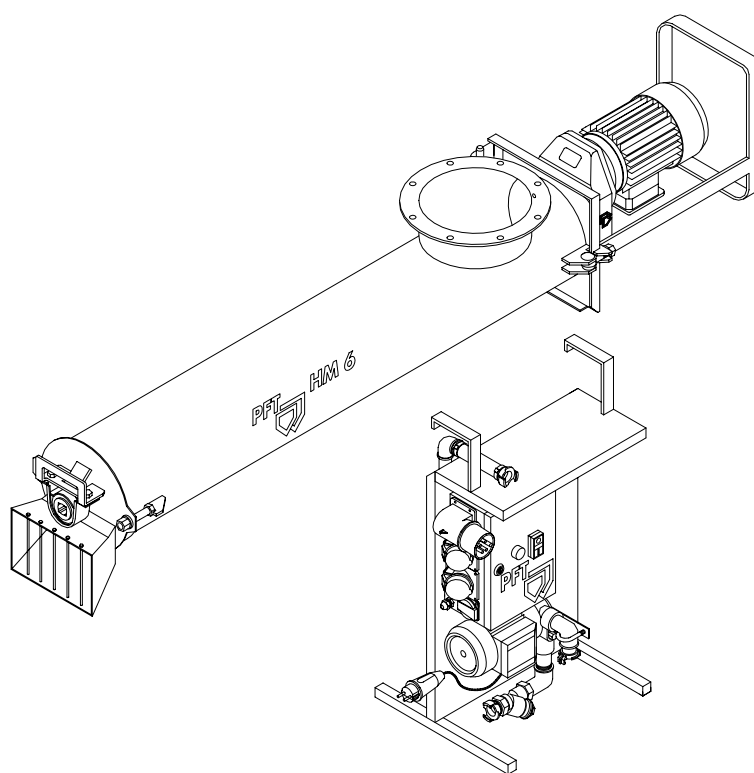


OPERATING INSTRUCTIONS

ART.NO 00056896

SCREW MIXER

PFT HM 6 400V TITAN



WE KEEP THINGS MOVING



Dear Customer

Congratulations! You have just made a quality purchase.

The PFT HM 6 is a state-of-the-art machine designed to withstand the tough conditions of construction sites.

Always keep this manual with the machine. The manual provides you with vital information about the machine's functions. Read the manual thoroughly before you operate the machine. PFT will not be liable for accidents and malfunctions that are caused by incorrect operation. Proper operation and maintenance will make the PFT HM 6 dependable construction aid.

The PFT HM 6 abides by the stringent safety standards of the German Builder's Guild and has been granted the Guild's certification of approval.

