part no.	Pump type	Description of outlet	
00 10 22 28	all	Mortar pressure gauge DN35 male part l DN35 female part	

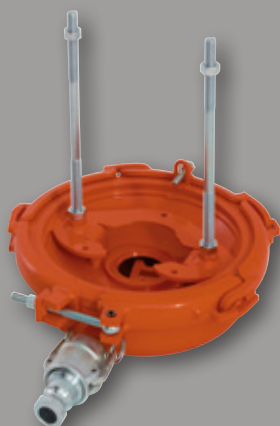
Agitator systems by PFT

PFT static agitator

Mounted between the pump outlet and the mortar hose, the PFT static mixer can be used to remove most lumps of material. Predominant application with floor filling compound.



Part no.	Description
00 10 21 21	Static mixer DN25 grout coupling
00 05 83 81	Static mixer DN35 grout coupling



PFT ROTOQUIRL

The large vessel volume of 4.2 l enables good mixing and increases the air pore content in the material.

The ROTOQUIRL is the agitator of choice for materials with many aggregates.



PFT ROTOMIX

The ROTOMIX is often used for higher throughput volumes.

e.g., in the floor filler area, floor screed



PFT ROTOMIX disc

The two rotating discs grind even very fine material components.

Thus, the very fine material can be blended without lumps.

e.g. Alphadur by Knauf

G 4, G 4 super, G 4 XL


Suction flange

Part no.	Pump type	Description connection	
00 19 52 41	D-pump	Rubber mixing zone – 200 mm hole spacing	
00 08 94 32	D-pump	Steel mixing zone with O ring – 200 mm hole spacing	
00 19 52 43	R-pump	Rubber mixing zone – 200 mm hole spacing	
20 10 42 17	R-pump	Steel mixing zone with O ring – 200 mm hole spacing	


Pressure flange

Part no.	Pump type	Description of outlet	
00 46 76 69	D-pump	1 1/4" internal thread – straight with PIN (rotatable)	
00 47 35 99	R-pump	1 1/4" internal thread – straight with PIN (rotatable)	

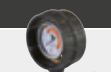
Pump outlet / Mortar pressure gauge

Part no.	Pump type	Description of outlet	
00 10 24 90	D-pump	DN25 male part 1 1/4" external thread	
00 16 00 03	D- and R-pump	DN35 female part 1 1/4" external thread	

Agitator

Part no.	Pump type	Agitator	Content	Description of outlet	
20 11 84 00	D-pump	ROTOQUIRL	4.2 l	DN35 female part	
20 11 84 07	R-pump	Cover ROTOQUIRL <i>20 11 84 00 ROTOQUIRL is required for connecting to R-pump</i>			
20 11 80 00	D-pump	ROTOMIX	1.2 l	DN35 female part	
20 11 81 43	R-Pumpe	Cover ROTOMIX <i>20 11 80 00 ROTOMIX is required for connecting to R-pump</i>			
00 20 93 75	D-pump	ROTOMIX disc	1.2 l	DN35 female part	
20 11 80 50	R-pump	ROTOMIX	1.2 l	DN35 female part	

Mortar pressure gauge when using PFT Agitator


Part no.	Pump type	Description of outlet	
00 10 22 28	all	Mortar pressure gauge DN35 male part DN35 female part	

RITMO M, RITMO L, RITMO L plus

Suction flange

Part no.	Pump type	Description connection	
00 08 75 91	A-pump	Rubber mixing zone RITMO M/L	
00 10 34 08	B-pump	Rubber mixing zone RITMO M/L	
00 61 30 22	B-pump	Rubber mixing zone RITMO L plus	


Pressure flange

Part no.	Pump type	Description of outlet	
00 05 65 76	A-pump	1/2" internal thread — straight	
00 12 81 80	B-pump	DN25 male part 1" external thread	


Pump outlet / Mortar pressure gauge

Part no.	Pump type	Description of outlet	
00 09 90 88	A- and B-pump	1/2"	
00 15 61 06	B-pump	DN25 male part 1" external thread	

Agitator

Part no.	Pump type	Agitator	Content	Description of outlet	
00 25 11 39	B-pump	ROTOMIX	0.25 l	DN25 male part	

Mortar pressure gauge when using PFT Agitator


Part no.	Pump type	Description of outlet	
00 10 22 32	all	Mortar pressure gauge DN25 male part DN25 female part	

RITMO XL


Suction flange

Part no.	Pump type	Description connection	
00 19 52 41	D-pump	Rubber mixing zone – 200 mm hole spacing	
00 19 52 43	R-pump	Rubber mixing zone – 200 mm hole spacing	


Pressure flange

Part no.	Pump type	Description of outlet	 
00 43 25 55	D-pump	1 1/4" internal thread – straight with PIN (rotatable)	
00 19 60 45	R-pump	1 1/4" internal thread – straight with PIN (rotatable)	


Pump outlet / Mortar pressure gauge

Part no.	Pump type	Description of outlet	
00 10 24 90	D-pump	DN25 male part 1 1/4" external thread	
00 16 00 03	D- and R-pump	DN35 female part 1 1/4" external thread	

Agitator

Part no.	Pump type	Agitator	Content	Description of outlet	
20 11 84 00	D-pump	ROTOQUIRL	4.2 l	DN35 female part	
20 11 84 07	R-pump	Cover ROTOQUIRL <i>20 11 84 00 ROTOQUIRL is required for connecting to R-pump</i>			
20 11 80 00	D-pump	ROTOMIX	1.2 l	DN35 female part	
20 11 81 43	R-pump	Cover ROTOMIX <i>20 11 80 00 ROTOMIX is required for connecting to R-pump</i>			
00 20 93 75	D-pump	ROTOMIX disc	1.2 l	DN35 female part	
20 11 80 50	R-pump	ROTOMIX	1.2 l	DN35 female part	

Mortar pressure gauge when using PFT Agitator


Part no.	Pump type	Description of outlet	
00 47 53 21	all	DN35 female part with bend	

BOLERO

Pressure flange


Part no.	Pump type	Description of outlet	 
00 46 76 69	D-pump	1 1/4" internal thread – straight with PIN (rotatable)	

Pump outlet / Mortar pressure gauge

Part no.	Pump type	Description of outlet	
00 10 22 28	all	Mortar pressure gauge DN35 male part DN35 female part	

SWING M


Suction flange

Part no.	Pump type	
00 15 89 89	B-pump	
00 15 89 92	C-pump	

Pressure flange

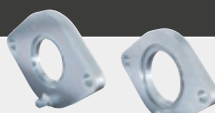
Part no.	Pump type	Description of outlet	
00 69 96 73	B-pump	1 1/4"	
00 69 96 72	C-pump	1 1/4"	

Pump outlet / Coupling / Mortar pressure gauge


Part no.	Pump type	Description	
20 19 93 01	B- and C-pump	Coupling 25 male part 1 1/4" internal thread	
00 10 22 27	B- and C-pump	Mortar pressure gauge DN25 female part DN25 male part	

SWING L


Suction flange

Part no.	Pump type	Description	
00 08 94 32	D-pump	Steel mixing zone with O-ring – 200 mm hole spacing	
20 10 42 17	R-pump	Steel mixing zone with O-ring – 200 mm hole spacing	

Pressure flange


Part no.	Pump type	Description	
00 17 83 45	D-pump	1 1/4" external thread – straight	
00 20 59 61	R-pump	1 1/4" external thread – straight	

Pump outlet / Coupling / Mortar pressure gauge

Part no.	Pump type	Description	
20 20 07 90	D- and R-pump	Coupling 35 female part 1 1/4" internal thread	
00 10 22 28	D- and R-pump	Mortar pressure gauge DN35 male part DN35 female part	

ZP 3 M


Suction flange

Part no.	Pump type	Description	
00 28 05 18	L-pump	Adapter from R- to L-pump	

Pressure flange


Part no.	Pump type	Description	
00 28 05 24	L-pump	1 1/4" internal thread – straight	

Pump outlet / Coupling

Part no.	Pump type	Description	
00 16 00 03	L-pump	Mortar pressure gauge DN35 female part 1 1/4" external thread	

ZP 3 L


Suction flange

Part no.	Pump type	Description	
00 28 05 18	L-pump	Adapter from R- to L-pump	

Pressure flange


Part no.	Pump type	Description	
00 40 66 03	L-pump	2" internal thread – straight	
00 04 58 30	R-pump	2" external thread – straight	

Pump outlet / Coupling / Mortar pressure gauge

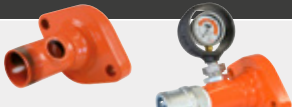
Part no.	Pump type	Description	
20 20 07 80	L- and R-pump	Coupling 50 female part 2" internal thread	
00 09 90 89	R- and T-pump	Pressure gauge 1"	
00 10 22 29	L- and R-pump	Mortar pressure gauge DN50 female part 2" internal thread	

ZP 3 XL


Suction flange

Part no.	Pump type	Description	
20 12 09 12	R-pump	with O ring – 155 mm hole spacing	
00 16 23 66	T-pump	with O ring – 155 mm hole spacing	

Pressure flange


Part no.	Pump type	Description	
00 04 58 30	R-pump	2" external thread – straight	
00 10 21 15	T-pump	2" external thread – straight with pressure gauge	

Pump outlet / Coupling / Mortar pressure gauge


Part no.	Pump type	Description	
20 20 07 80	L- and R-pump	Coupling 50 female part 2" internal thread	
00 09 90 89	R- and T-pump	Pressure gauge 1"	
00 10 22 29	L- and R-pump	Mortar pressure gauge DN50 female part 2" internal thread	

ZP 3 XXL


Suction flange

Part no.	Pump type		
00 10 36 67	2 L 8-pump		

Pressure flange

Part no.	Pump type	Description	
00 15 21 85	2 L 8-pump	DN65 male part (max. 14 mm grain size)	
00 28 43 20	2 L 8-pump	DN65 male part (max. 10 mm grain size)	

Pump outlet / Coupling

Part no.	Pump type	Description	
00 09 85 25	2 L 8-pump	Pressure gauge DN50 male part	
00 09 62 55	2 L 8-pump	Coupling 65 male part 2 1/2" internal thread	



ACCESSORIES

MINICUT

External vibrator

Water pumps

Air compressors

Nozzles/Spray nozzles

Multi-function spray

Consistency checking tube

Spraying gun/Glue gun

DUSTCATCHER

Extension hopper

Bag squeezer

Injection hood

Delivery hood

RONDO Material hose

Purging hose

High pressure hose

Water hose/air hose

Air hose

Fabric (PVC) and Rubber conveying hose

Sponge balls

Remote control

Extension cable

Twin adapter

Pressure tester

Pressure gauge

Water flow meter

Mixing shaft

Hauling bracket

Conveying unit

G 4

RITMO

BOLERO

LOTUS | HM

MULTIMIX

SWING

ZP 3

Rotor/Stator

Accessories

CUTMASTERseries MINICUT 140



Part no.	Description
----------	-------------

00 02 02 90	MINICUT 140 230 V, 1 Ph, 50 Hz, 0.1 kW
-------------	--



00 02 06 57	MINICUT 140 230 V, 1 Ph, 50 Hz, 0.1 kW including carrying case
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The practical hand trimmer is the perfect complement to the large PFT CUTMASTER.

Basic equipment

- Power connection: 230 V, 50 Hz
- Power consumption: 110 W
- Intermittent operation: 12 s on/48 s off
- Cutting temperature: max. 500° C
- Cutting device including approx. 3 m power cable
- Cutting depth: 140 mm

Areas of application:

The powerful professional tool for builders, industry and design. For board thicknesses up to 140 mm.



MINICUT 140



MINICUT 140
with transport case

Extended scope of delivery

- Transport case
Note: Only included with Part no. 00 02 06 57

Extras

00 02 04 10	Cutting edge flat for MINICUT 140
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CUTMASTERseries MINICUT 230



Part no. Description

00 23 12 84

MINICUT 230

230 V, 1 Ph, 50 Hz, 0.1 kW
including transport case



The practical hand trimmer is the perfect complement to the large PFT CUTMASTER.

Basic equipment

- Power connection: 230 V, 50 Hz
- Power consumption: 230 W
- Intermittent operation: 12 s on / 48 s off
- Continuous temperature control
- Cutting temperature: max. 500° C
- Cutting device including approx. 3 m power cable
- Cutting depth: 230 mm



MINICUT 230
with transport case

Areas of application:

The powerful professional tool for builders, industry and design. For board thicknesses up to 230 mm.

Extended scope of delivery

- Transport case

Extras

00 28 55 29

Profile cut adapter MINICUT with cutting tape – 0.35 m

With the PFT profile cut adapter for the hand trimmer PFT MINICUT 230 mm, you can easily cut customised cut-outs over the entire length of an EIFS panel. Depth and width of the cut-out, for example for conduits are freely selectable via the flexible cutting band. Even individual shapes, such as arches, rafter cuts, etc. are possible with the robust cutting band.

00 28 55 27

Cutting edge tape for profile cut adapter – 1 m

00 28 45 20

Cutting edge flat for MINICUT 230

00 23 80 46


Cutting edge round for MINICUT 230

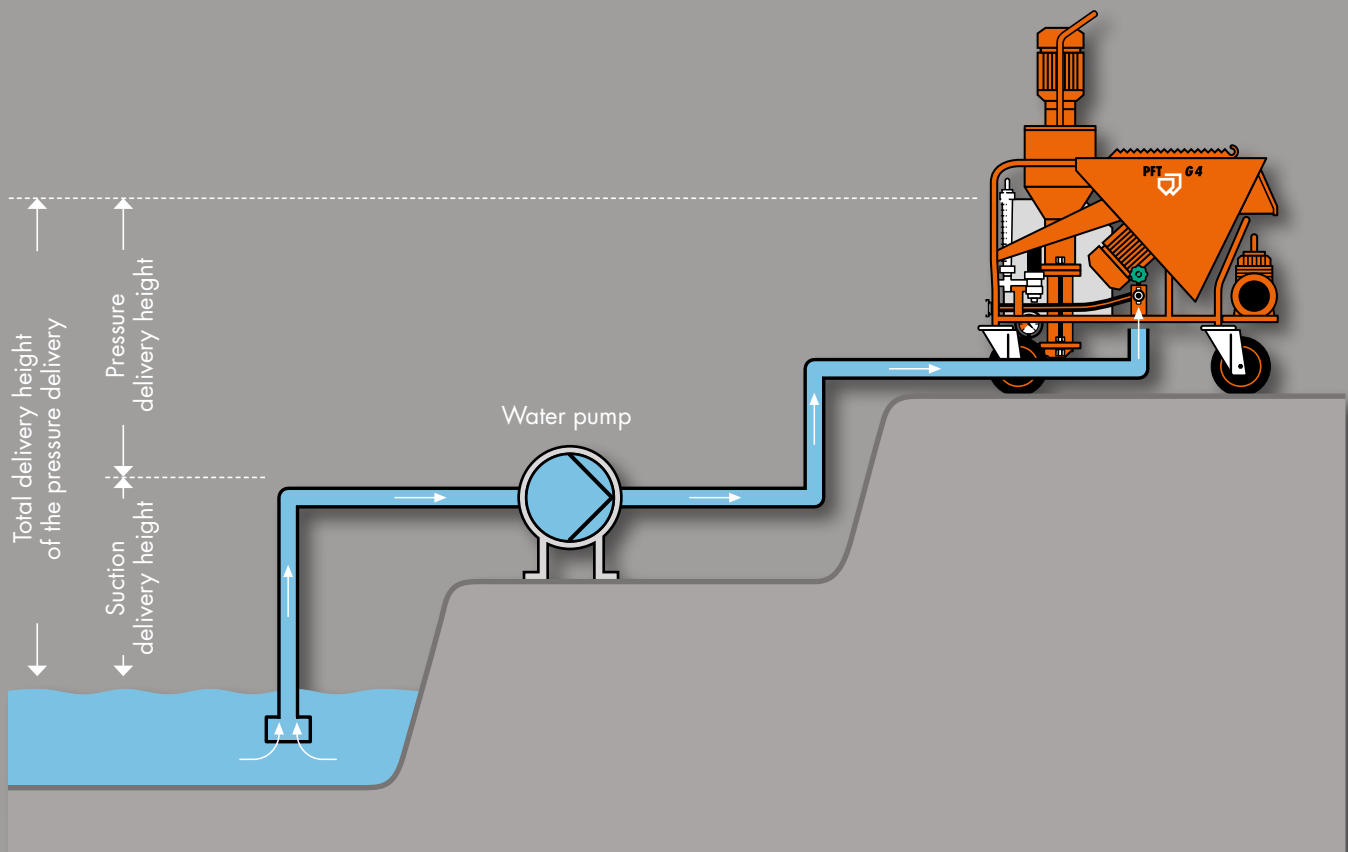


External vibrator

Part no.	Description	suitable for
00 12 86 06	A10-2.67 – 8 m <ul style="list-style-type: none"> • 400 V, 3 Ph, 50 Hz, 0.14 kW • Including connecting cable RED 4-16 A – 8m • Vibratory force 2.67 kN • Total weight 8.5 kg <p><i>Note: Vibrator for mounting on the silo; connected to and controlled by the PFT machines. Distance between machine and silo, max. 3 m</i></p>	Material silos when using <ul style="list-style-type: none"> • SILOMAT systems • Continuous mixers and • Mixing pumps 
00 22 67 38	AM3-0.44 – 1.2 m <ul style="list-style-type: none"> • 230 V, 1 Ph, 50 Hz, 0.13 kW • Including connecting cable BLU 2-16 A – 1.2 m • Vibratory force 0.44 kN • Total weight 0.92 kg 	<ul style="list-style-type: none"> • Material hopper RITMO L • Material hopper RITMO L plus 
00 40 21 53	AM3-0.44 – 2 m <ul style="list-style-type: none"> • 400 V, 3 Ph, 50 Hz, 0.5 kW • Including connecting cable RED 4-16 A – 2 m • Vibratory force 0.44 kN • Total weight 2 kg 	PFT MINITAINER and material silos when using <ul style="list-style-type: none"> • SILOMAT systems • Continuous mixers and • Mixing pumps 
00 12 85 98	A12-1.9 – 3 m <ul style="list-style-type: none"> • 230 V, 1 Ph, 50 Hz, 0.14 kW • Including connecting cable BLU 2-16 A – 3 m • Vibratory force 1.9 kN • Total weight 6.8 kg <p><i>Note: Vibrator for mounting on the silo; connected to and controlled by the PFT machines. Distance between machine and silo, max. 3 m</i></p>	<ul style="list-style-type: none"> • Extension hopper ZP 3 XL • Extension hopper ZP 3 XXL • Vibrating screen ZP 3 L 

Accessories for water pump

Part no.	Description	suitable for
00 13 66 19	Water hose Geka Geka – 2 m including suction strainer with filter screen	<ul style="list-style-type: none"> • AV 1000 • AV 1000 standalone 



Water pump basics

Suction delivery height = Suction height

Describes the maximum bridgeable height difference between the water surface or water source and the pump. For physical reasons it is limited to 8 m.

Total delivery height

Describes the possible delivery height from the water source to the highest point of the pipe and is calculated by reference to the pressure delivery height and the suction delivery height.

Delivery rate = Capacity

Describes the maximum quantity of water that can be delivered if the pump is positioned at the same level as the water source. Delivery rate and total

delivery height are directly related and are the most important criteria in selecting the appropriate water pump. In addition, friction losses in the pipe system have a further influence on the delivery rate.

Line pressure = Primary pressure

Describes the water pressure in the pipe system. This is very different and highly variable worldwide. In Germany the line pressure is approx. 3 bar.

Rule of thumb:










1 m water column ~ 0.1 bar. This means that at 3 bar, a total delivery height of 30 m is achieved. However, friction losses reduce this value.

Difference between suction pumps and pressure booster pumps

Pressure booster pumps are used to bridge long distances on construction sites, or to keep the line pressure above 2.5 bar at the machine.

A suction pump is used to pump water directly out of a barrel. This is mainly used in areas with a poor water supply.

A general rule: The closer the water pump is to the water source, the longer the possible transport distance is.

Description	AV 1000 standalone 230 V, 1 Ph, 50 Hz	AV 1000 400 V, 3 Ph, 50 Hz	AV 1000 230 V, 1 Ph, 50 Hz
Part no.	00 49 36 86	00 49 26 79	00 49 73 68
			
Application focus	Suction pump	Suction pump	Suction pump
Strengths and benefits	<ul style="list-style-type: none"> • Stainless steel design • Pressure switch-off • Flow meter • Dry run protection 	<ul style="list-style-type: none"> • Stainless steel design 	<ul style="list-style-type: none"> • Stainless steel design
Basic equipment			
Connection value	230 V, 1 Ph, 50 Hz, 0.6 kW 	400 V, 3 Ph, 50 Hz, 0.6 kW 	230 V, 1 Ph, 50 Hz, 0.6 kW 
Drive motor	0.6 kW	0.6 kW	0.6 kW
Pedestal	included	included	included
Water connection	Geka DN25 (1")	Geka DN25 (1")	Geka DN25 (1")
Operation and control	Start/Stop automatically regulated via integrated pressure control	Start/Stop automatically regulated via machine control	Start/Stop automatically regulated via machine control
suitable for			
Retrofitting kit			
standalone			
Performance data			
Conveying pressure max.	5.5 bar	5.5 bar	5.5 bar
Delivery rate max.	3,000 l/h	3,000 l/h	3,000 l/h
Suction delivery height max.	7 m	7 m	7 m
Total delivery height max.	49 m	49 m	49 m

PFT *praktive* tip



Suction strainer with filter screen

















- Suction from water tanks
- Coarse impurities are collected in the sieve



AV 1000 400 V, 3 Ph, 50 Hz	AVP 500 400 V, 3 Ph, 50 Hz	AVO 500 400 V, 3 Ph, 50 Hz
00 49 34 81	00 12 82 97	00 25 73 78
		
Suction pump	Pressure booster pump	Pressure booster pump
<ul style="list-style-type: none"> Stainless steel design 	<ul style="list-style-type: none"> Reduced weight 	<ul style="list-style-type: none"> Reduced weight
400 V, 3 Ph, 50 Hz, 0.6 kW 	400 V, 3 Ph, 50 Hz, 0.37 kW 	400 V, 3 Ph, 50 Hz, 0.37 kW 
0.6 kW	0.37 kW	0.37 kW
included	not included	not included
Geka DN25 (1")	Geka DN25 (1")	Geka DN25 (1")
Start/Stop automatically regulated via machine control	Start/Stop automatically regulated via machine control	Start/Stop automatically regulated via machine control
		
5.5 bar	4.0 bar	3.5 bar
3,000 l/h	2,100 l/h	2,100 l/h
7 m	5 m	5 m
49 m	42 m	33 m

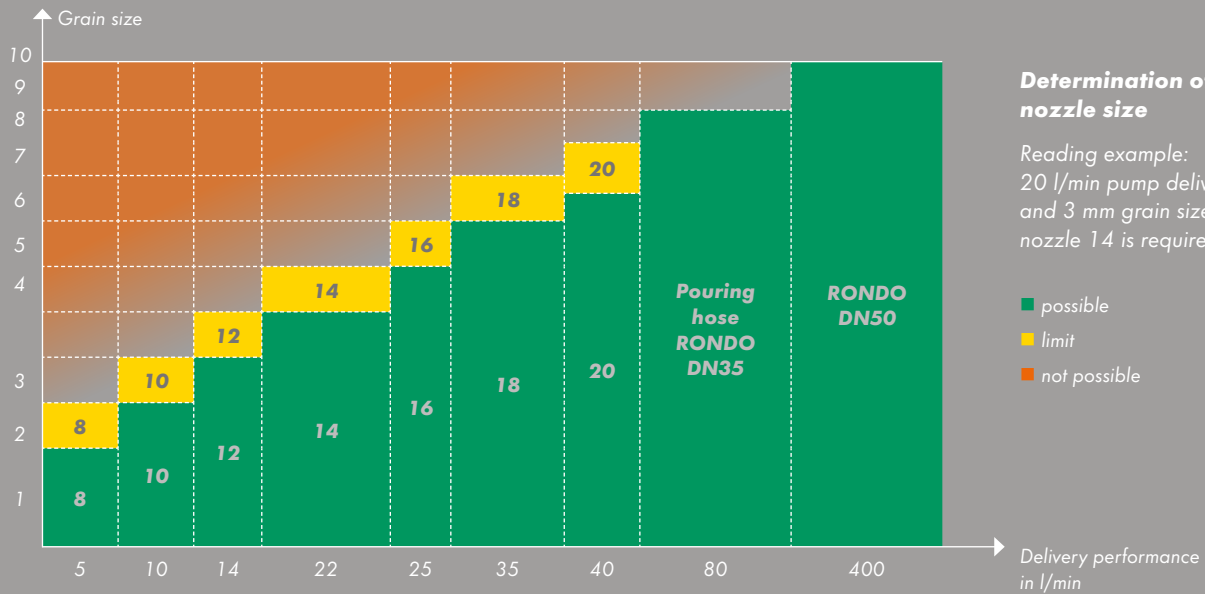
Description	AVO 500 230 V, 1 Ph, 50 Hz	AVO 500 400 V, 3 Ph, 50 Hz
Part no.	00 28 78 46	00 11 13 19
		
Application focus	Pressure booster pump	Pressure booster pump
Strengths and benefits	<ul style="list-style-type: none"> • Reduced weight • Powerful operation via standard power socket 	<ul style="list-style-type: none"> • Reduced weight
Basic equipment		
Connection value	230 V, 1 Ph, 50 Hz, 0.37 kW 	400 V, 3 Ph, 50 Hz, 0.37 kW 
Drive motor	0.37 kW	0.37 kW
Pedestal	not included	not included
Water connection	Geka DN25 (1")	Geka DN25 (1")
Operation and control	Start/Stop automatically regulated via machine control	Start/Stop automatically regulated via machine control
suitable for		
Retrofitting kit		
standalone		
Performance data		
Conveying pressure max.	4.0 bar	3.5 bar
Delivery rate max.	2,100 l/h	2,100 l/h
Suction delivery height max.	5 m	5 m
Total delivery height max.	38 m	33 m

Description	COMP P-600 400 V, 3 Ph, 50 Hz	COMP P-400 230 V, 1 Ph, 50 Hz
Part no.	00 20 64 04	00 23 31 74
		
Type	Piston compressor	Piston compressor
Strengths and benefits	<ul style="list-style-type: none"> • High air output • Two oil-free compressed air connections • Reliable motor protection • Condensate drain tap • Robust wheels for excellent manoeuvrability • Complete manifold unit with filter pressure reducer 	<ul style="list-style-type: none"> • High air output • Two oil-free compressed air connections • Reliable motor protection • Condensate drain tap • Robust wheels for excellent manoeuvrability • Complete manifold unit with filter pressure reducer
Basic equipment		
Connection value	400 V, 3 Ph, 50 Hz, 4 kW 	230 V, 1 Ph, 50 Hz, 2.2 kW 
Drive motor	4 kW, 1,420 rpm	2.2 kW, 2,850 rpm
Pedestal	included	included
Connection cable	2 m	2 m
Hopper content	20 litres	18 litres
Operation and control	On/Off switch including electric pressure switch-off	On/Off switch including electric pressure switch-off
Dimensions		
Length/Width/Height	800/650/760 mm	610/610/560 mm
Total weight	77 kg	45 kg
suitable for		
standalone		
G 4		
RITMO M / RITMO L		
RITMO XL		
SWING L		
ZP 3 XL		
Performance data		
Suction performance	590 m³/h	400 m³/h
Operating pressure max.	10 bar	10 bar

Description	COMP M-250-X0 handy 400 V, 3 Ph, 50 Hz	COMP M-250-V5 handy 400 V, 3 Ph, 50 Hz	COMP M-250-V5 handy 400 V, 3 Ph, 50 Hz
Part no.	00 41 48 66	00 41 43 37	20 13 00 17
			
Type	Membrane compressor	Membrane compressor	Membrane compressor
Strengths and benefits	<ul style="list-style-type: none"> • Oil-free compressed air • Installation in machines and free-standing use • Extremely robust design • Easy to maintain • Compact and handy 	<ul style="list-style-type: none"> • Oil-free compressed air • Installation in machines and free-standing use • Extremely robust design • Easy to maintain • Compact and handy 	<ul style="list-style-type: none"> • Oil-free compressed air • Installation in machines and free-standing use • Extremely robust design • Easy to maintain • Compact and handy
Basic equipment			
Connection value	400 V, 3 Ph, 50 Hz, 0.9 kW 	400 V, 3 Ph, 50 Hz, 0.9 kW 	400 V, 3 Ph, 50 Hz, 0.9 kW 
Drive motor	0.9 kW, 1,430 rpm	0.9 kW, 1,430 rpm	0.9 kW, 1,430 rpm
Pedestal	not included	not included	not included
Connection cable	1 m	1.3 m	1.3 m
Hopper content	–	–	–
Operation and control	On/Off switch including electric pressure switch-off	On/Off switch including electric pressure switch-off	On/Off switch including electric pressure switch-off
Dimensions			
Length/Width/Height	490/220/355 mm	490/220/355 mm	490/220/355 mm
Total weight	23 kg	23 kg	23 kg
suitable for			
standalone			
G 4			
G 4 (with frame 3/4")			
RITMO M / RITMO L			
RITMO XL			
SWING L			
ZP 3 M			
ZP 3 L			
ZP 3 XL			
Performance data			
Suction performance	250 l/min	250 l/min	250 l/min
Operating pressure max.	4 bar	4 bar	4 bar

COMP R-160 230 V, 1 Ph, 50 Hz	COMP R-80 230 V, 1 Ph, 50 Hz	COMP P-200 400 V, 3 Ph, 50 Hz	COMP P-200 230 V, 1 Ph, 50 Hz
00 04 77 22	00 07 88 17	00 68 09 23	00 19 62 21
			
Rotary compressor	Rotary compressor	Piston compressor	Piston compressor
<ul style="list-style-type: none"> • Oil-free • Air-cooled • Compact design 	<ul style="list-style-type: none"> • Oil-free • Air-cooled • Compact design 	<ul style="list-style-type: none"> • Light weight of 14 kg • No reduction in the quantity of air • Oil-free capacitor motor, including thermal protection • Anodised aluminium housing • Illuminated on/off switch 	<ul style="list-style-type: none"> • Oil-free capacitor motor, including thermal protection • Anodised aluminium housing • Illuminated on/off switch
230 V, 1 Ph, 50 Hz, 0.9 kW 	230 V, 1 Ph, 50 Hz, 0.35 kW 	400 V, 3 Ph, 50 Hz, 0.55 kW 	230 V, 1 Ph, 50 Hz, 0.52 kW 
0.9 kW, 1,430 rpm	0.35 kW, 2,700 rpm	0.55 kW, 1,425 rpm	0.52 kW, 1,400 rpm
not included	not included	not included	not included
1 m	0.5 m	1.5 m	1.8 m
–	–	–	–
–	On/Off switch including electric pressure switch-off	On/Off switch including electric pressure switch-off	On/Off switch including electric pressure switch-off
410/235/340 mm	251/111/143 mm	415/194/344 mm	415/194/344 mm
27 kg	11 kg	14 kg	14 kg
		○	Models with 230 V, 1 Ph
		○	
	○		
			○
			○
160 l/min	80 l/min	200 l/min	200 l/min
1.5 bar	1.8 bar	3.8 bar	4 bar

Spray nozzles

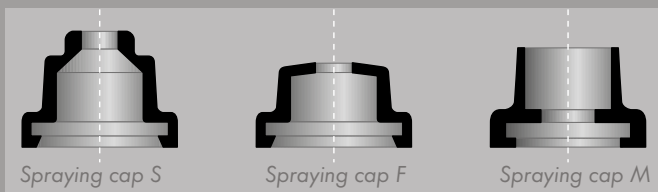


Spray nozzles for PFT spraying guns

The choice of the spray nozzle depends on two factors:
Grain size of the material, required pump delivery rate

Rule of thumb for grain size:

Specified grain size x 3 = less than the nozzle
e.g. 3 mm x 3 = 9 => min. nozzle size 10 is required



Spray nozzles identification key

Spraying cap CONICAL S – Ø 16 mm	Spraying cap S16
Spraying cap FLAT – Ø 16 mm	Spraying cap F16
Spraying cap MORTAR – Ø 20 mm	Spraying cap M20

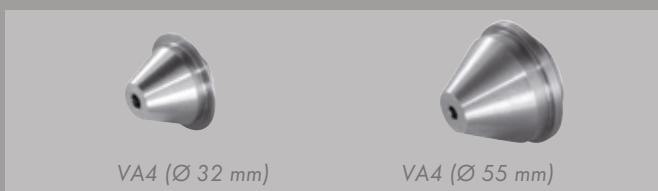
Spray nozzles for PFT spraying guns

Our spray nozzles are made of high-quality stainless steel for all spraying guns of the **type powercoat** and finishing coat.

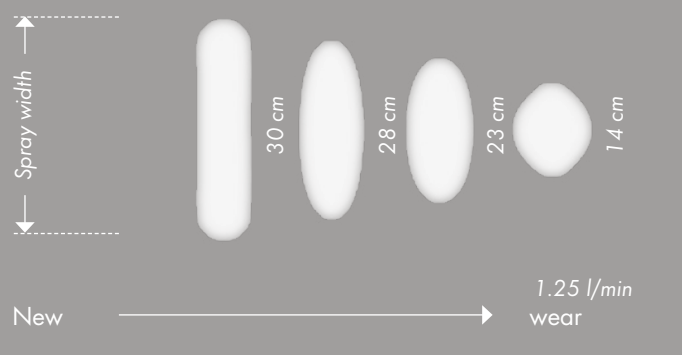
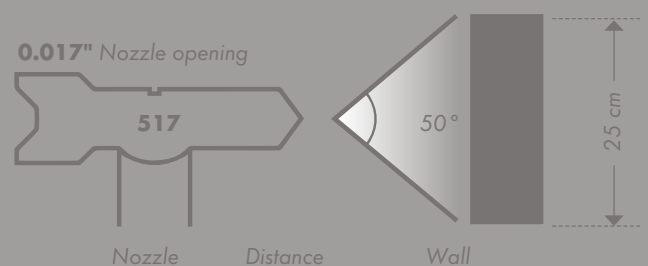
- Ø 32 mm
- Durable
- Easy cleaning
- High-quality

Similarly, our nozzles for all spraying guns of the **concrete primer and decorative plaster** type are made of high-quality stainless steel.

- Ø 55 mm
- Durable
- Easy cleaning
- High-quality



Spray nozzles for PFT spraying gun airless



Spraying caps for spraying guns

Part no. Description

Spraying cap F

20 19 07 00	Spraying cap F10	p.u. = 10 pcs
20 19 08 00	Spraying cap F12	p.u. = 10 pcs
20 19 09 00	Spraying cap F14	p.u. = 10 pcs



Spraying cap F



Spraying cap S

Easy adjustment of the spray pattern
Stable – low vibration

00 20 67 97	Spraying cap S8	p.u. = 10 pcs
00 06 32 90	Spraying cap S10	p.u. = 10 pcs
00 06 23 82	Spraying cap S12	p.u. = 10 pcs
00 06 23 83	Spraying cap S14	p.u. = 10 pcs
00 20 19 50	Spraying cap S16	p.u. = 10 pcs
00 20 19 51	Spraying cap S18	p.u. = 10 pcs



Spraying cap S



Spraying cap M20

Spraying cap M

For applying grout with a spraying gun DN35

20 19 66 00	Spraying cap M20	p.u. = 10 pcs
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Spray nozzles for spraying guns

Type powercoat and finishing coat type

00 00 85 97	Spray nozzle VA4 (Ø 32 mm)
00 00 85 92	Spray nozzle VA6 (Ø 32 mm)
00 00 85 95	Spray nozzle VA8 (Ø 32 mm)
00 00 85 94	Spray nozzle VA10 (Ø 32 mm)



Spray nozzle Ø 32 mm

Type concrete prime and decorative plaster

00 00 85 93	Spray nozzle VA4 (Ø 55 mm)
00 00 85 92	Spray nozzle VA6 (Ø 55 mm)
00 00 85 91	Spray nozzle VA8 (Ø 55 mm)
00 00 85 90	Spray nozzle VA10 (Ø 55 mm)
00 00 85 89	Spray nozzle VA12 (Ø 55 mm)



Spray nozzle Ø 55 mm



Spray nozzle

Type "Reprofilier" spraying gun

20 19 63 10	Spray nozzle R12
20 19 64 10	Spray nozzle R15

Spray nozzles for spraying guns airless RAC X design

Part no. Description

		Spray pattern width for 30 cm wall clearance	Nozzle opening	Performance
00 16 11 56	Ball cap 310	3 x 5 = 15 cm	0.010"= 0.254 mm	0.5 l/min
00 16 11 58	Ball cap 312	3 x 5 = 15 cm	0.012"= 0.3048 mm	0.7 l/min
00 12 96 99	Ball cap 317	3 x 5 = 15 cm	0.017"= 0.43 mm	1.2 l/min
00 16 11 55	Ball cap 410	4 x 5 = 20 cm	0.010"= 0.254 mm	0.5 l/min
00 16 11 59	Ball cap 517	5 x 5 = 25 cm	0.017"= 0.43 mm	1.2 l/min
00 16 11 60	Ball cap 521	5 x 5 = 25 cm	0.021"= 0.533 mm	1.8 l/min
00 09 61 34	Ball cap 531	5 x 5 = 25 cm	0.031"= 0.787 mm	3.9 l/min
00 09 61 33	Ball cap 535	5 x 5 = 25 cm	0.035"= 0.889 mm	5.0 l/min
00 49 56 89	Ball cap 539	5 x 5 = 25 cm	0.039"= 0.9906 mm	6.2 l/min
00 49 56 90	Ball cap 541	5 x 5 = 25 cm	0.041"= 1.0414 mm	6.8 l/min
00 49 56 91	Ball cap 545	5 x 5 = 25 cm	0.045"= 1.143 mm	8.2 l/min
00 49 56 92	Ball cap 645	6 x 5 = 30 cm	0.045"= 1.143 mm	8.2 l/min
00 12 96 87	Ball cap 1229	12 x 5 = 60 cm	0.029"= 0.74 mm	3.4 l/min



Ball cap 317



Ball cap 1229

Spray nozzles for cleaning

20 21 56 00	Spray nozzle 1/2" with sleeve
20 21 56 10	Spray nozzle 3/4" with sleeve
20 21 57 00	Spray nozzle DN19 (3/4") Geka



Spray nozzle DN19 Geka

Multi-function spray

00 51 72 34	Multi-function spray
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PFT **praktive** tip

Multi-function spray with a variety of possible applications

- Cleaning tool
- Moistening of wall and plaster surface



Multi-function spray

Consistency checking tube

20 10 43 01	Consistency checking tube 25 female part
20 10 43 10	Consistency checking tube 35 male part
00 09 90 57	Consistency checking tube 13 male part



Consistency checking tube
25 female part



Consistency checking tube
13 male part



Spraying guns

The perfect solution for all applications in the plaster area

PFT spraying guns allow the grout mixed in the machine to be sprayed efficiently and uniformly. Opening and closing the air tap on the spraying gun switches the machine on and off.