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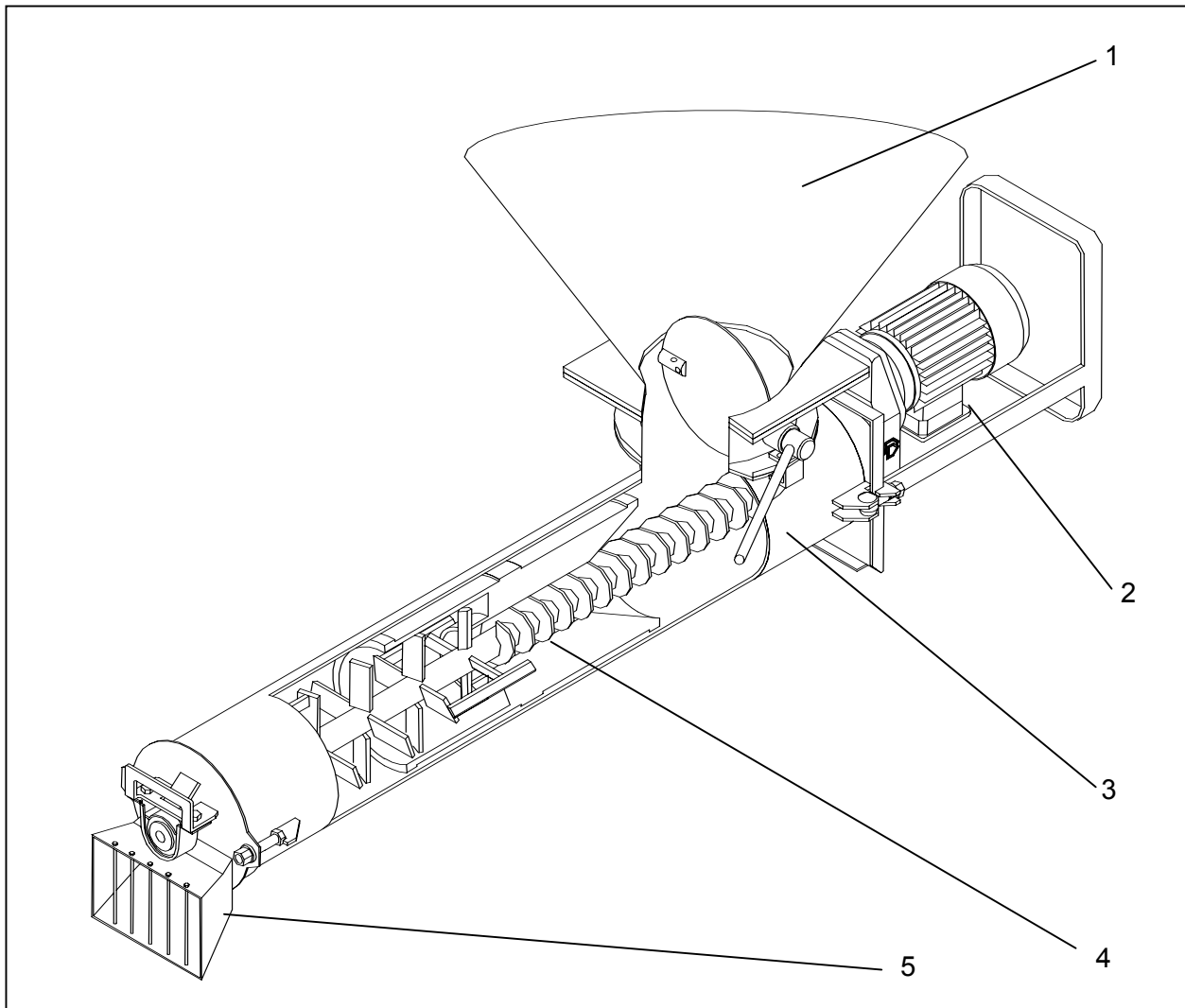
First inspection after delivery

It is mandatory that all delivery technicians check the machine settings at the end of the first running operation. Factory settings can change during the initial phase of operation. If necessary, resetting should take place right after initial run, without which faults are likely to set in.

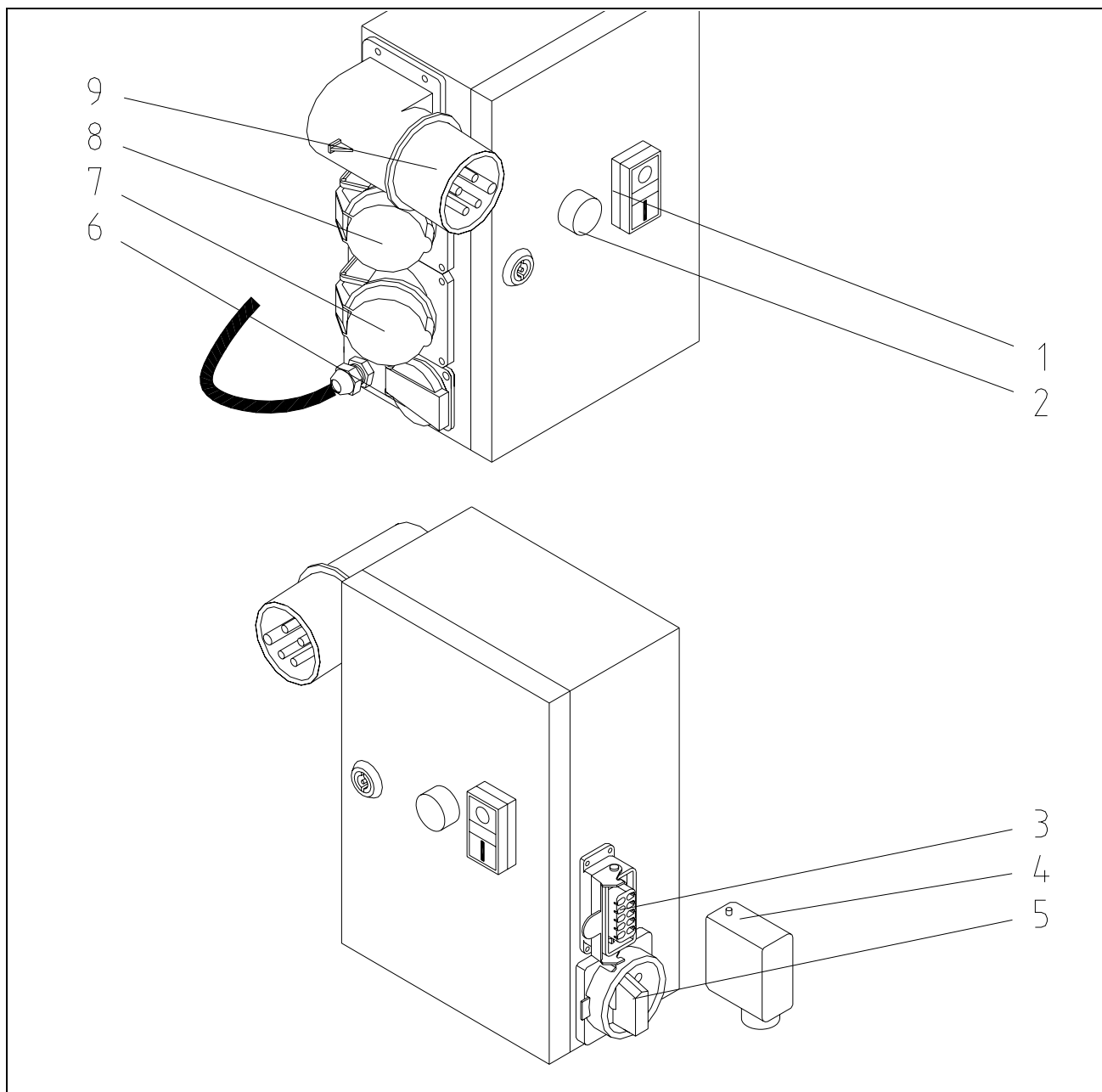
After handing over the machine and approx. two hours into the initial operation, delivery technicians must inspect the following items and settings:

1. Water safety switch
2. Solenoid valve
3. Pressure reducing valve
4. Motor safety switch^

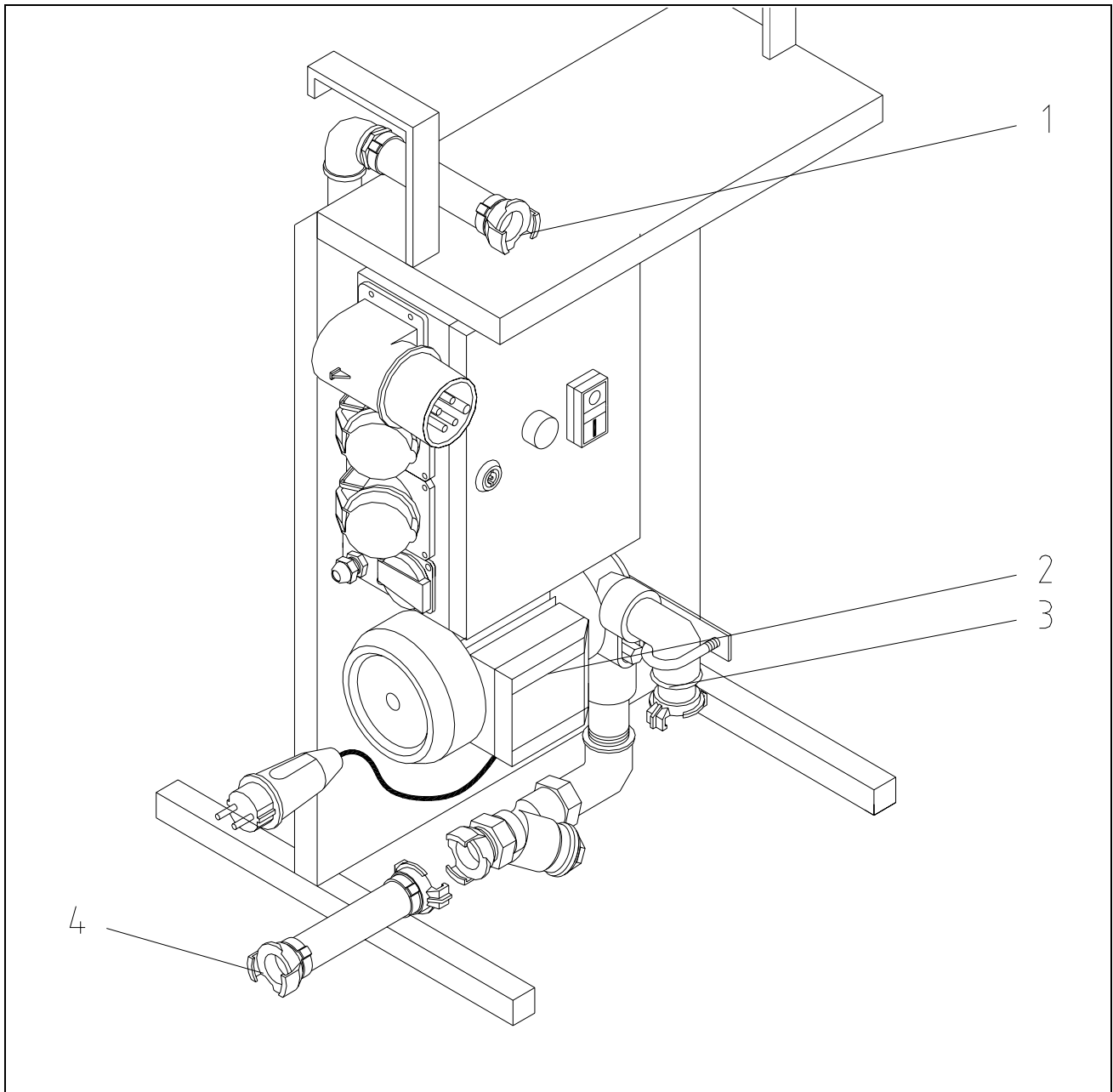
| | |
|--|----|
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- 1 Silo with flap
- 2 Mixing motor
- 3 Mixing tube
- 4 Dosing – mixing shaft
- 5 Mortar flange



- | | | | |
|---|---------------------------------------|---|---------------------------|
| 1 | Display lamp : on / off | 6 | Schuko – socket 230V, 16A |
| 2 | Display lamp : Direction off rotation | 7 | Socket : vibrator 16A |
| 3 | Socket : KPS 1 probe | 8 | Socket : mixer 16A |
| 4 | Blind plug 10 pin | 9 | Socket for mains 16A |
| 5 | Main reversing switch | | |



1 Water to mixing tube

2 High pressure pump AV3

3 Water to flow meter

4 Water connection from mains or tank

PFT HM 6 is a horizontal continuous screw mixer for factory-blended dry mortars e.g.
masonry mortar
outdoor cement plasters (for rendering)
scratch coat

The PFT HM 6 is a silo machine.

The machine consists of individual portable components whose handy dimensions and low weight allow for quick and easy transportation.

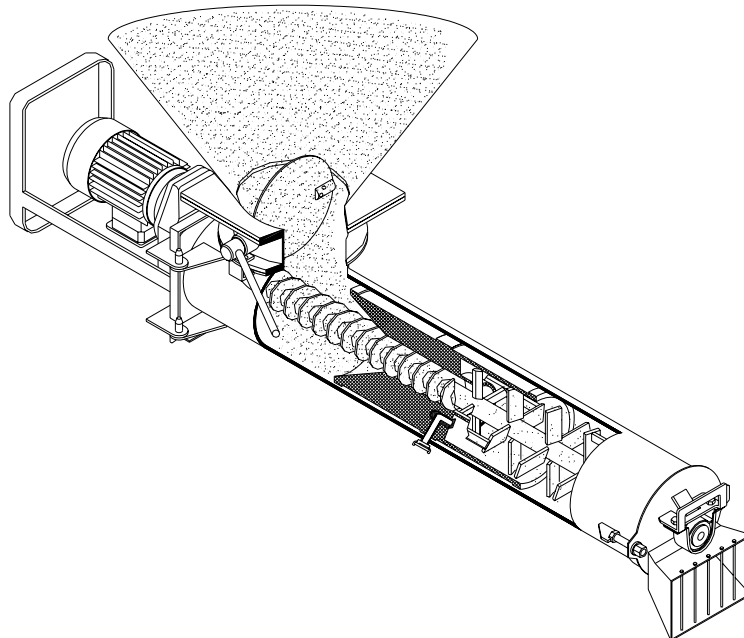
NOTE THE FOLLOWING CONNECTIONS WHILE OPERATING:

1. Electrical Panel - Main Switch
2. Water Mains - Water Manifold
3. Water Manifold - Mixing Tube

The PFT HM 6 is a new generation machine based on a modular concept. Use the snaps to remove or fit on various dosing mixing shaft easily.



FOLLOW ALL MATERIAL MIXING INSTRUCTIONS FROM MORTAR MANUFACTURER!