For processing wall surfaces, we recommend a short spraying gun with a straight spray head. A spraying gun with a longer design and an offset head is useful for ceiling surfaces. To cope with longer hose lengths, the rotating coupling

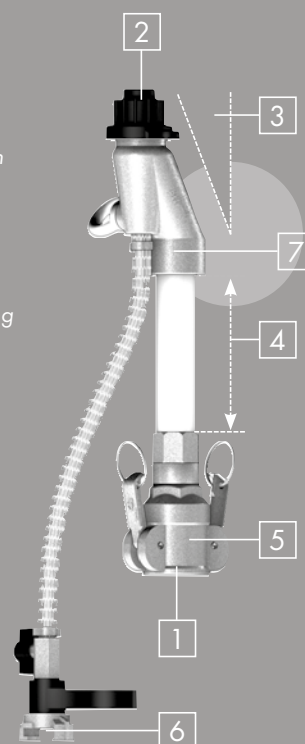
on the spraying gun offers huge benefits. Helping you win the fight against twisted hoses.

For retroactively swelling materials, such as insulating plasters, spraying guns with a ball valve or an automatic squeeze valve are used.

For fine materials, and to guarantee a clean spray pattern, even in corners, the conical spraying caps is the right choice.

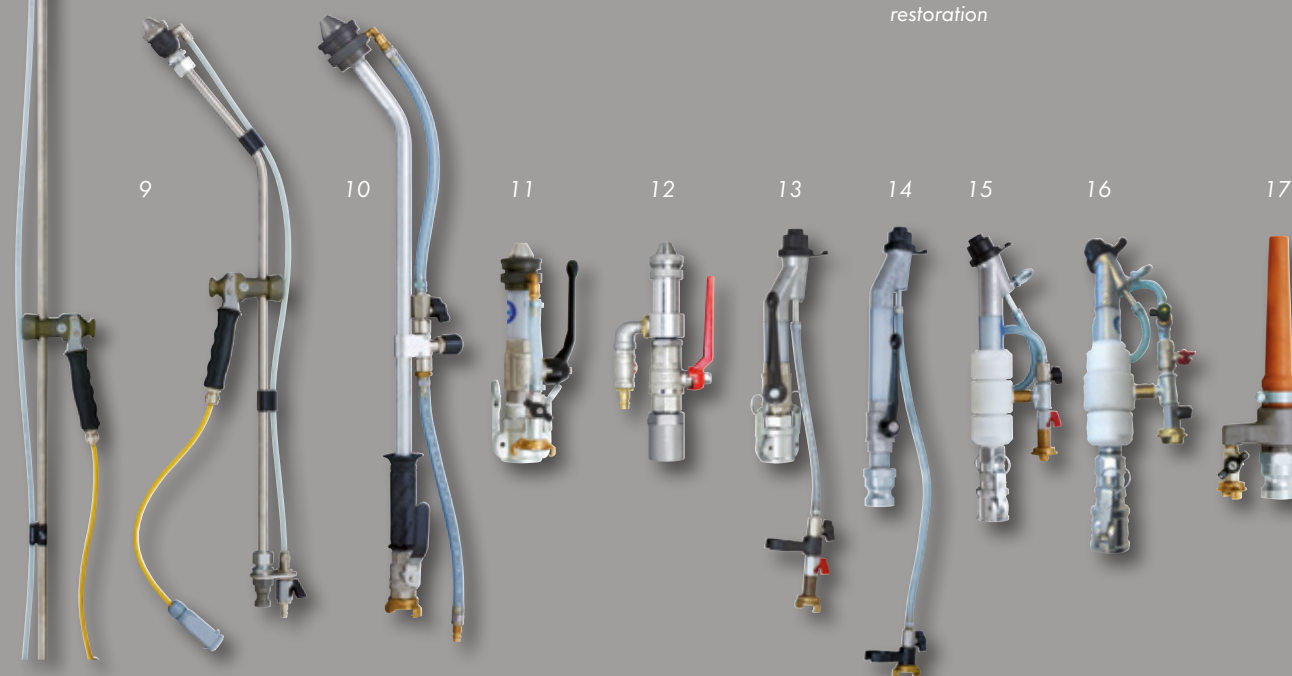
- 1 Hose connection
- 2 Type of nozzle
- 3 Angle °
- 4 Length
- 5 Rotating coupling
- 6 Air connection
- 7 Ø Air nozzle

Refer to the tables on the following pages for precise information



Spraying guns

- 1 smartline
- 2 30° offset
- 3 rotating
- 4 without rotating coupling
- 5 with fixed air connection
- 6 with Geka-grout connection
- 7 DN35 male with free-blow function
- 8 DN35 male part
- 9 powercoat
- 10 for spraying of concrete primer
- 11 for decorative plaster
- 12 for finishing coat
- 13 with ball valve and free-blow function
- 14 with ball valve and control of air supply
- 15 with squeeze valve and free-blow function
- 16 with squeeze valve, free-blow function and fine control of the air supply
- 17 Reprofilier spraying for concrete restoration



Spraying gun for plaster and grout

Part no. Description

Spraying gun smartline

- Flat nozzle with Ø 14 mm
- Geka air connection
- Air nozzle Ø 6 mm



		1	2	3	4	5	6	7
00 21 10 91	Spraying gun smartline DN25 F14 200 Geka	DN25	F14	–	200 mm	–	Geka	6 mm
00 21 10 92	Spraying gun smartline DN25 F14 200-30° Geka	DN25	F14	30°	200 mm	–	Geka	6 mm
00 24 70 14	Spraying gun smartline DN25 F14 600-30° Geka	DN25	F14	30°	600 mm	–	Geka	6 mm



Spraying gun 30° offset and rotating

- Cast aluminium spray head
- Rotating grout coupling – easy handling
- Geka and Ewo air connection
- 30° offset spray head



		1	2	3	4	5	6
00 09 72 83	Spraying gun DN25-360° S10 600-30° Ewo	DN25	S10	30°	600 mm	360°	Ewo
00 24 70 04	Spraying gun DN25-360° S10 900-30° Ewo	DN25	S10	30°	900 mm	360°	Ewo
00 24 70 10	Spraying gun DN25-360° S10 1200-30° Ewo	DN25	S10	30°	1,200 mm	360°	Ewo
00 20 64 40	Spraying gun DN25-360° S14 600-30° Geka	DN25	S14	30°	600 mm	360°	Geka
00 24 70 18	Spraying gun DN25-360° S14 900-30° Geka	DN25	S14	30°	900 mm	360°	Geka
00 24 70 22	Spraying gun DN25-360° S14 1200-30° Geka	DN25	S14	30°	1,200 mm	360°	Geka



Rotating spraying gun

- Cast aluminium spray head
- Geka and Ewo air connection
- 30° straight spray head
- Air nozzle Ø 4 mm



		1	2	3	4	5	6	7
00 11 18 04	Spraying gun DN25-360° S10 200 Ewo	DN25	S10	–	200 mm	360°	Ewo	4 mm
00 13 66 24	Spraying gun DN25-360° S14 200 Geka	DN25	S14	–	200 mm	360°	Geka	4 mm

Spraying gun without rotating coupling

- Ball valve for controlling the air supply



		1	2	3	4	5	6
20 19 00 02	Spraying gun DN25 S14 200 Geka	DN25	S14	–	200 mm	–	Geka
20 19 00 05	Spraying gun DN25 S14 100-30° Geka	DN25	S14	30°	100 mm	–	Geka

1 Hose connection / 2 Nozzle type / 3 Angle° / 4 Length / 5 Rotating coupling / 6 Air connection / 7 Air nozzle Ø

Spraying gun for plaster and grout

Part no. Description

Spraying gun with fixed air connection

- Ball valve for controlling the air supply



		1	2	3	4	5	6
00 24 70 07	Spraying gun DN25 S10 1200-30° Geka	DN25	S10	30°	1,200 mm	–	Geka
00 24 70 12	Spraying gun DN25 S10 1200-30° Ewo	DN25	S10	30°	1,200 mm	–	Ewo
20 19 00 13	Spraying gun DN25 S14 600 Geka	DN25	S14	–	600 mm	–	Geka
20 19 00 11	Spraying gun DN25 S14 600-30° Geka	DN25	S14	30°	600 mm	–	Geka
00 24 70 15	Spraying gun DN25 S14 900-30° Geka	DN25	S14	30°	900 mm	–	Geka
00 24 70 20	Spraying gun DN25 S14 1200-30° Geka	DN25	S14	30°	1,200 mm	–	Geka

Spraying gun with Geka grout connection

- Ball valve for controlling the air supply

Note: Can be used up to max. pressure of 15 bar



		1	2	3	4	5	6	7
00 05 79 01	Spraying gun Geka S10 200 Ewo	Geka	S10	–	200 mm	–	Ewo	–
00 07 36 68	Spraying gun Geka S10 200 Ewo, air nozzle 4 mm	Geka	S10	–	200 mm	–	Ewo	4 mm

Spraying gun DN35 male part with purging function

- Shut-off the air supply – machine stops, the compressor continues to run
- The remaining material is still sprayed onto the wall until the second air ball valve completely shuts off the system and switches off the compressor.



		1	2	3	4	5	6
20 19 60 00	Spraying gun DN35 S14 Geka	DN35	S14	–	–	–	Geka

Spraying gun DN35 male part



		1	2	3	4	5	6
00 00 69 28	Spraying gun DN35 S14 Geka	DN35	S14	–	–	–	Geka
00 14 83 84	Spraying gun DN35 M20 Geka	DN35	M20	–	–	–	Geka

1 Hose connection / 2 Nozzle type / 3 Angle ° / 4 Length / 5 Rotating coupling / 6 Air connection / 7 Air nozzle tube Ø

Spraying gun for concrete restoration

Part no. Description



Spraying gun "Reprofilier" for concrete restoration



		1	2	3	4	5	6
20 19 63 00	Spraying gun concret "Reprofilier" DN35 R12 Geka	DN35	R12	–	–	–	Geka
20 19 64 00	Spraying gun concret "Reprofilier" DN35 R15 Geka	DN35	R15	–	–	–	Geka

Spraying gun for concrete primer

Spraying gun for spraying of concrete primer

- Spray nozzle made of stainless steel



		1	2	3	4	5	6
00 05 66 74	Spraying gun for concrete primer Geka VA6 600-40° Ewo	Geka	VA6 (Ø 55)	40°	600 mm	–	Ewo

Spraying gun for decorative plaster



Spraying gun for decorative plaster

- Spray nozzle made of stainless steel



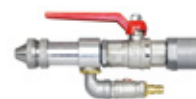
		1	2	3	4	5	6
20 19 59 00	Spraying gun for decorative plaster DN25 VA10 100 Geka	DN25	VA10 (Ø 55)	–	100 mm	–	Geka
00 25 27 75	Spraying gun for decorative plaster DN25 VA10 600 45° Geka	DN25	VA10 (Ø 55)	45°	600 mm	–	Geka
00 25 27 76	Spraying gun for decorative plaster DN25 VA10 1200 45° Geka	DN25	VA10 (Ø 55)	45°	1,200 mm	–	Geka

Spraying gun for finishing coat



Spraying gun for finishing coat

- Spray nozzle made of stainless steel



		1	2	3	4	5	6
00 21 23 74	Spraying gun for finishing coat DN19 VA6 100 Ewo	DN19	VA6 (Ø 32)	–	100 mm	–	Ewo

1 Hose connection / 2 Nozzle type / 3 Angle° / 4 Length / 5 Rotating coupling / 6 Air connection

Spraying gun for insulating plaster

Part no. Description



Spraying gun with ball valve



		1	2	3	4	5	6
00 00 13 99	Spraying gun with ball valve DN25 S14 100-30° Geka	DN25	S14	30°	100 mm	–	Geka

Spraying gun with ball valve and free-blow function

- Shut-off the air supply – machine stops, the compressor continues to run
- Ball valve shuts off the material flow
- The remaining material is still sprayed onto the wall until the second air ball valve completely shuts off the system and switches off the compressor.



		1	2	3	4	5	6
00 04 63 96	Spraying gun with ball valve DN25 S12 200 Geka	DN25	S12	–	200 mm	–	Geka

Spraying gun with ball valve and air supply control for remote control of machines with pressure control



		1	2	3	4	5	6
00 00 22 52	Spraying gun with ball valve DN35 S14 200 Geka	DN35	S14	–	200 mm	–	Geka

Spraying gun with squeeze valve and free-blow function

- Squeeze valve prevents pressure build-up in the material hose
- Reduces the risk of accidents



		1	2	3	4	5	6
00 04 62 26	Spraying gun with squeeze valve DN25 S14 100-30° Geka	DN25	S14	30°	100 mm	–	Geka

Spraying gun with squeeze valve, free-blow function and fine control of the air supply

- Squeeze valve prevents pressure build-up in the material hose
- Reduces the risk of accidents
- Fine control allows for a perfectly configured spray pattern



		1	2	3	4	5	6
00 17 39 39	Spraying gun with squeeze valve DN25 S14 200-30° Geka	DN25	S14	30°	200 mm	–	Geka

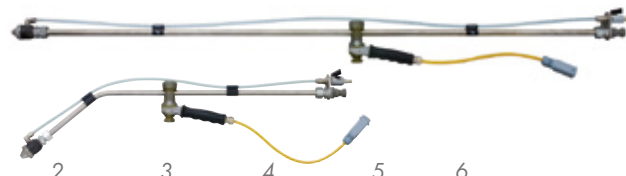
1 Hose connection / 2 Nozzle type / 3 Angle ° / 4 Length / 5 Rotating coupling / 6 Air connection

Spraying gun for skim coat

Part no. **Description**



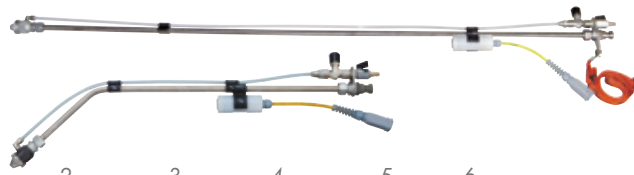
Spraying gun powercoat including handle control, 35 cm cable



		1	2	3	4	5	6
00 09 48 98	Spraying gun powercoat DN13 VA4 1500 Ewo, handle	DN13	VA4 (Ø 32)	–	1,500 mm	–	Ewo
00 09 80 71	Spraying gun powercoat DN13 VA4 750-45° Ewo, handle	DN13	VA4 (Ø 32)	45°	750 mm	–	Ewo



Spraying gun powercoat including remote control, 35 cm cable



		1	2	3	4	5	6
00 13 78 68	Spraying gun powercoat DN13 VA4 1500 Ewo, remote control	DN13	VA4 (Ø 32)	–	1,500 mm	–	Ewo
00 13 78 60	Spraying gun powercoat DN13 VA4 750-45° Ewo, remote control	DN13	VA4 (Ø 32)	45°	750 mm	–	Ewo

Spraying gun powercoat without control



		1	2	3	4	5	6
00 12 95 79	Spraying gun powercoat DN13 VA4 1500 Ewo	DN13	VA4 (Ø 32)	–	1,500 mm	–	Ewo
00 12 95 85	Spraying gun powercoat DN13 VA4 750-45° Ewo	DN13	VA4 (Ø 32)	45°	750 mm	–	Ewo

Extras

Part no. **Description**

00 09 79 35	Remote control cable with switch – 16 m <i>Note: is required for "Spraying gun powercoat without control"</i>	H 4
20 45 69 29	Remote control cable with switch – 25 m <i>Note: is required for "Spraying gun powercoat without control"</i>	H 4
00 08 80 49	Extension for remote control cable – 16 m	H 4
20 45 69 31	Extension for remote control cable – 25 m	H 4

1 Hose connection / 2 Nozzle type / 3 Angle ° / 4 Length / 5 Rotating coupling / 6 Air connection

Spraying set for finishing coat

Part no. Description

00 23 21 06	Spraying set for finishing coats in case includes:
00 21 23 74	Spraying gun for finishing coat DN19 VA6 100 Ewo
00 00 85 97	Spray nozzle VA4 (Ø 32)
00 00 85 95	Spray nozzle VA8 (Ø 32)
00 00 85 94	Spray nozzle VA10 (Ø 32)
00 22 20 11	Adapter coupling DN19 male part I Geka
00 20 04 00	Adapter coupling DN25 female part I DN19 male part
00 04 39 86	Sleeve brush for cleaning
00 20 04 03	Sponge ball (hard) for RONDO DN19



Spraying set for plaster and grout

00 41 89 75	Spraying set for JETSET pro DN25 Ewo includes:	H 4
00 26 35 74	JETSET pro DN25 Ewo	
00 00 85 90	Spray nozzle for decorative plaster VA10 (Ø 55)	
00 41 65 06	Spray cap for glue (hose)	
00 06 23 82	Spraying cap S12	
00 06 23 83	Spraying cap S14	
00 07 36 70	Round file 4 mm	
20 22 31 00	Round file 5 mm	
00 02 12 19	Reamer	
20 45 69 31	Extension for remote control cable – 25 m	H 4
00 02 12 18	Sleeve brush	
20 21 05 00	Sponge ball for DN25	

Three in one with the practical case set

Experience the versatility of the spraying gun JETSET pro DN25 Ewo. Convert quickly and easily from the spraying gun to the glue gun.

- Reinforcing mortar
- Adhesive mortar
- Plastering



Spraying gun for adhesive mortar

00 42 00 58	ZARGOMAT pro DN25-360°	H 4
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Easy, quick, rational with the PFT ZARGOMAT pro DN25-360°

The single-hand spraying gun for rational application of adhesive mortar.

- Optimised form – does not twist so easily
- Robust design suitable for construction sites
- Quick and clean material application
- Quick and simple cleaning
- A pivot on the mortar coupling enables effortless work
- Integrated remote control switch
- Frame hook for mounting

Spraying gun for paint

Part no. Description

JetRoller airless

A conveying pump allows the coating material to be automatically delivered directly from the container to the roller.

- No bucket hauling, no dipping
- Better, faster, more efficient with the JetRoller airless up to twice as fast as the standard procedure with paint roller

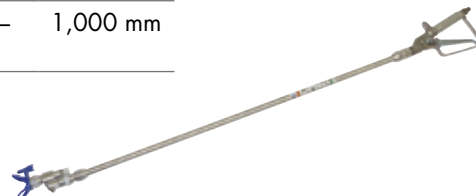


		1	2	3	4
00 54 64 93	JetRoller airless DN6 (1/4")	DN6 (1/4")	–	–	1,000 mm



Spraying gun airless – pistol on rod

Application – dispersion paint



		1	2	3	4
00 12 96 86	Pistol DN6 900 on rod	DN6 (1/4")	–	–	900 mm
	Filter pistol				
00 25 23 68	Mesh size 50				
00 25 23 70	Mesh size 100				



Spraying gun airless – Contractor

Application – dispersion paint

- Including nozzle holder
- With built-in paint filter



		1	2	3	4
00 16 12 25	Contractor DN6 517	DN6 (1/4")	517	–	–
	Filter pistol				
00 25 23 60	Mesh size 60				
00 25 23 67	Mesh size 100				

Spraying gun for fillers



Spraying gun airless – Texture

Application – skim coat

- Including nozzle holder



		1	2	3	4
00 09 61 28	Texture DN6 531	DN6 (1/4")	531	–	–



Spraying gun airless – In Line Texspray

Application – fillers



		1	2	3	4
00 46 00 27	In Line Texspray DN9 30°	DN9 (3/8")	–	30°	–

1 Hose connection / 2 Nozzle type / 3 Angle ° / 4 Length

DUSTCATCHER

Dust-free – clean and health-friendly work

The formation of dust during the loading of bagged goods cannot be completely prevented, but we can significantly reduce it. This is because health is our priority.

Dust-free work is ...

- ✓ health-friendly work
- ✓ efficient work



Part no.	Description
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00 53 97 16	DUSTCATCHER for G 4
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includes:

- Dust remover category M - iPulse
- Supplement set for dust remover M
- Extension hopper DUSTCATCHER G 4
- Deflector plate with outlet connection



DUSTCATCHER G 4

00 61 72 74	DUSTCATCHER for G 4 XL
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includes:

- Dust remover category M - iPulse
- Supplement set for dust remover M
- Extension hopper DUSTCATCHER G 4
- Deflector plate with outlet connection

00 65 92 60	DUSTCATCHER for G 4 (with frame 3/4")
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includes:

- Dust remover category M - iPulse
- Supplement set for dust remover M
- Extension hopper DUSTCATCHER G 4
- Deflector plate with outlet connection



DUSTCATCHER
for material hopper
RITMO L plus

00 61 11 77	DUSTCATCHER for material hopper RITMO L plus
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includes:

- Dust remover category M - iPulse
- Supplement set for dust remover M
- Extension hopper DUSTCATCHER for material hopper RITMO L plus



DUSTCATCHER
for hopper extension
RITMO L plus

00 61 98 34	DUSTCATCHER for hopper extension RITMO L plus
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includes:

- Dust remover category M - iPulse
- Supplement set for dust remover M
- Extension hopper DUSTCATCHER for hopper extension RITMO L plus

Part no.	00 53 97 16	00 61 72 74	00 65 92 60	00 61 11 77	00 61 98 34
Design	for material hopper	for material hopper	for material hopper	for material hopper	for hopper extension
Dimensions of hood: W / L	725 / 665 mm	725 / 665 mm	725 / 665 mm	600 mm / 448 mm	745 mm / 561 mm
Dimensions of opening: W / L	330 / 400 mm	330 / 400 mm	330 / 400 mm	444 mm / 191 mm	238 / 243 mm
Weight of hood	16.1 kg	16.1 kg	16.1 kg	7.9 kg	7.4 kg
Weight of deflector plate	2.3 kg	2.7 kg	2.3 kg	–	–
Vacuum cleaner connection	37 mm	37 mm	37 mm	37 mm	37 mm
Power input	1,400 Watt	1,400 Watt	1,400 Watt	1,400 Watt	1,400 Watt
Hopper volume for dust	25 litres	25 litres	25 litres	25 litres	25 litres

00 62 32 76	Dust remover category M
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00 42 68 94	Supplement set of dust remover M includes: 1x handhold, 2x suction tube, 1x crevice tool, 1x dust nozzle
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00 53 84 45	Deflector plate G 4 with outlet connection
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00 65 91 38	Deflector plate G 4 with outlet connection
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Note: for G 4 (with frame 3/4")

00 53 84 16	Extension hopper DUSTCATCHER G 4
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00 61 28 34	Extension hopper DUSTCATCHER for material hopper RITMO L plus
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00 61 98 35	Extension hopper DUSTCATCHER for hopper extension RITMO L plus
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Dust remover category M

Extension hopper

Part no.	Description	suitable for	
00 43 60 20	Extension hopper – 70 litres <i>Note: Perfectly suited for insulating plasters</i>	• G 4	Extension hopper G 4 
00 20 62 31	Extension hopper – 70 litres <i>Note: Perfectly suited for insulating plasters</i>	• G 4 (with frame 3/4")	
00 08 97 93	Extension hopper – 75 litres	• RITMO M / L	Extension hopper RITMO M / L 
00 04 59 20	Extension hopper – 97 litres <i>Note: Perfectly suited for insulating plasters</i>	• G 5	Extension hopper G 5 
00 09 80 04	Extension hopper – 115 litres <ul style="list-style-type: none">• Including integrated screen for max. 14 mm grain size• Vibrator AM3-0.44 – 2 m• Surge case 300 mm	• ZP 3 XL • ZP 3 XXL	Extension hopper ZP 3 XL 
00 20 18 70	Extension hopper – 140 litres	• RITMO XL	Extension hopper RITMO XL 
00 45 34 69	Extension hopper – 142 litres	• G 4 • G 4 (with frame 3/4") • HM 24 • HM 2 • HM 2006	Extension hopper G 4 / HM 24 / HM 2 / HM 2006 
00 61 28 34	Extension hopper DUSTCATCHER for material hopper	• RITMO L plus	Filling hopper 
00 61 98 35	Extension hopper DUSTCATCHER for hopper extension	• RITMO L plus	Hopper extension 
00 61 27 29	Hopper extension	• RITMO L plus	Extension hopper for material hopper 
20 71 60 00	Filling hopper for bagged goods <ul style="list-style-type: none">• With built-in bag opener	Conveying tank: <ul style="list-style-type: none">• SILOMAT trans plus• SILOMAT trans plus light• HM 5	Extension hopper for hopper extension 
20 70 66 00	Twin adapter 330/330 for connecting to 2 SILOMAT conveying pots <i>Note: Intermediate piece required</i>		Twin adapter 330/330 

Bag squeezer

Part no.	Description	suitable for
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00 09 86 56	Bag squeezer for mounting on the material hopper	RITMO M / L
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00 62 59 70	Bag squeezer for mounting on the material hopper	RITMO L plus
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00 45 98 11	Bag squeezer for mounting on the material hopper	SWING airless
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Injection hood for loading with pneumatic conveying units

00 42 06 64	Injection hood – foldable includes: • Control cable – 50 m • Level indicator for controlling the conveying system	<ul style="list-style-type: none"> • G 4 • G 4 (with frame 3/4")
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Injection hood,
foldable

20 60 02 13	Injection hood includes: • Mono filter • Control cable – 25 m • Control cable – 50 m • Level indicator for controlling the conveying system	<ul style="list-style-type: none"> • G 4 • G 4 (with frame 3/4") • HM 24
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Injection hood

Note: When using HM 24, the extension hopper part no. 00 45 34 69 is also required

00 04 43 34	Injection hood includes: • Mono filter • Control cable – 5 m • Control cable – 25 m • Control cable – 50 m • Level indicator for controlling the conveying system	<ul style="list-style-type: none"> • G 5
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Injection hood G 5

00 64 02 39	Injection hood includes: • Control cable – 50 m • Level indicator for controlling the conveying system	<ul style="list-style-type: none"> • RITMO L plus
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Injection hood
RITMO L plus




Note: When using the injection hood, the extension hopper part no. 00 61 27 29 is also required

20 60 41 02	Dust filter hose for injection hood D 420 x 1,100 mm	
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Dust filter hose

Delivery hood for loading from material silo

Part no.	Description	suitable for
	Delivery hood – functional principle <ul style="list-style-type: none"> Level indicator regulates the flow of material via the silo vibrator and prevents the machine from running empty The silo vibrator and machine compressor are supplied with power via the integrated control box 	
20 60 05 00	Delivery hood – 400 V, 3 Ph, 50 Hz <ul style="list-style-type: none"> Silo connecting flange: 250 mm Delivery bellows: 300 mm Level indicator Filter bag: 500 mm <p><i>Note: The agitator is not included in the scope of delivery.</i></p>	<ul style="list-style-type: none"> HM 24 G 4 G 4 (with frame 3/4") G 54  <p>Delivery hood 400 V</p>
00 20 16 20	Delivery hood – 230 V, 1 Ph, 50 Hz <ul style="list-style-type: none"> Delivery bellows: 300 mm Level indicator Filter bag: 210 mm External vibrator A12-1.9 – 3 m, 230 V, 1 Ph, 50 Hz 	<ul style="list-style-type: none"> RITMO XL <p><i>Only for 230 V types</i></p>  <p>Delivery hood RITMO XL</p>
00 47 18 74	Delivery hood – 400 V, 3 Ph, 50 Hz <ul style="list-style-type: none"> Silo connecting flange: 250 mm Delivery bellows: 420 mm Level indicator Filter bag: 500 mm <p><i>Note: The agitator is not included in the scope of delivery.</i> <i>Required for using the PFT MINITAINER</i></p>	<ul style="list-style-type: none"> G 4 G 4 XL G 54  <p>Delivery hood RITMO XL</p>
00 23 60 03	Delivery hood – 230 V, 1 Ph, 50 Hz <ul style="list-style-type: none"> Silo connecting flange: 350 mm Delivery bellows: 250 mm Level indicator Filter bag: 210 mm External vibrator A12-1.9 – 3 m, 230 V, 1 Ph, 50 Hz 	<ul style="list-style-type: none"> RITMO XL <p><i>Only for 230 V types</i></p>

We will help you find the right delivery hood.

What type of machine do you own and on which silo/container does the machine need to be flanged-mounted?

Our technicians will advise you quickly and competently under +49 9323 31-1818

RONDO Material hose



Part no.	Description
RONDO DN65	
00 08 31 88	RONDO DN65 – 10 m Male part sleeve Female part sleeve
00 08 31 91	RONDO DN65 – 20 m Male part sleeve Female part sleeve
RONDO DN50	
00 17 24 05	RONDO DN50 – 13.3 m Hydraulic connection male part female part
RONDO DN35	
00 02 11 04	RONDO DN35 – 10 m Hydraulic connection male part female part
00 02 11 19	RONDO DN35 – 13.3 m Hydraulic connection male part female part
00 02 11 05	RONDO DN35 – 20 m Hydraulic connection male part female part
00 02 11 23	RONDO DN35 pouring hose – 13.3 m Hydraulic connection male part
00 02 12 73	RONDO DN35 pouring hose – 20 m Hydraulic connection male part
00 02 12 75	RONDO DN35 container – 40 m without couplings
RONDO DN25	
00 02 11 03	RONDO DN25 – 5 m Hydraulic connection male part female part
00 11 17 99	RONDO DN25 – 7.5 m Hydraulic connection male part female part
00 02 11 00	RONDO DN25 – 10 m Hydraulic connection male part female part
00 02 11 01	RONDO DN25 – 15 m Hydraulic connection male part female part
00 02 11 02	RONDO DN25 – 20 m Hydraulic connection male part female part
RONDO superlight DN25	
00 66 73 49	RONDO superlight flex DN25 – 5 m Hydraulic connection male part female part
00 66 73 48	RONDO superlight flex DN25 – 10 m Hydraulic connection male part female part



RONDO DN65



RONDO DN50



RONDO DN35

RONDO DN35
Pouring hoseRONDO DN35
container without couplings

RONDO DN25

RONDO superlight
DN25

PFT **praktive** tip

- Ultralight
- Triple burst pressure
- Hydraulic integration
- Mortar coupling easy to exchange
- 4 times higher abrasion resistance
- Strong PU inner lining
- Areas of application
Gypsum plaster /
Lime-cement-plaster
(grain size ≤ 3 mm)

RONDO Material hose

The RONDO is suitable for the hydraulic transportation of highly abrasive materials such as grout, screed, plaster and gypsum. An extremely smooth, abrasion-resistant lining enables a very high service life. The material of the mortar hose is ozone-resistant. The multi-layered structure and the tight winding lead to an outstanding buckling resistance of the hose. The hose is designed for an operating pressure of 40 bar (burst pressure 120 bar) and a temperature range of -30°C to +80°C. The couplings are hydraulically connected with ferrules, which increases the occupational safety. Two cam levers lock the couplings made of and galvanised with steel.

Facts about the product:

- Hydraulic transportation of highly abrasive materials
- Very long service life
- Abrasion resistant lining
- Ozone-resistant
- Excellent buckling resistance due to an enormous cross-sectional stability
- Hydraulically connected couplings
- Two cam levers

Your safety is our **priority!**

To prevent you from getting knackered – All mortar hoses PFT RONDO are allowed according to the Accident Prevention Regulations (UVV) of the Institution for statutory accident insurance and prevention in the building trade (BBG).

RONDO Material hose



Part no.	Description
RONDO DN19	
00 20 04 05	RONDO DN19 – 5 m Hydraulic connection male part female part
00 20 04 04	RONDO DN19 – 10 m Hydraulic connection male part female part
00 21 20 09	RONDO DN19 – 15 m Hydraulic connection male part female part
RONDO DN13	
00 08 73 54	RONDO DN13 – 15 m Hydraulic connection male part female part



RONDO DN19



RONDO DN13

Purging hose

Purging hose DN10	
00 11 38 56	Purging hose DN10 Geka – 11 m For easy cleaning of the material hose



Purging hose DN10

High-pressure hose

High-pressure hose DN12	
00 46 00 22	RONDO airless DN12 – 20 m Hydraulic connection 1/2" 1/2" external thread
High-pressure hose DN9	
00 09 61 29	High-pressure hose DN9 – 15 m <i>Note: Only for SAMBA XL</i>
00 12 95 97	High-pressure hose DN9 – 30 m <i>Note: Only for SAMBA XL</i>
High-pressure hose DN6	
00 09 61 30	High-pressure hose DN6 – 0.9 m
00 12 97 00	High-pressure hose DN6 – 15 m
00 12 95 98	High-pressure hose DN6 – 30 m



RONDO airless DN12



High-pressure hose DN9



High-pressure hose DN6



High-pressure hose DN6

Water hose/air hose



Part no. Description

Water hose/air hose DN25 (1")

20 21 22 00 Water hose/air hose DN25 – 40 m
Geka | Geka



Water hose/air hose
DN25

Water hose/air hose DN19 (3/4")

00 26 52 58 Water hose/air hose DN19 – 10 m
Geka | Geka

00 08 91 58 Water hose/air hose DN19 – 20 m
Geka | Geka

20 21 21 00 Water hose/air hose DN19 – 40 m
Geka | Geka



Water hose/air hose
DN19

Water hose/air hose DN12 (1/2")

20 21 11 00 Water hose/air hose DN12 – 5 m
Geka | Geka

20 21 10 00 Water hose/air hose DN12 – 11 m
Geka | Geka

20 21 12 00 Water hose/air hose DN12 – 13.3 m
Geka | Geka

20 21 10 03 Water hose/air hose DN12 – 16 m
Geka | Geka

20 21 20 10 Water hose/air hose DN12 – 20 m
Geka | Geka

20 21 30 00 Water hose/air hose DN12 – 20 m
Geka | Spray nozzle

20 21 20 00 Water hose/air hose DN12 – 40 m
Geka | Geka



Water hose/air hose
DN12

PFT **praktive** tip

Many spraying guns are equipped with a Geka connection.

With the appropriate couplings, you can work more ergonomically and with our lighter air hoses DN9.

00 41 92 24 Adapter coupling
Geka | Ewo female part

00 41 92 13 Adapter coupling
Geka | Ewo male part



Air hose

Part no. **Description**

Air hose DN12 (1/2")

20 21 16 00 Air hose DN12 – 11 m
Ewo | Geka male part

20 21 16 01 Air hose DN12 – 15 m
Ewo | Geka male part



Air hose DN12

Air hose DN9 (3/8")

00 07 72 40 Air hose DN9 – 5 m
Ewo male part | Ewo female part

00 06 89 35 Air hose DN9 – 8.5 m
Ewo male part | Ewo female part

00 00 85 21 Air hose DN9 – 16 m
Ewo male part | Ewo female part



Air hose DN9

Sponge balls

00 01 04 11 Sponge ball for material hose DN10

20 21 05 00 Sponge ball for material hose DN25 p.u. = 20 pcs

20 21 06 00 Sponge ball (hard) for material hose DN35 p.u. = 20 pcs

20 21 06 10 Sponge ball (hard) for material hose DN50 p.u. = 20 pcs

20 21 07 00 Sponge ball (hard) for material hose DN65 p.u. = 20 pcs



Sponge ball for DN10



Sponge ball for DN25



Sponge ball for DN35



Sponge ball for DN65

Conveying hose

Part no. Description

Rubber conveying hose

00 47 34 24 Conveying hose - initial equipment – 73,3 m consisting of:

- 1 x Rubber conveying hose RONDO air 3-layer DN45 – 13,3 m
- 3 x Rubber conveying hose RONDO air 3-layer DN45 – 20 m
- Hose holder with hook



Conveying hose –
initial equipment



Hose holder with hook

00 46 42 32 Rubber conveying hose RONDO air 3-layer DN45 – 13.3 m, coupling C50



Rubber conveying
hose DN45

00 46 42 33 Rubber conveying hose RONDO air 3-layer DN45 – 20 m, coupling C50



Rubber conveying
hose DN32

20 65 09 00 Rubber conveying hose DN32 – 7.5 m, coupling C50

Note: Supply line from SILOMAT rotary compressor to conveying pot

20 65 54 00 Suction coupling RONDO air C-50
Passage 43.5 mm



RONDO air

PFT **praktive** tip

Rubber conveying hose

Safety through uncompromising product quality. We place the highest demands on our extremely buckle-proof, 3-layered rubber conveying hose. A PFT product for the tough use at the construction site without compromise.

Facts about the product:

- Dry delivery of mortar, screed, plaster and gypsum
- Operating pressure 10 bar, Burst pressure 30 bar
- Very long service life
- Abrasion resistant lining
- Ozone resistant
- Excellent buckling resistance through an enormous cross-sectional stability
- No cross-section reduction through specially integrated C-coupling

Fabric conveying hose (PVC)

20 65 05 00 Conveying hose - initial equipment – 75 m consisting of:

- 3 x Fabric conveying hose (PVC) DN46 – 25 m
- Hose holder with hook

20 65 28 00 Fabric conveying hose (PVC) DN46 – 12.5 m C-coupling

20 65 29 00 Fabric conveying hose (PVC) DN46 – 25 m C-coupling



Conveying hose –
initial equipment







Fabric conveying
hose DN46

PFT **praktive** tip

PFT PVC conveying hose – the cost-effective alternative

Do you occasionally have a larger construction site where you use PFT conveying systems? Use the PVC conveying hose – the cost-effective alternative to the robust rubber conveying hose.

Remote control cable

Part no.	Description			
00 04 74 89	Remote control cable with switch and potentiometer – 25 m <i>Note: Only for ZP 3 XL FC-400V, ZP 3 XXL FC-400V</i>	H4		
20 45 69 29	Remote control cable with switch – 25 m	H4		
20 45 69 24	Remote control cable with switch – 50 m	H4		
20 45 69 15	Remote control cable with switch – 25 m on cable reel			
20 45 69 16	Remote control cable with switch – 50 m on cable reel			
00 08 80 49	Extension for remote control cable – 16 m	H4		
20 45 69 31	Extension for remote control cable – 25 m	H4		
20 45 69 34	Extension for remote control cable – 50 m	H4		
20 42 38 00	Control cable – 25 m <i>Note: Required for controlling injection hoods and pneumatic conveying systems</i>	WHI 3-16		
20 42 37 00	Control cable – 50 m	WHI 3-16		
				Remote control cable with switch on cable reel

Extension cable

00 07 34 75	Extension cable 3 x 2.5 mm ² , YEL 3-16 A – 10 m (110 V/1 Ph)			
00 23 74 27	Extension cable 3 x 2.5 mm ² , YEL 3-16 A – 25 m (110 V/1 Ph)			
20 42 34 20	Extension cable 3 x 2.5 mm ² , BLU 3-16 A BLA 2-16 A – 25 m (230 V/1 Ph)			
20 42 34 00	Extension cable 3 x 2.5 mm ² , BLA 2-16 A – 25 m (230 V/1 Ph)			
00 10 94 40	Extension cable 3 x 4 mm ² , BLU 3-32 A – 25 m (230 V/1 Ph)			
00 11 14 27	Extension cable 4 x 4 mm ² , RED 5-32 A RED 4-32 A – 40 m (400 V/3 Ph)			
20 42 33 60	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 25 m (400 V/3 Ph)			
20 42 33 50	Extension cable 5 x 2.5 mm ² , RED 5-16 A – 50 m (400 V/3 Ph)			
20 42 39 00	Extension cable 5 x 4 mm ² , RED 5-32 A – 50 m (400 V/3 Ph)			
00 06 33 40	Extension cable 5 x 4 mm ² , BLU 5-32 A – 25 m (230 V/3 Ph)			
00 06 33 41	Extension cable 5 x 4 mm ² , BLU 5-32 A – 50 m (230 V/3 Ph)			
00 10 56 33	Extension cable 5 x 6 mm ² , RED 5-32 A – 25 m (400 V/3 Ph)			
				RED 5-32 A, 400 V
				BLA 2-16 A, 230 V
				YEL 3-16 A, 110 V
				BLU 3-32 A, 230 V
				BLU 3-16 A BLA 2-16 A (230 V/1 Ph)
				BLU 5-32 A, 230 V

Pressure tester

Part no.	Description
20 21 68 02	Pressure tester 0 – 100 bar with DN25 female part
20 21 68 10	Pressure tester 0 – 100 bar with DN35 male part, NW24



Pressure tester DN25

Pressure gauge

00 10 22 27	Mortar pressure gauge DN25 female part DN25 male part, galvanised
00 10 22 28	Mortar pressure gauge DN35 male part DN35 female part, galvanised
00 10 22 29	Mortar pressure gauge DN50 female part 2" internal thread, galvanised
00 01 07 43	Contact pressure gauge Geka <i>Note: Application – paint</i>
00 23 39 71	Contact pressure gauge DN25 female part male part <i>Note: Application – paint</i>



Mortar pressure gauge DN25



Mortar pressure gauge DN35



Mortar pressure gauge DN50



Contact pressure gauge Geka

Water flow meter

00 07 32 01	Water flow meter 75 – 750 l/h
20 18 30 00	Water flow meter 100 – 1,000 l/h
20 18 50 04	Water flow meter 150 – 1,500 l/h
20 18 50 01	Water flow meter 250 – 2,500 l/h
00 01 17 97	Conversion kit for water flow meter 250 – 2,500 l/h
00 42 51 71	Water connection G 4 with flow meter 250 – 2,500 l/h
00 00 10 91	Retrofit kit for water flow meter HM 2002
00 50 05 93	Retrofit kit for water flow meter HM 2006
00 51 47 63	Retrofit kit for water flow meter LOTUS XS
00 53 67 18	Contrast cone for water flow meter type 1500



Water flow meter 75 – 750 l/h



Water flow meter 100 – 1.000 l/h



Water flow meter 150 – 1.500 l/h



Water flow meter 250 – 2.500 l/h



Conversion kit water flow meter



Contrast cone

Hauling bracket

Part no.	Description
00 52 14 10	Hauling bracket BIONIK cast iron for mixing pumps
00 55 16 29	Hauling bracket BIONIK for mixing pumps, with hole 30 mm
00 23 27 38	Hauling bracket BOLERO
00 09 43 42	Hauling bracket LOTUS XL
20 54 57 01	Hauling bracket HM 5
20 17 67 00	Hauling bracket SWING M/L
00 28 05 13	Hauling bracket ZP 3 XXL
00 17 48 72	Hauling bracket CMP 100

00 52 14 10	Hauling bracket BIONIK cast iron for mixing pumps
00 55 16 29	Hauling bracket BIONIK for mixing pumps, with hole 30 mm
00 23 27 38	Hauling bracket BOLERO
00 09 43 42	Hauling bracket LOTUS XL
20 54 57 01	Hauling bracket HM 5
20 17 67 00	Hauling bracket SWING M/L
00 28 05 13	Hauling bracket ZP 3 XXL
00 17 48 72	Hauling bracket CMP 100



BIONIK cast iron



BIONIK, hole 30 mm



LOTUS XL



HM 5



SWING M/L



ZP 3 XXL

Cleaning shaft

00 53 92 20	Cleaning shaft BIONIK G 4, galvanised
00 57 89 74	Cleaning shaft BIONIK RITMO, galvanised
00 58 88 32	Cleaning shaft BIONIK RITMO L plus, galvanised
00 54 22 84	Cleaning shaft BIONIK RITMO XL, galvanised
00 61 16 57	Cleaning shaft BIONIK RITMO XL HD, galvanised



Cleaning shaft

Mixing tube cleaner

00 06 62 65	Mixing tube cleaner for A- and B-pumps
00 23 19 70	Mixing tube cleaner for B- and D-pumps
20 10 23 20	Mixing tube cleaner for D- and R-pumps



Mixing tube cleaner

Agitator

00 47 37 16	Agitator BOLERO centro
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Agitator BOLERO centro

You will find the perfect mixing shaft for your application

Mixing intensity



Indicates the degree of mixing that can be achieved using the mixing shaft.
(AAA: Very high mixing)



Describes the conveying behaviour to the pump. The material is pressed downwards over the large contact surface of the mixing shaft arm.

Pressure intensity



Further information on BIONIK can be found at www.pft.net/bionik

Part no.	Description	Suitable for	Direction of rotation	Mixing intensity	Pressure intensity
00 53 96 72	Mixing shaft BIONIK G 4, machine plaster	G 4, G 5	clockwise	A	96
00 53 12 92	Mixing shaft BIONIK G 4, machine plaster HD	G 4, G 5	clockwise	A	96
00 54 06 80	Mixing shaft BIONIK G 4, insulating plaster	G 4, G 5	clockwise	A	296
00 53 96 76	Mixing shaft BIONIK G 4, finishing coat	G 4, G 5	clockwise	AA	96
00 54 73 99	Mixing shaft BIONIK G 4, finishing coat plus	G 4, G 5	clockwise	AA	172
00 54 25 44	Mixing shaft BIONIK G 4, insulating coat	G 4, G 5	clockwise	A	375
00 54 03 90	Mixing shaft BIONIK G 4, light plaster	G 4, G 5	clockwise	A	256
00 54 12 62	Mixing shaft BIONIK G 4, floor screed	G 4, G 5	clockwise	AA	216
00 54 46 45	Mixing shaft BIONIK G 4, floor screed long	G 4, G 5	clockwise	AA	223
00 54 56 52	Mixing shaft BIONIK G 4 turbo	G 4, G 5	clockwise	AAA	223
00 62 77 70	Mixing shaft BIONIK G 4 BiTurbo	G 4, G 5	clockwise	AAA	258
00 57 83 54	Mixing shaft BIONIK RITMO, machine plaster	RITMO	anti-clockwise	A	46
00 57 80 50	Mixing shaft BIONIK RITMO M/L, machine plaster	RITMO	clockwise	A	80
00 57 84 38	Mixing shaft BIONIK RITMO M/L, light plaster	RITMO	anti-clockwise	A	85
00 59 57 10	Mixing shaft BIONIK RITMO L, insulating plaster	RITMO	anti-clockwise	A	186
00 70 57 54	Mixing shaft BIONIK RITMO L plus machine plaster plus, D=76 mm	RITMO	clockwise	A	127
00 65 93 49	Mixing shaft BIONIK RITMO L turbo	RITMO	clockwise	AAA	56
00 57 85 35	Mixing shaft BIONIK RITMO powercoat, mineral filler	RITMO powercoat	anti-clockwise	A	46
00 57 89 66	Mixing shaft BIONIK RITMO powercoat, mineral filler plus	RITMO powercoat	anti-clockwise	A	46
00 63 01 60	Mixing shaft BIONIK RITMO L plus powercoat, mineral filler	RITMO L plus	clockwise	A	56
00 54 09 52	Mixing shaft BIONIK RITMO XL, machine plaster	RITMO XL	clockwise	A	96
00 59 69 05	Mixing shaft BIONIK RITMO XL, machine plaster HD	RITMO XL	clockwise	A	96
00 54 97 72	Mixing shaft BIONIK RITMO XL, insulating plaster	RITMO XL	clockwise	A	296
00 54 93 21	Mixing shaft BIONIK RITMO XL, insulating plaster plus	RITMO XL	clockwise	A	182
00 54 74 70	Mixing shaft BIONIK RITMO XL, light plaster	RITMO XL	clockwise	A	172
00 54 20 74	Mixing shaft BIONIK RITMO XL, floor screed	RITMO XL	clockwise	A	250



G 4 machine plaster



G 4 insulating plaster



G 4 finishing coat



G 4 insulating coat




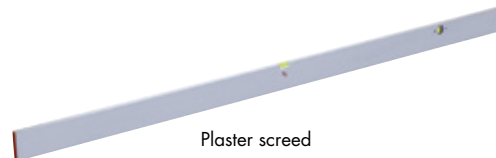








TOOLS

For application: Plaster

For application: Screed

For application: Plaster

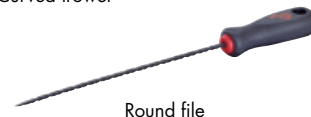
Part no.	Description	
Hawk		
20 22 33 00	Aluminium hawk	 Aluminium hawk
Plaster comb		
20 22 34 00	Plaster comb, stainless, 0.30 m	 Plaster comb
Taping spatula		
20 22 34 10	Taping spatula with long handle	 Taping spatula with long handle
20 22 34 20	Replacement spatula for taping spatula	
Plaster screed		
20 22 09 50	Plaster screed with level, 2.00 m	 Plaster screed
20 22 09 60	Plaster screed with level, 2.50 m	
20 22 09 70	Plaster screed with level, 3.00 m	
Float		
20 22 19 50	Plastic plaster's float 14 x 28 cm	 Plastic plaster's float
Sponge float		
20 22 15 00	Sponge float 13 x 25 cm complete, red, rough, hard	 Sponge float – red, rough
20 22 15 10	Sponge float 15 x 29 cm complete, red, rough, hard	
20 22 15 20	Sponge float 13 x 25 cm complete, white, fine	 Sponge float – red, fine
20 22 15 30	Sponge float 15 x 29 cm complete, white, fine	
20 22 15 40	Sponge float 13 x 25 cm complete, red, fine, hard	 Sponge float – white, fine
20 22 15 50	Sponge float 15 x 29 cm complete, red, fine, hard	
20 22 16 10	Replacement rubber for sponge float 15 x 29 cm, red, rough, hard	 Replacement rubber – red, rough
20 22 16 50	Replacement rubber for sponge float 15 x 29 cm, red, fine, hard	
		 Replacement rubber – red, fine

For application: Plaster

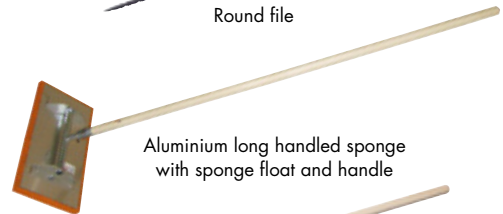
Part no.	Description
Curved trowel	
20 22 10 00	Curved trowel, 48 x 13 cm, stainless p.u. = 5 pcs
Round file for cleaning the spraying nozzles	
00 07 36 70	Round file Ø 4 mm
20 22 31 00	Round file Ø 5 mm
Long handled sponge	
20 22 33 10	Aluminium long handled sponge with sponge float and handle
20 22 33 20	Handle for long handled sponge and floating trowel (with thread)
20 22 33 21	Sponge for long handled sponge
20 22 33 22	Aluminium long handled sponge with sponge float without handle
Stucco featheredge	
00 04 69 11	Stucco featheredge light metal, 1.00 m
Stucco saw	
20 22 21 00	Stucco saw
Plastic bucket	
20 22 72 00	Plastic bucket, black, content: 12 litres
20 22 73 00	Plastic bucket, black, content: 90 litres
Edge trimming plane	
20 22 23 00	Edge trimming plane, wooden handle



Curved trowel



Round file



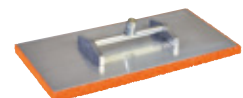
Aluminium long handled sponge with sponge float and handle



Handle for long handled sponge and floating trowel



Sponge for long handled sponge



Aluminium long handled sponge with sponge float without handle



Stucco featheredge



Stucco saw



Plastic bucket, 12 l



Plastic bucket, 90 l



Edge trimming plane

For application: Plaster

Part no. **Description**

Corner trowels

20 22 28 00	Internal corner trowel, stainless	p.u. = 2 pcs
20 22 28 20	Internal corner trowel with scraper	p.u. = 2 pcs
20 22 28 10	External corner trowel, stainless	p.u. = 2 pcs
20 22 12 00	Corner trowel, stainless	



Internal corner trowel



Internal corner trowel with scraper



Corner trowel



External corner trowel



Scratch for plasters



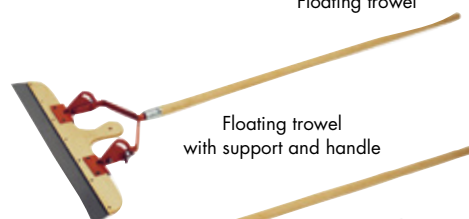
Floating trowel

Scratch for plasters

20 22 19 60	Scratch for plasters	
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Floating trowel

20 22 30 10	Floating trowel 40 cm, stainless	p.u. = 10 pcs
20 22 30 00	Floating trowel 50 cm, stainless	p.u. = 10 pcs
20 22 29 00	Floating trowel 60 cm, stainless	p.u. = 10 pcs
20 22 30 70	Floating trowel 60 cm with support and handle	
20 22 30 50	Floating trowel support with handle	
00 05 59 44	Floating trowel clamp without handle	



Floating trowel with support and handle



Floating trowel support with handle



Floating trowel clamp without handle

Plasterer's hatchet

20 22 20 00	Plasterer's hatchet with handle, 800 g	
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Plasterer's hatchet

Margin trowel

20 22 27 00	Margin trowel	
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Margin trowel

Plaster trowel

20 22 13 10	Plaster trowel 40 mm, stainless	p.u. = 10 pcs
20 22 13 00	Plaster trowel 50 mm, stainless	p.u. = 10 pcs
20 22 24 00	Plaster trowel 60 mm, stainless	p.u. = 10 pcs
20 22 25 00	Plaster trowel 70 mm, stainless	p.u. = 10 pcs
20 22 26 00	Plaster trowel 80 mm, stainless	p.u. = 10 pcs



Plaster trowel



Scratching tool for rendering

Scratching tool for rendering

20 22 32 00	Scratching tool for rendering two-sided, level surface	
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For application: Plaster

Part no. Description

Finishing trowel

20 22 11 00	Finishing trowel (small trowel) 280 mm
20 22 11 10	Finishing trowel (small trowel) 280 mm, stainless



Finishing trowel



Finishing trowel, stainless

Edge trimming plane

20 22 14 10	Edge trimming plane with 8 blades, metal handle
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Edge trimming plane



Featheredge

20 22 00 00	H-section featheredge 1.00 m length	p.u. = 10 pcs
20 22 01 00	H-section featheredge 1.20 m length	p.u. = 10 pcs
20 22 02 00	H-section featheredge 1.50 m length	p.u. = 10 pcs
20 22 03 00	H-section featheredge 1.80 m length	p.u. = 10 pcs
20 22 04 00	H-section featheredge 2.00 m length	p.u. = 10 pcs
20 22 04 10	H-section featheredge 2.50 m length	p.u. = 10 pcs
20 22 04 20	H-section featheredge 3.00 m length	p.u. = 10 pcs



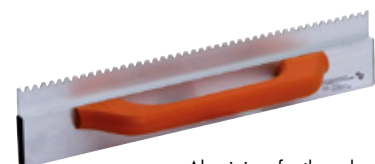
H-section featheredge

20 22 05 00	Trapezoid featheredge 1.00 m length	p.u. = 10 pcs
20 22 06 00	Trapezoid featheredge 1.20 m length	p.u. = 10 pcs
20 22 07 00	Trapezoid featheredge 1.50 m length	p.u. = 10 pcs
20 22 08 00	Trapezoid featheredge 1.80 m length	p.u. = 10 pcs
20 22 09 00	Trapezoid featheredge 2.00 m length	p.u. = 10 pcs
20 22 09 10	Trapezoid featheredge 2.50 m length	p.u. = 10 pcs
20 22 09 20	Trapezoid featheredge 3.00 m length	p.u. = 10 pcs



Trapezoid featheredge

20 22 35 00	Aluminium featheredge with wooden handle, toothed, 0.50 m length
20 22 36 00	Aluminium featheredge with wooden handle, toothed, 1.20 m length
20 22 37 00	Aluminium featheredge with wooden handle, toothed, 1.50 m length
20 22 37 10	Aluminium featheredge with wooden handle, toothed, 1.80 m length



Aluminium featheredge

Paper roll | Adhesive tape

20 22 42 00	Paper roll for dispenser Width: 22 cm, Length: 350 m	p.u. = 3 pcs
20 22 45 00	Adhesive tape Width: 30 mm, Length: 50 m	



Paper roll



Adhesive tape

PFT featheredges

**The work is easier
with better tools.**

Construction site approved tools are part of the comprehensive PFT system. These include the high-quality PFT featheredges for smoothing and abrading freshly applied plaster or screed.

Stable

Light

Robust



ALWAYS AT YOUR SITE



For application: Screed

Part no. **Description**

Levelling bar for floor screed

20 23 15 30	Levelling bar for floor screed, 0.80 m width
20 23 15 32	Levelling bar for floor screed, 1.60 m width
20 23 15 31	Levelling bar for floor screed, 2.20 m width

Levelling roll

20 23 15 40	Levelling roll, Width: 0.50 m, spike length: 11 mm
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Floor screed broom

20 23 15 10	Floor screed broom without handle
20 23 15 20	Handle for floor screed broom

Consistency checking tin

00 19 59 23	Consistency checking tin for floor screed Height: 175 mm, Volume: 1.3 litres
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Tripod

20 23 00 00	Tripod for floor screed
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Floor screed levelling pin

20 23 01 00	Floor screed levelling pin includes: <ul style="list-style-type: none"> • Basic device • Measuring tube – 20 m • Probe • Liquid • Compact and robust metal case
00 54 01 80	Liquid 0.5 litres for floor screed levelling pin



Levelling roll



Levelling bar for floor screed



Floor screed broom without handle



Handle for floor screed broom



Tripod for floor screed



Consistency checking tin



Floor screed levelling pin

Liquid



SPARE PARTS

Tap
Dummy plugs
Bend
Threaded pins
Bushings
Nuts
Nipples
Round steel bow
Washers
Screws
T-piece
Screw joints
Elbow
Hose couplings

Spare parts

Part no. **Description**

Tap

20 21 52 00	Tap 1/2"
20 21 52 20	Tap 3/4"
20 20 34 20	Tap extension 1/2" x 20, brass



Tap 1/2"



Tap 3/4"



Tap extension 1/2"

Dummy plug

20 43 12 00	Dummy plug PG 11
00 02 20 05	Dummy plug PG 13.5
20 43 12 05	Dummy plug PG 21
00 00 86 37	Dummy plug GL 55 x 3-5
20 20 58 10	Dummy plug 1" external thread, galvanised



Dummy plug PG 11



Dummy plug PG 13.5



Dummy plug PG 21



Dummy plug GL 55 x 3-5



Dummy plug
1" external thread

Bend

20 20 35 00	Bend 3/8" 45° internal thread-external thread, galvanised
20 20 35 02	Bend 3/8" 90° external thread-external thread, galvanised
20 20 35 11	Bend 1/2" 90° internal thread-external thread galvanised
00 00 88 99	Bend 3/4" 90° external thread-external thread, galvanised
20 20 35 12	Bend 3/4" 90° internal thread-external thread, galvanised
20 20 35 50	Bend 1" 30° internal-external thread, galvanised
20 20 38 60	Bend 1" 45° internal-external thread, galvanised
20 20 35 06	Bend 1" 90° internal-external thread 1, galvanised
00 02 35 69	Bend 1" 90° internal thread-external thread 1a, galvanised
20 20 35 08	Bend 1 1/4" 90° internal thread-external thread, galvanised
00 00 84 07	Bend 2" 90° internal thread-external thread, galvanised



Bend 3/8" 45° internal
thread-external thread



Bend 3/8" 90°
external thread



Bend 1/2" 90°
external thread



Bend 3/4" 90°
external thread



Bend 3/4" 90° internal
thread-external thread



Bend 1" 30° internal
thread-external thread



Bend 1" 45° internal
thread-external thread



Bend 1" 90° internal
thread-external thread 1



Bend 1" 90° internal
thread-external thread 1a



Bend 1 1/4" 90° internal
thread-external thread



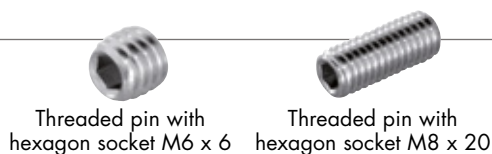
Bend 2" 90° internal
thread-external thread

Spare parts

Part no. Description

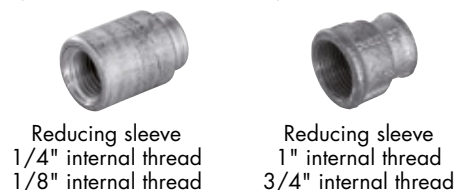
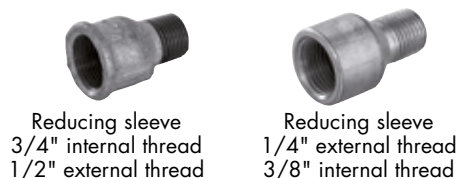
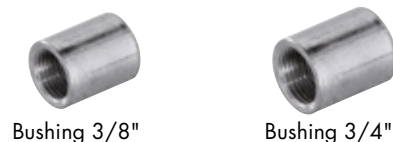
Threaded pin

20 20 99 92	Threaded pin with hexagon socket M6 x 6	p.u. = 10 pcs
20 20 96 03	Threaded pin with hexagon socket M8 x 20, galvanised	p.u. = 10 pcs
20 20 96 06	Threaded pin with hexagon socket M8 x 45	
















Bushings

20 20 30 02	Bushing 3/8", galvanised
20 20 30 01	Bushing 3/4", galvanised
20 20 30 04	Bushing 1" x 40, galvanised
20 20 51 00	Reducing sleeve 3/4" internal thread 1/2" external thread, galvanised
20 20 52 50	Reducing sleeve 1/4" external thread 3/8" internal thread, galvanised
20 20 58 04	Reducing sleeve 1/4" internal thread 1/8" internal thread, galvanised
00 02 35 85	Reducing sleeve 1" internal thread 3/4" internal thread, galvanised
20 20 55 00	Reducing sleeve 1 1/4" internal thread 1" external thread, galvanised



Spare parts

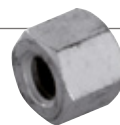
Part no.	Description		
Nuts			
20 11 84 14	Collar nut M12, galvanised		
20 20 99 21	Collar nut M16		
20 20 99 71	Cage nut for quick lock 14 x 1.5, galvanised		
20 20 79 50	Ring nut M8, galvanised		
20 20 79 00	Ring nut M16, galvanised		
20 20 62 01	Safety capped nut M6, galvanised		
20 20 66 03	Safety capped nut M8, galvanised	Ring nut M8	Ring nut M16
20 20 66 02	Safety nut M5, galvanised		
20 20 62 00	Safety nut M6, galvanised	Safety capped nut M6	Safety capped nut M8
00 03 92 33	Safety nut M8 A2 <i>Note: Without plastic insert</i>		
20 20 72 00	Safety nut M8, galvanised		
20 20 72 10	Safety nut M10, galvanised	Safety nut M5	Safety nut M6
20 20 89 00	Safety nut M12, galvanised		
		Safety nut M8 A2	Safety nut M8
			
		Safety nut M10	Safety nut M12

Spare parts

Part no. Description

Nuts

20 20 64 00	Hexagonal nut M8, galvanised	
20 20 63 99	Hexagonal nut M10, galvanised	p.u. = 10 pcs
00 09 63 49	Hexagonal nut M12, stainless steel	
20 20 69 00	Hexagonal nut M12, galvanised	p.u. = 10 pcs
20 20 99 20	Hexagonal nut M16	p.u. = 10 pcs



Hexagonal nut M8



Hexagonal nut M10



Hexagonal nut M12
stainless steel





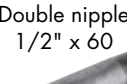
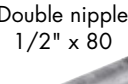



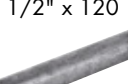
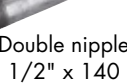
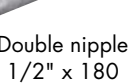


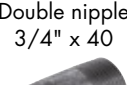
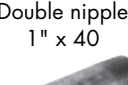


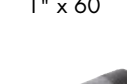
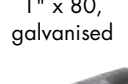



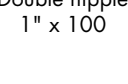



Hexagonal nut M12



Hexagonal nut M16

Spare parts

Part no.	Description		
Nipples			
20 20 32 12	Double nipple 1/4" x 40, galvanised		
		Double nipple 1/4" x 40	Double nipple 1/2" x 40
20 20 34 00	Double nipple 1/2" x 40, galvanised		
20 20 34 01	Double nipple 1/2" x 60, galvanised		
		Double nipple 1/2" x 60	Double nipple 1/2" x 80
20 20 34 10	Double nipple 1/2" x 80, galvanised		
20 20 33 00	Double nipple 1/2" x 100, galvanised		
		Double nipple 1/2" x 100	Double nipple 1/2" x 120
20 20 34 11	Double nipple 1/2" x 120, galvanised		
20 20 34 12	Double nipple 1/2" x 140, galvanised		
		Double nipple 1/2" x 140	Double nipple 1/2" x 180
20 20 34 14	Double nipple 1/2" x 180, galvanised		
20 20 32 07	Double nipple 3/4" x 40, galvanised		
		Double nipple 3/4" x 40	Double nipple 1" x 40
20 20 32 56	Double nipple 1" x 40, galvanised		
		Double nipple 1" x 60	Double nipple 1" x 80, galvanised
20 20 32 54	Double nipple 1" x 60, galvanised		
20 20 32 51	Double nipple 1" x 80, galvanised		
		Double nipple 1" x 80	Double nipple 1" x 100
20 20 32 58	Double nipple 1" x 80		
00 02 34 90	Double nipple 1" x 100, galvanised		
20 20 32 60	Double nipple 1 1/4" x 40, galvanised		

Spare parts

Part no.	Description		
Nipples			
00 00 17 92	Double nipple 1 1/4" x 60, galvanised		
20 20 32 70	Double nipple 1 1/4" x 80, galvanised		
20 20 32 55	Double nipple 2" x 40, galvanised		
20 20 32 52	Double nipple 2" x 60, galvanised		
20 20 32 81	Double nipple reduced 1/2" external thread 3/8" external thread		
20 20 32 02	Double nipple reduced 1/2" external thread 1/4" external thread		
20 20 32 82	Double nipple reduced 3/4" external thread 1/2" external thread		
20 20 32 11	Double nipple reduced 1" external thread 3/4" external thread		
20 20 32 22	Double nipple reduced 2" external thread 1" external thread		
00 03 60 54	Double nipple reduced 2" external thread 1 1/2" external thread		
20 20 37 10	Double nipple hexagonal 3/8", galvanised		
20 20 32 83	Double nipple hexagonal 1/4", galvanised		
20 20 32 80	Double nipple hexagonal 3/4", galvanised		
20 20 32 84	Double nipple hexagonal 1", galvanised		
00 04 66 28	Double nipple hexagonal 1" external thread aluminium		

Spare parts

Part no.	Description		
Nipples			
20 20 31 05	Nipple 1/2" conical, external thread with union nut 3/4"		
20 20 31 07	Nipple 1/2" flat, external thread with union nut 3/4"		
20 20 51 12	Reducing nipple 3/8" external thread 1/4" internal thread		
20 20 52 00	Reducing nipple 1/2" external thread 1/4" internal thread	Reducing nipple 3/8" external thread 1/4" internal thread	Reducing nipple 1/2" external thread 1/4" internal thread
20 20 53 00	Reducing nipple 1/2" external thread 3/8" internal thread		
20 20 51 10	Reducing nipple 3/4" external thread 1/2" internal thread		
20 20 51 11	Reducing nipple 3/4" external thread 1/2" internal thread, brass		
20 20 50 00	Reducing nipple 1" external thread 3/4" internal thread	Reducing nipple 1/2" external thread 3/8" internal thread	Reducing nipple 3/4" external thread 1/2" internal thread
20 20 54 00	Reducing nipple 1" external thread 1/2" internal thread		
00 02 35 81	Reducing nipple 1 1/4" external thread 3/4" internal thread, galvanised		
20 20 55 10	Reducing nipple 1 1/4" external thread 1" internal thread, galvanised	Reducing nipple 3/4" external thread 1/2" internal thread brass	Reducing nipple 1" external thread 3/4" internal thread
20 20 50 10	Reducing nipple 1 1/2" external thread 1" internal thread, galvanised		
20 20 58 01	Reducing nipple 2" external thread 1" internal thread, galvanised		
00 00 17 91	Reducing nipple 2" external thread 1 1/4" internal thread	Reducing nipple 1" external thread 1/2" internal thread	Reducing nipple 1 1/4" external thread 3/4" internal thread
20 20 33 10	Tube nipple 1/2" x 25, galvanised		
		Reducing nipple 1 1/4" external thread 1" internal thread	Reducing nipple 1 1/2" external thread 1" internal thread
			
		Reducing nipple 2" external thread 1" internal thread	Reducing nipple 2" external thread 1 1/4" internal thread
			
		Tube nipple 1/2" x 25	

Spare parts

Part no. **Description**

Round steel bow

20 20 99 85	Round steel bow M8 x 3/4" x 43, galvanised	p.u. = 10 pcs
20 20 99 86	Round steel bow M8 x 1", galvanised	



Round steel bow
M8 x 3/4" x 43



Round steel bow
M8 x 1"

Washers

20 20 93 10	Large diameter washer 6.4 x 18 x 1.5, galvanised	p.u. = 10 pcs
20 20 93 11	Large diameter washer 6.4 x 30 x 1.5, galvanised	p.u. = 10 pcs
20 20 93 20	Large diameter washer 8.4 x 25 x 1.5, galvanised	p.u. = 10 pcs
20 20 93 13	Washer B 8.4, galvanised	p.u. = 10 pcs
20 20 90 10	Washer B 10.5, galvanised	
20 20 90 00	Washer B 13, galvanised	p.u. = 10 pcs
00 03 59 67	Washer 13 (D=40/t=4), galvanised	
20 20 67 00	Washer B 17, galvanised	
20 20 93 15	Washer B 21, galvanised	p.u. = 10 pcs
20 20 93 22	Washer B 25, galvanised	



Large diameter washer
6.4 x 18 x 1.5



Large diameter washer
6.4 x 30 x 1.5



Large diameter washer
8.4 x 25 x 1.5



Washer B 8.4



Washer B 10.5



Washer B 13



Washer B 13
(D=40/t=4)



Washer B 17



Washer B 21



Washer B 25

Spare parts

Part no. Description

Screws

20 20 84 10	Eye screw M12 x 150, galvanised	
20 20 85 00	Eye screw M16 x 80, galvanised	
20 20 84 09	Eye screw M16 x 90, galvanised	
20 20 85 01	Eye screw M20 x 100, galvanised	
20 20 63 10	Flat head screw M6 x 16, galvanised	
20 20 78 11	Flat head screw M8 x 12, galvanised	
20 20 63 04	Saucer-head screw M6 x 16, galvanised	p.u. = 10 pcs
00 02 26 01	Saucer-head screw M6 x 20, galvanised	
20 20 63 09	Saucer-head screw M6 x 25, galvanised	p.u. = 10 pcs
20 20 63 08	Saucer-head screw M6 x 30, galvanised	p.u. = 10 pcs
20 20 63 14	Saucer-head screw M8 x 16, galvanised	p.u. = 10 pcs
20 20 63 22	Saucer-head screw M8 x 20, galvanised	
20 20 63 23	Saucer-head screw M8 x 25, galvanised	
00 40 59 28	Saucer-head screw M12 x 30, 8.8	



Eye screw
M12 x 150



Eye screw
M16 x 80



Eye screw
M16 x 90



Eye screw
M20 x 100



Flat head screw
M6 x 16



Flat head screw
M8 x 12



Saucer-head screw
M6 x 16



Saucer-head screw
M6 x 20



Saucer-head screw
M6 x 25



Saucer-head screw
M6 x 30



Saucer-head screw
M8 x 16



Saucer-head screw
M8 x 20



Saucer-head screw
M8 x 25



Saucer-head screw
M12 x 30

Spare parts

Part no. Description

Screws

20 20 59 03	Fillister head self-tapping screw 3.5 x 9.5, galvanised
20 20 99 78	Ring screw M8 x 13, galvanised
20 20 99 80	Ring screw M10 x 19, galvanised
20 20 99 70	Ring screw for quick closure, galvanised
00 03 90 46	Hexagonal screw M5 x 6, galvanised
20 20 71 07	Hexagonal screw M5 x 16, galvanised
00 05 51 57	Hexagonal screw M6 x 6, galvanised
20 20 70 01	Hexagonal screw M6 x 16, galvanised p.u. = 10 pcs
20 20 87 02	Hexagonal screw M8 x 10, galvanised
20 20 87 01	Hexagonal screw M8 x 16, galvanised p.u. = 10 pcs
20 20 61 00	Hexagonal screw M8 x 20, galvanised p.u. = 20 pcs
00 01 08 88	Hexagonal screw M8 x 25 A2
20 20 78 10	Hexagonal screw M8 x 25, galvanised p.u. = 10 pcs
20 20 78 00	Hexagonal screw M8 x 30, galvanised p.u. = 10 pcs
20 20 78 01	Hexagonal screw M8 x 35, galvanised p.u. = 10 pcs
20 20 78 06	Hexagonal screw M8 x 45, special shaft A2 p.u. = 10 pcs
00 02 33 82	Hexagonal wood screw M8 x 50, galvanised



Fillister head self-tapping screw 3.5 x 9.5



Ring screw M8 x 13



Ring screw M10 x 19



Hexagonal screw M5 x 6



Hexagonal screw M5 x 16



Hexagonal screw M6 x 6



Hexagonal screw M6 x 16



Hexagonal screw M8 x 10



Hexagonal screw M8 x 16



Hexagonal screw M8 x 25



Hexagonal screw M8 x 30



Hexagonal screw M8 x 25



Hexagonal screw M8 x 30



Hexagonal screw M8 x 35



Hexagonal screw M8 x 45, special shaft A2



Hexagonal wood screw M8 x 50

Spare parts

Part no. Description

Screws

00 00 90 52	Hexagonal screw M8 x 55, special shaft A2	
00 02 32 19	Hexagonal screw with shaft M8 x 60, galvanised	
20 20 77 00	Hexagonal screw M8 x 60, galvanised	p.u. = 10 pcs
00 00 82 63	Hexagonal screw M8 x 120, galvanised	
20 20 96 02	Hexagonal screw M10 x 20, galvanised	p.u. = 10 pcs
20 20 99 31	Hexagonal screw M10 x 25, galvanised	
20 20 75 01	Hexagonal screw M10 x 30, galvanised	p.u. = 10 pcs
20 20 96 01	Hexagonal screw M10 x 45, galvanised	p.u. = 10 pcs
20 20 99 61	Hexagonal screw M12 x 20, galvanised	p.u. = 10 pcs
20 20 99 63	Hexagonal screw M12 x 25, galvanised	p.u. = 10 pcs
20 20 68 01	Hexagonal screw M12 x 30, galvanised	p.u. = 10 pcs
20 20 99 62	Hexagonal screw M12 x 35, galvanised	p.u. = 10 pcs
20 20 99 68	Hexagonal screw M12 x 40, galvanised	
20 20 59 00	Hexagonal screw M12 x 50, galvanised	
20 20 88 90	Hexagonal screw M12 x 85, galvanised	p.u. = 10 pcs
00 09 63 48	Hexagonal screw M12 x 90, stainless steel	
20 20 99 66	Hexagonal screw M12 x 90, galvanised	
20 20 70 00	Hexagonal screw M12 x 100, galvanised	p.u. = 10 pcs
00 04 27 74	Hexagonal screw M12 x 240, galvanised	
20 20 78 21	Hexagonal screw M12 x 340, galvanised	



Hexagonal screw
M8 x 55,
special shaft A2



Hexagonal screw with
shaft M8 x 60



Hexagonal screw
M8 x 60



Hexagonal screw
M8 x 120



Hexagonal screw
M10 x 20



Hexagonal screw
M10 x 25



Hexagonal screw
M10 x 30



Hexagonal screw
M10 x 45



Hexagonal screw
M12 x 20



Hexagonal screw
M12 x 25



Hexagonal screw
M12 x 30



Hexagonal screw
M12 x 35



Hexagonal screw
M12 x 40



Hexagonal screw
M12 x 50



Hexagonal screw
M12 x 85



Hexagonal screw
M12 x 90, stainless steel



Hexagonal screw
M12 x 90



Hexagonal screw
M12 x 100










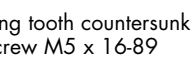





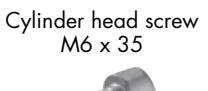
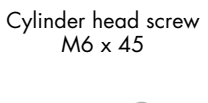



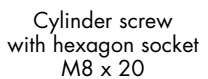
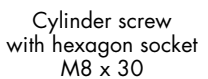


Hexagonal screw
M12 x 240



















Hexagonal screw
M12 x 340




















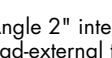
Spare parts

Part no.	Description		
Screws			
00 02 32 05	Hexagonal screw M16 x 100, galvanised		
20 20 81 00	Hexagonal screw M16 x 110, galvanised	p.u. = 10 pcs	
00 03 47 12	Hexagonal shoulder screw M12 x 28 twisted off		
00 00 81 49	Hexagonal shoulder screw M12 x 60 twisted off		
20 20 96 11	Countersunk screw with hexagon socket M4 x 12, galvanised		
00 52 14 00	Countersunk screw with hexagon socket M6 x 12, galvanised		
20 20 74 12	Countersunk screw M5 x 10, galvanised	p.u. = 10 pcs	
20 20 70 96	Countersunk screw M5 x 12, galvanised		
20 20 74 11	Locking tooth countersunk screw M5 x 16-89	p.u. = 20 pcs	
20 20 64 07	Cylinder head screw M5 x 10, galvanised		
20 20 64 02	Cylinder head screw M5 x 16, galvanised		
20 20 74 10	Cylinder head screw M5 x 80	p.u. = 10 pcs	
20 20 71 10	Cylinder head screw M6 x 20	p.u. = 10 pcs	
20 20 63 02	Cylinder head screw M6 x 35	p.u. = 10 pcs	
20 20 63 01	Cylinder head screw M6 x 45	p.u. = 10 pcs	
00 02 32 58	Cylinder screw with hexagon socket M6 x 16, galvanised		
20 20 97 11	Cylinder screw with hexagon socket M8 x 20, galvanised		
20 20 97 03	Cylinder screw with hexagon socket M8 x 30, galvanised	p.u. = 10 pcs	
			
			
			
			
			
			



















Spare parts

Part no.	Description		
Screws			
00 02 32 61	Cylinder screw with hexagon socket M8 x 50, galvanised		
20 20 97 14	Cylinder screw with hexagon socket M12 x 25, galvanised		
00 05 35 92	Cylinder screw with hexagon socket M12 x 60, galvanised		
20 13 47 02	Locking screw R 1/4"		
20 20 58 80	Locking screw 1/2", galvanised		
T-piece			
20 20 43 10	T-piece 1/4" internal thread 1/4" external thread 1/4" internal thread		
00 01 00 96	T-piece 3/8" internal thread 3/8" internal thread 3/8" external thread, galvanised		
20 20 45 21	T-piece 1/2" 1/2" 3/8" internal thread, galvanised		
20 20 43 00	T-piece 1/2" internal thread 1/4" internal thread 1/2" external thread, galvanised		
20 20 42 00	T-piece 1/2" internal thread 1/2" external thread 1/2" internal thread		
20 20 40 00	T-piece 1/2" internal thread 1/2" internal thread 1/2" external thread		
20 20 43 01	T-piece 1/2" 1/4" 1/2" internal thread		
20 20 45 20	T-piece 1/2" internal thread, galvanised		
20 20 41 31	T-piece 3/4" 1/4" 3/4" internal thread, galvanised		
20 20 41 22	T-piece 3/4" internal thread, galvanised		
20 20 41 60	T-piece 1" internal thread, galvanised		
20 20 41 50	T-piece 1" external thread, galvanised		
20 20 45 41	T-piece 1 1/4" 1 1/4" 1/2" internal thread		













Spare parts

Part no.	Description		
Screw joints			
20 19 59 02	Screw joint for spraying gun for decorative plaster		
20 20 37 12	Screw joint 1/4" external thread, brass, for pressure switch-off		
00 00 11 26	Screw joint 1/2", brass		
00 00 11 27	Screw joint 1", brass		
Elbow			
20 20 36 52	Angle 1/8" internal thread, galvanised		
20 20 36 03	Angle 3/8" internal thread-internal thread, galvanised	Angle 1/8" internal thread	Angle 3/8" internal thread
20 20 36 00	Angle 3/8" internal thread-external thread, galvanised		
20 20 36 50	Angle 1/4" internal thread-external thread, galvanised	Angle 3/8" internal thread-external thread	Angle 1/4" internal thread-external thread
20 20 36 02	Angle 3/4" internal thread-internal thread, galvanised		
20 20 36 01	Angle 3/4" internal thread-external thread, galvanised	Angle 3/4" internal thread	Angle 3/4" internal thread-external thread
20 20 36 10	Angle 1/2" internal thread-external thread, galvanised		
20 20 36 11	Angle 1/2" internal thread, galvanised	Angle 1/2" internal thread-external thread	Angle 1/2" internal thread
20 20 38 00	Angle 1/2" internal thread-external thread 45°, galvanised		
20 20 36 20	Angle 1" internal thread-external thread, galvanised	Angle 1/2" internal thread-external thread 45°	Angle 1" internal thread-external thread
00 02 26 56	Angle 1" internal thread-external thread 45°, galvanised		
20 20 35 30	Angle 1 1/4" internal thread-external thread, galvanised	Angle 1" internal thread-external thread 45°	Angle 1 1/4" internal thread-external thread
20 20 38 50	Angle 2" internal thread-external thread 45°, galvanised		
00 02 35 87	Angle 2" internal thread-external thread, galvanised	Angle 2" internal thread-external thread 45°	Angle 2" internal thread-external thread
20 20 46 20	Elbow distributor 3 x 1/2" internal thread		
20 20 37 03	Elbow union R 1/4" for air hose 8/6/1		






Spare parts

Part no.	Description		
Hose couplings			
00 21 20 16	Adapter coupling 13 female part 19 female part		
00 49 49 04	Adapter coupling 19 female part 25 male part		
00 25 07 14	Adapter coupling 19 female part Geka		
00 15 93 03	Adapter coupling 25 female part 13 female part		
00 20 04 00	Adapter coupling 25 female part 19 male part		
00 28 22 22	Adapter coupling 35 female part 25 female part	Adapter coupling Geka Ewo male part	
20 20 07 91	Adapter coupling 35 female part 50 male part		
00 22 82 75	Adapter coupling 50 female part 35 male part		
00 21 20 15	Adapter coupling 13 male part 19 female part		
00 22 20 11	Adapter coupling 19 male part Geka	Blind cover C DIN with chain	Blind cover B DIN with chain
20 20 03 30	Adapter coupling 35 male part 25 male part NW24		
00 09 92 06	Adapter coupling 50 male part 65 female part		
00 41 92 24	Adapter coupling Geka Ewo female part	Gasket 25 female part NW24	Gasket 35 female part
00 41 92 13	Adapter coupling Geka Ewo male part		
20 65 71 00	Blind cover C DIN with chain		
20 65 70 00	Blind cover B DIN with chain	Gasket 50 female part	Gasket coupling B-pressure-tight
20 19 96 00	Gasket 25 female part NW24		
20 20 07 12	Gasket 35 female part		
20 20 07 13	Gasket 50 female part	Gasket couplings B DIN	Gasket coupling 4" A-suction-tight
00 09 38 92	Gasket coupling B-pressure-tight		
20 65 84 00	Gasket coupling B DIN		
00 09 38 95	Gasket coupling 4" A-suction-tight	Gasket Geka coupling	Gasket coupling C DIN
20 20 17 00	Gasket Geka coupling		
20 65 82 00	Gasket coupling C DIN		
20 20 20 00	Ewo coupling female part 1/4" external thread		
00 00 26 76	Ewo coupling female part 3/8" external thread locking	Ewo coupling female part 1/4" external thread	Ewo coupling female part 3/8" external thread locking
20 20 20 02	Ewo coupling female part 1/2" external thread open		
20 20 20 01	Ewo coupling female part 1/2" external thread blocking	Ewo coupling female part 1/2" external thread open	Ewo coupling female part 1/2" external thread blocking
00 01 00 24	Ewo coupling, female part, 9 mm sleeve		
		Ewo coupling, female part, 9 mm sleeve	

Spare parts

Part no.	Description		
Hose couplings			
00 05 80 53	Ewo coupling male part 1/4" internal thread		
20 20 21 03	Ewo coupling male part 1/4" external thread	p.u. = 10 pcs	
20 20 21 01	Ewo coupling male part 3/8" external thread	p.u. = 10 pcs	
20 20 21 00	Ewo coupling male part 1/2" sleeve	p.u. = 10 pcs	
20 20 21 02	Ewo coupling male part 1/2" external thread		
00 01 00 23	Ewo coupling, male part, 9 mm sleeve		
20 65 66 00	Fixed coupling C DIN 1" internal thread		
20 65 65 00	Fixed coupling C DIN 1 1/4" internal thread		
20 65 65 10	Fixed coupling C DIN 1 1/4" external thread		
20 65 63 00	Fixed coupling C DIN 1 1/2" internal thread		
20 65 64 00	Fixed coupling C DIN 1 1/2" external thread		
20 65 61 00	Fixed coupling C DIN 2" internal thread		
20 65 61 01	Fixed coupling C DIN 2" external thread		
20 65 58 00	Fixed coupling B DIN 2" internal thread		
20 65 60 00	Fixed coupling B DIN 2 1/2" internal thread		
00 09 50 35	Coupling key Storz B-C with recess, galvanised		
			
			
			
			

Spare parts

Part no.	Description			
Hose couplings				
20 20 13 10	Geka coupling 3/8" internal thread	p.u. = 10 pcs	Geka coupling 3/8" internal thread	Geka coupling 3/8" external thread
20 20 10 00	Geka coupling 3/8" external thread	p.u. = 10 pcs		
20 20 16 00	Geka coupling 3/4" sleeve	p.u. = 10 pcs	Geka coupling 3/4" sleeve	Geka coupling 3/4" internal thread
20 20 12 00	Geka coupling 3/4" internal thread	p.u. = 10 pcs		
20 20 09 10	Geka coupling 3/4" external thread	p.u. = 10 pcs	Geka coupling 3/4" external thread	Geka coupling 1/4" internal thread
00 04 36 18	Geka coupling 1/4" internal thread			
20 20 13 20	Geka coupling 1/4" external thread		Geka coupling 1/4" external thread	Geka coupling 1/2" internal thread
20 20 13 00	Geka coupling 1/2" internal thread	p.u. = 10 pcs		
20 20 09 00	Geka coupling 1/2" external thread	p.u. = 10 pcs	Geka coupling 1" sleeve	Geka coupling 1/2" internal thread
20 20 15 00	Geka coupling 1/2" sleeve	p.u. = 10 pcs	Geka coupling 1" sleeve, rotatable	
20 20 11 00	Geka coupling 1" internal thread	p.u. = 10 pcs	Geka coupling 1 1/4" internal thread	
20 20 08 00	Geka coupling 1" external thread	p.u. = 10 pcs	Geka coupling 1 1/4" external thread	
20 20 16 10	Geka coupling 1" sleeve	p.u. = 10 pcs		
20 20 16 20	Geka coupling 1" sleeve, rotatable	p.u. = 10 pcs	Geka coupling 1 1/4" internal thread	Geka coupling 1 1/4" external thread
20 20 16 30	Geka coupling 1 1/4" internal thread			
20 20 16 40	Geka coupling 1 1/4" external thread		Geka coupling 1 1/4" internal thread	Geka coupling 1 1/4" external thread
00 02 13 42	Geka coupling 1 1/4" sleeve			
20 20 16 50	Geka coupling blind cover	p.u. = 10 pcs	Geka coupling 1 1/4" sleeve	Geka coupling blind cover
20 20 14 00	Geka coupling 9 mm sleeve	p.u. = 10 pcs	Geka coupling 9 mm sleeve	

Spare parts

Part no. **Description**

Hose couplings

00 08 60 18	Coupling 13 female part 1/2" external thread
00 10 24 91	Coupling 13 female part 1/2" internal thread 1/2" hole
00 20 03 97	Coupling 19 female part 3/4" external thread
00 20 03 98	Coupling 19 female part sleeve NW19
20 19 92 00	Coupling 25 female part 1" internal thread NW24 with gasket*
00 04 07 29	Coupling 25 female part 1" internal thread, aluminium, rotatable*
00 03 75 93	Coupling 25 female part 1" internal thread, aluminium 2 cam lever*
00 20 15 11	Coupling 25 female part sleeve (hydraulic)*
20 19 90 00	Coupling 25 female part sleeve NW24*
00 00 22 02	Coupling 35 female part NW34 (hydraulic)*
20 20 07 30	Coupling 35 female part 1" internal thread with gasket*
20 20 07 90	Coupling 35 female part 1 1/4" internal thread with gasket*
20 20 07 14	Coupling 35 female part sleeve NW34*
20 20 07 50	Coupling 50 female part/S 50 sleeve*
20 20 07 80	Coupling 50 female part 2" internal thread with gasket*
00 09 92 07	Coupling 65 female part 2 1/2" internal thread*
00 09 93 01	Coupling 65 female part with sleeve*
00 08 60 10	Coupling 13 male part 1/2" internal thread
00 20 03 96	Coupling 19 male part 1" internal thread
00 20 03 99	Coupling 19 male part sleeve NW19

* PFT **praktive tip**

Mortar hose couplings are a highly safety-related component in the immediate vicinity of the machine operator and as safety, they should be able to withstand at least 2.5 times the operating pressure.

The mortar hose couplings provided by PFT are designed to a maximum bursting pressure of 125 bar.

Apart from a few exceptions, all mortar hose couplings have been checked and certified by TÜV.



Coupling 13 female part 1/2" external thread



Coupling 13 female part 1/2" internal thread | 1/2" hole



Coupling 25 female part 1" internal thread NW24*



Coupling 25 female part 1" internal thread, aluminium, rotatable*



Coupling 25 female part 1" internal thread, aluminium 2 cam lever*



Coupling 25 female part sleeve (hydraulic)*



Coupling 25 female part sleeve NW24*



Coupling 35 female part NW34 (hydraulic)*



Coupling 35 female part 1" internal thread*



Coupling 35 female part 1 1/4" internal thread*



Coupling 35 female part sleeve NW34*



Coupling 50 female part/S 50 sleeve*



Coupling 50 female part 2" internal thread*



Coupling 13 male part 1/2" internal thread



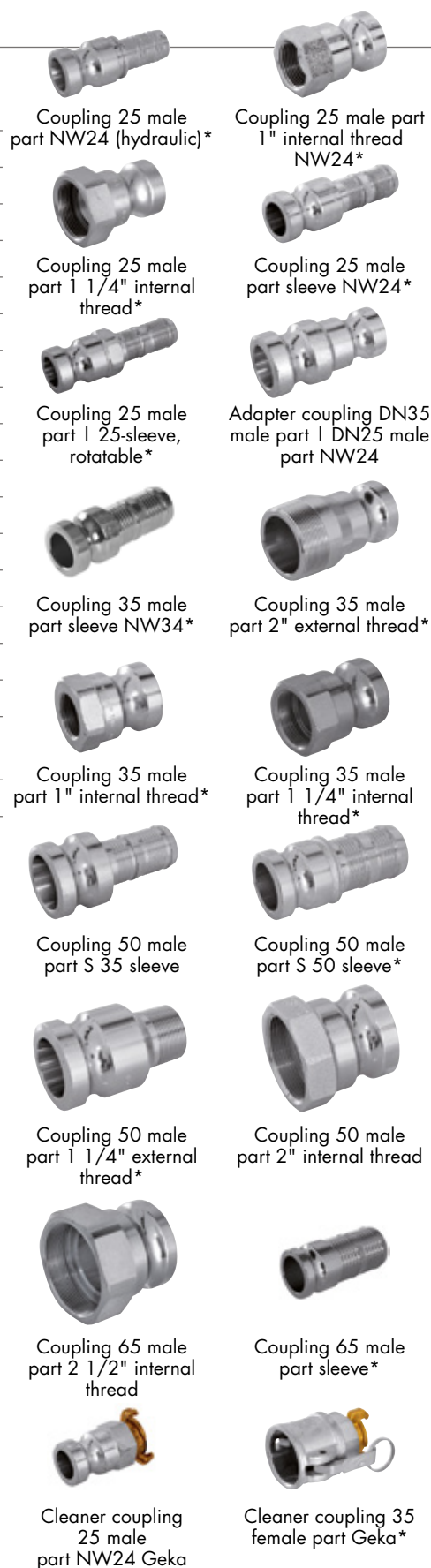
Coupling 19 male part 1" internal thread

Spare parts

Part no. **Description**

Hose couplings

00 20 15 08	Coupling 25 male part NW24 (hydraulic)*
20 19 93 00	Coupling 25 male part 1" internal thread NW24*
20 19 93 01	Coupling 25 male part 1 1/4" internal thread*
20 19 91 00	Coupling 25 male part sleeve NW24*
20 19 19 20	Coupling 25 male part 1 25-sleeve, rotatable*
20 20 03 30	Adapter coupling DN35 male part 1 DN25 male part NW24
20 20 07 21	Coupling 35 male part sleeve NW34*
20 20 07 41	Coupling 35 male part 2" external thread*
20 20 07 40	Coupling 35 male part 1" internal thread*
20 20 07 95	Coupling 35 male part 1 1/4" internal thread*
20 20 07 70	Coupling 50 male part 1 S 35 sleeve
20 20 07 60	Coupling 50 male part 1 S 50 sleeve*
20 20 07 93	Coupling 50 male part 1 1/4" external thread*
20 20 07 81	Coupling 50 male part 2" internal thread
00 09 62 55	Coupling 65 male part 2 1/2" internal thread
00 09 93 00	Coupling 65 male part sleeve*
20 19 95 00	Cleaner coupling 25 male part NW24 Geka
20 20 03 10	Cleaner coupling 35 female part Geka*



* PFT **praktive** tip

Mortar hose couplings are a highly safety-related component in the immediate vicinity of the machine operator and as safety, they should be able to withstand at least 2.5 times the operating pressure.

The mortar hose couplings provided by PFT are designed to a maximum bursting pressure of 125 bar.
















Apart from a few exceptions, all mortar hose couplings have been checked and certified by TÜV.



Spare parts

Part no. Description

Hose couplings

20 65 75 00	Reducer coupling C to B			Reducer coupling C to B	Reducer coupling C to B
20 65 74 00	Reducer coupling NE-standard B				
20 65 54 00	Saugkupplung C-50 passage 45 mm			Suction coupling C-50 passage 45 mm	Suction coupling C sleeve 52
20 65 50 00	Suction coupling C sleeve 52				
20 65 53 00	Suction coupling C sleeve 45 for fabric hose			Suction coupling C sleeve 45 for fabric hose	Suction coupling C 32 sleeve for rubber conveying hose
20 65 52 00	Suction coupling C 32 for rubber conveying hose				
20 20 16 81	High-pressure suction coupling 3/4" external thread with gasket			High-pressure suction coupling 3/4" external thread	High-pressure suction coupling 3/4" sleeve
20 20 16 80	High-pressure suction coupling 3/4" sleeve with gasket				
20 20 16 70	High-pressure suction coupling 1/2" sleeve with gasket				
20 20 16 90	High-pressure suction coupling 1" sleeve with gasket				
20 20 16 91	High-pressure suction coupling 1" external thread with gasket			High-pressure suction coupling 1/2" sleeve	High-pressure suction coupling 1" sleeve
20 20 05 00	Cam lever with circlip			Cam lever with circlip	
20 20 06 00	Dowel pin for mortar coupling 6 x 30 <i>Note: For 25 coupling</i>			Dowel pin 6 x 30	Dowel pin 6 x 40
20 20 06 10	Dowel pin 6 x 40 <i>Note: For 35/50/65 coupling</i>				

Identification key – General overview

Air compressors Identification key

Description	COMP
Type	P (Piston) M (Membran) R (Rotation)
Power (l/min)	250
Volt	400
Phases	3 Ph
Hertz	50 Hz

Examples

COMP M-250-X0 handy, 400 V, 3 Ph, 50 Hz
 COMP P-200, 230 V, 1 Ph, 50 Hz
 COMP R-80, 230 V, 1 Ph, 50 Hz

Spray nozzle Identification key

Spraying cap CONICAL S – Ø 16 mm = S16

Spraying cap FLAT – Ø 16 mm = F16

Airless nozzle Identification key

517 – 5 = 50° Nozzle angle

Rule of thumb for determining the spray width
 $5 \times 5 = 25 \text{ cm}$

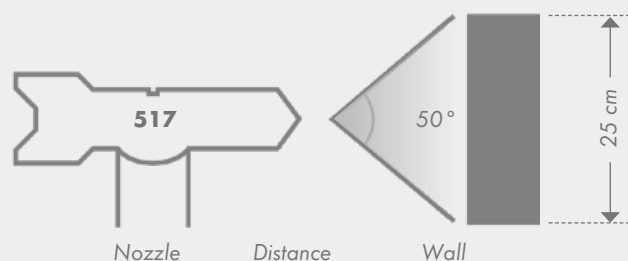
517 – 17 = 0,017" = 0,43 mm Nozzle opening

Spraying guns Identification key

Description	Spraying gun
Grout connection – rotating	DN25-360°
Spray nozzle	S14
Length – cranked	700-30°
Air supply	Geka

Examples

Spraying gun DN25-360° S14 600-30° Geka
 Spraying gun DN25 F14 200 Geka
 Spraying gun powercoat DN13 VA4 750 Ewo
 JETSET pro DN25 Ewo
 ZARGOMAT pro DN25-360°



List of abbreviations

Nominal width DN

Depends on the volume flow rate and the flow velocity, and has no measuring unit. The internal diameter can be set as the approximate value.

Internal thread



External thread



C-coupling

Quick coupling



Geka

Quick coupling



Ewo

Quick coupling



Sockets and connections

CEE 16 A, 110 V

2-pin + protective conductor



CEE 32 A, 230 V, 3 Phases

3-pin + protective conductor + neutral conductor



CEE 32 A, 230 V, 1 Phase

3-pin + protective conductor + neutral conductor



CEE 32 A, 400 V, 3 Phases

3-pin + protective conductor + neutral conductor



CEE 16 A, 230 V, 3 Phases

3-pin + protective conductor + neutral conductor



CEE 16 A, 230 V, 1 Phase

2-pin + protective conductor



CEE 16 A, 400 V, 3 Phases

3-pin + protective conductor + neutral conductor



Connections to the PFT control cabinet

CEE 16 A, 400 V, 3 Phases

3-pin + protective conductor + neutral conductor



CEE 16 A, 230 V, 3 Phases

3-pin + protective conductor






CEE 16 A, 230 V, 1 Phase

1-pin + protective conductor + neutral conductor controlled






CEE 16 A, 400 V, 3 Phases


3-pin + protective conductor






CEE 16 A, 230 V, 1 Phase



1-pin + protective conductor + neutral conductor continuous current



 **Socket remote control cable**



 **CEE 16 A, 230 V**



Product and performance features – General overview

You can identify the performance features and unique selling propositions of the individual PFT products from the assigned pictograms.

	Easy operation <p>Our machines are characterised by easy handling, easy transport and easy accessibility for maintenance and cleaning. Language-neutral controls ensure that our technology is self-explanatory across the world.</p>
	Easy cleaning <p>We develop solutions so that essential cleaning work can be carried out as easily and quickly as possible. Easy-to-clean plastic and rubber surfaces are also included just as much as well-thought-out constructions, in which no material gets stuck in dead spots.</p>
	Quality "Made in Germany" <p>More than 50 years of experience in the grout technology stands for quality, reliability and longevity. Our machines are very well-reputed in the market. Our PFT G 4 is the most popular proof of performance.</p>
	Worldwide service <p>Do you have any questions? Our PFT employees on the technical hotline will advise you quickly and competently. Are you at the construction site and need assistance? We are also available for you directly at the site and are on hand across the world with help and advice.</p>
	230 volts standard power sockets <p>Ideal for all restoration and renovation work with standard power sockets. You will be thrilled by the performance regardless of whether you connect your machine to a 230 V socket or you work with frequency converter technology.</p>
	230/400V switchable <p>PFT enables you to increase your flexibility. It doesn't matter whether you have a 230 V socket or a site connection of 400 V, the powerful machines of PFT make it possible.</p>
  	Mains frequency <p>We cater to our customers' requirements across the world. That's why we are offering you PFT machine technology in 60 Hz and 50 Hz as well as 110 V-models.</p>
	Temperature <p>Friction causes heat and this has a negative impact on the rubber of the stator. Therefore, the PFT TWISTERS are equipped with a corresponding rubber compound and a quick heat dissipation.</p>
	Power consumption <p>Optimised, reduced power consumption, be it in PFT machines or pump systems.</p>
 	Clampable / Maintenance-free <p>Stators with integrated clamp or slotted stators with an external clamp: In case of decreasing conveying pressure, these stators are simply retightened. Maintenance-free stator "Ready-to-go" – the pre-set tension allows immediate use.</p>

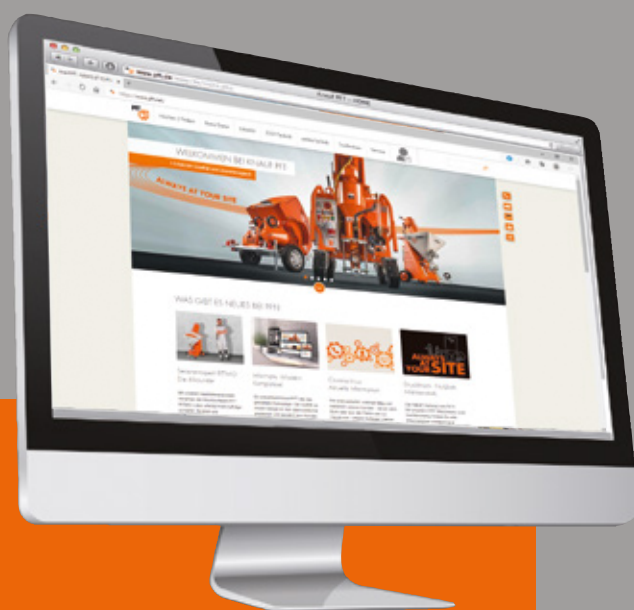
	Control voltage in 42 volts <p>In order to minimise electrical interferences caused by contamination of the contacts inside the control cabinet as much as possible, we have set the control voltage of our machines to 42 V. This helps to reduce the downtimes.</p>
	Open system <p>An open system of PFT consists of a horizontal or batch mixer and a conveying pump. The key advantage is that the mixed grout can still be examined and possibly corrected before the pumping process. This is pivotal for some grout mixtures.</p>
	Closed system <p>In a closed system, you can mix and pump in one operation with only one compact mixing pump. This proven technology ensures the best mixing and conveying with minimum cleaning and maintenance work.</p>
	Rubber mixing zone <p>The interchangeable and long-lasting rubber mixing zone for the easy and thorough cleaning of your PFT machine. Ideally suited for processing adhesive mortar. Cakings can be easily knocked off. Can be retrofitted in all PFT G-mixing pumps as an affordable wear part.</p>
 	Hose length/Conveying distance <p>The abrasion-resistant PFT material hoses for screeds, plasters and grouts with a long service life. Available in various lengths and designs. 20 m is possible with the small PFT RITMO L. Our PFT G 4 manages up to 65 m</p>
	Mixing quality <p>Special know-how on all kinds of materials, close cooperation with the material manufacturers and accessories that are perfectly matched to the machines coupled with our technology enables us to achieve a unique quality of mixtures.</p>
	Service life <p>The longer service life of the PFT pump systems not only delights the user, but also the environment.</p>
	Pressure stability <p>Rubber deformations often lead to higher wear and reduce the pressure stability. The steel flanks in PFT TWISTER support the rubber and prevent deformations in pressure.</p>
   	Performance and Quality features <p>From left to right: Corn embedding, corn size, performance l/min, pressure range</p>
	<p>Experience selected PFT machines in detail with the 360° view. www.pft.net/360</p>
	<p>The protection of your health is important to us: The dusts that are extracted during mixing, milling or sawing land directly in the integrated filter bag instead of in your lungs with the help of our M class dust remover by a filter separation performance of up to 99.9%. Up to 80% less dust with the PFT DUSTCATCHER.</p>
	<p>Tried and tested on construction sites, supportive and handy – these are the spare parts and accessories of PFT.</p>

PFT – ALWAYS AT YOUR SITE

We supply the world with innovative machine technology from Iphofen in Lower Franconia. PFT employees and sales partners across the world ensure that you receive the best advice and are looked after - before and after purchasing your PFT machine. Thanks to our dense service network, you benefit from contact persons in the local language and short distances.

The PFT world revolves around you.

Contact persons are available in all countries, who are familiar with your market and can provide you with the best support. In this way, we guarantee you optimum service - from Argentina to Zambia. We are there for you everywhere.



Always up-to-date with PFT

Programmed in the future:
Communication, Information, Service: www.pft.net
Visit this website around the clock to obtain
information about our products and application
technology.



* Due to the lack of the ULC approval, Knauf PFT is currently not distributing/selling any machines and other parts to USA and Canada. Interested? Get in touch with us.



PFT Plant Iphofen

Germany

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Algeria	Colombia	Hong Kong	Lebanon	Oman	Spain
Angola	Costa Rica	Hungary	Libya	Panama	Sweden
Argentina	Croatia	Iceland	Lithuania	Philippines	Switzerland
Armenia	Cyprus	India	Luxembourg	Poland	Syria
Australia	Czech	Indonesia	Malaysia	Portugal	Taiwan
Austria	Denmark	Iran	Maldives	Qatar	Thailand
Azerbaijan	Dominican	Iraq	Malta	Republic	Tunisia
Bahrain	Ecuador	Ireland	Mexico	Republic of Kosovo	Turkey
Belarus	Egypt	Islands	Moldova	Republic of Macedonia	Ukraine
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Adhesive tape	08_06	Product performance features	10_03
Agitator	from 06_15	Plasterer's hatchet	08_05
Air compressors	from 07_10	Plastic bucket	08_04
Air hose	07_31	Pressure flange	from 06_16
Bag squeezer	07_26	Pressure gauge	07_34
Bend	09_03	Pressure tester	07_34
BOLERO	02.3_07	Product performance features	from 10_03
BOLERO FC-230V	02.3_08	Purging hose	07_29
Booster pumps	from 07_07	Remote control cable	07_33
Bushings	09_04	RITMO L FC-230V plus – B 4–2	02.2_14
Cleaning shaft	07_35	RITMO L FC-230V plus – SD 6–3	02.2_21
Consistency checking tin	08_08	RITMO L FC-230V plus powercoat	02.2_11
Consistency checking tube	07_15	RITMO XL	02.2_33
Conveying hose	07_32	RITMO XL FC-230/400V	02.2_34
Corner trowels	08_05	RITMO XL FC-230V	02.2_42
Curved trowel	08_04	RONDO	from 07_28
Delivery hood	07_27	ROTOMIX I ROTOQUIRL	from 06_15
Dummy plug	09_03	Rotor/Stator system	from 06_01
Dust remover	07_24	Round file	08_04
DUSTCATCHER	07_24	Round steel bow	09_10
Edge trimming plane	08_04	Scratch for plasters	08_05
Elbow	09_16	Scratching tool for rendering	08_05
EUMAX	01_11	Screw joints	09_16
Extension cable	07_33	Screws	from 09_11
Extension hopper	07_25	SILOJET	01_15
External vibrator	07_05	SILOMAT DF Q (for pressure silo)	01_14
Featheredge	08_06	SILOMAT trailer (for gravity-fed silo)	01_11
Finishing trowel	08_06	SILOMAT trans plus	01_12
Float	08_03	SILOMAT trans plus bag	01_13
Floating trowel	08_05	SILOMAT XXL-D	01_16
Floor screed broom	08_08	Smoothing trowel	08_06
Floor screed levelling pin	08_08	Spare parts	from 09_02
G 4	02.1_24	Sponge balls	07_31
G 4 FC-230/400V	02.1_37	Sponge float	08_03
G 4 FC-230V	02.1_32	Spray nozzles for cleaning	07_15
G 4 smart	02.1_16	Spray nozzles for spraying gun airless	07_15
G 4 super	02.1_38	Spray nozzles for spraying guns	07_14
G 4 XL	02.1_47	Spraying gun for adhesive mortar	07_22
Hauling bracket	07_35	Spraying gun for concrete primer	07_19
Hawk	08_03	Spraying gun for concrete restoration	07_19
High-pressure hose	07_29	Spraying gun for decorative plaster	07_19
HM 2002	03_13	Spraying gun for finishing coat	07_19
HM 2006	03_19	Spraying gun for insulating plaster	07_20
HM 24	03_15	Spraying gun for plaster and grout	from 07_17
HM 5 super	03_27	Spraying gun for skim coat	07_21
Hose couplings	from 09_17	Spraying guns for fillers	07_23
Identification key List of abbreviations	10_01	Spraying guns for paint	07_23
Injection hood	07_26	Spraying set for finishing coat	07_22
Levelling bar for floor screed	08_08	Spraying set for plaster and grout	07_22
Levelling roll	08_08	Stucco featheredge	08_04
LOTUS XL	03_21	Stucco saw	08_04
LOTUS XL FC-230V	03_24	Suction flange	from 06_15
LOTUS XL light	03_25	SWING L	05.1_16
LOTUS XS	03_11	SWING L airless	from 05.1_29
Margin trowel	08_05	SWING L FC-230V	05.1_23
MINICUT	from 07_03	SWING M FC-230V	05.1_09
Mixing shaft	07_36	Tap	09_03
Mixing tube cleaner	07_35	Taping spatula	08_03
Multi-function spray	07_15	Threaded pin	09_04
MULTIMIX	from 04_05	T-piece	09_15
Nipples	from 09_07	Tripod for floor screed	08_08
Nuts	from 09_05	Twin adapter	07_25
Paper roll	08_06	Washers	09_10
Plaster comb	08_03	Water flow meter	07_34
Plaster screed	08_03	Water hose/air hose	07_30
Plaster trowel	08_05	Water pumps	from 07_07
Plasterer's hatchet	08_05	ZP 3 L	05.2_18
Plastic bucket	08_04	ZP 3 M	05.2_11
Pressure gauge	07_34	ZP 3 XL	05.2_24
Pressure tester	07_34	ZP 3 XXL	05.2_32

TWISTER

...like a hurricane!

Long-lasting. Maintenance-free. Pressure-resistant.

- Keeps on going on and on
- Ready-to-go - ready for use immediately after installation
- Can withstand any pressure
- Simply gets more done
- Tackles the tasks at hand in a cool way



ALWAYS AT YOUR SITE





Individual customer service - worldwide and always close to you

PFT guarantees high quality of products, innovative technology, verified safety, short delivery periods and individual customer service, which leaves nothing to be desired. Therefore, you can obtain PFT products only from trained and authorised PFT retailers. This helps us to ensure that you receive the all-round qualified

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APP: PFT – Plastering Technology

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