The following terms and symbols are used in this manual to highlight important information:



NOTE:

Information for running the machine efficiently.



WARNING!

Precautionary information for the prevention of accidents.

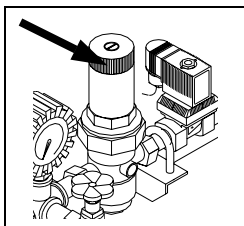
WARNING!

The machine should only be operated in perfect working conditions. Comply with all safety instructions in this manual! Rectify all defects and faults immediately. Proper machine operation includes full compliance with all operating instructions, carrying out specified inspections, and complying with maintenance instructions.

The most important safety instructions follow. **Please read them thoroughly** Comply with these instructions in order to get reliable quality service from the machine.

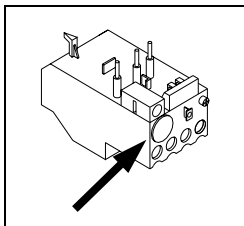
1. Follow all safety instructions on the machine. Ensure that all instructions are legible
2. Inspect the machine once every shift for visible damages and defects. Stop operating the machine immediately if you notice any changes in safety or operating behaviour. Notify a supervisor immediately.
3. Do not make any changes to the machine that can jeopardise its safety. Always consult the machine dealer first. Do not tamper with the machine by equipping it with extra "safety devices."
4. All spare parts must conform to our technical specifications. Only use spare parts manufactured by PFT.
5. Only trained personnel should operate the machine. Clearly designate all lines of responsibility for operation, equipping maintenance and repairs.
6. Technicians undergoing training in the operation of the machine should be supervised by experienced personnel.
7. Only qualified personnel should work on the machine's electrical system. All electrical work should only take place under the supervision of a qualified electrician and should comply with electors-technical safety regulations.
8. Observe all instructions for switching the machine on and off. Watch display lamps for signals.
9. When the machine is completely switched off for maintenance and repair work, ensure that it cannot switch back on accidentally. Do this by switching off the main switch, removing the key or by attaching a warning sign to the main switch.
10. Before cleaning the machine with a water jet, seal all openings that can be damaged through water, e.g. electrical motors and control boxes, thoroughly. After cleaning remove all seals and covers.
11. Use only original fuses with prescribed amps.
12. If work has to be carried out on a voltage-conducting component, a second technician should stand by to switch off mains in case of an emergency.
13. Disconnect the machine from the mains before you move it, even if you are only moving it a short distance. Reconnect the machine to the mains properly before starting up again.
14. Set up the machine on stable ground. Secure it from rolling away or moving during operation.
15. Depressor all conveying systems before dismantling them.
16. Have the machine inspected at once a year by a qualified person. The machine should also be inspected otherwise as required.
17. Use protector for eyes, ears, head, hands, feet's





Pressure Reducer

1,5 bar at 2500 l/h (maximum throughput)



Motor safety switch

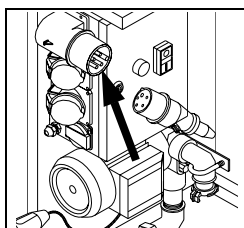
10 – 16A for mixer and vibrator

Setting Up the Machine

Assemble the machine as follows:

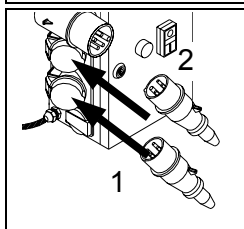
- Set up the HM 6 straight
- Insert the mixing - dosing shaft
- Mount mixing tube and secure it on the hopper with snaps

Power Supply



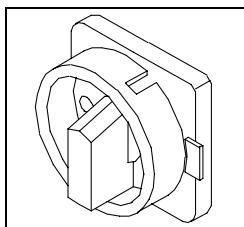
- As per VDE regulations, connect the machine only to one electrical panel with FI safety switch
- Use a power cable 5 x 2,5 mm² with CEE plug 400 V, 5 x 16 A, 6h (Item no. 20 42 33 50)

Connect power cable



Connect vibrator (1)
Connect mixer (2)

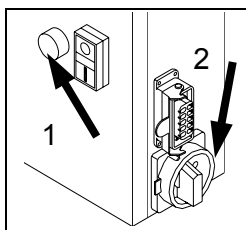
The PFT HM 6 is equipped with a phase display that will light up if the direction of rotation is wrong. With the right phase order, the mixing shaft should rotate clockwise.



If the direction of rotation is wrong, follow these instructions:

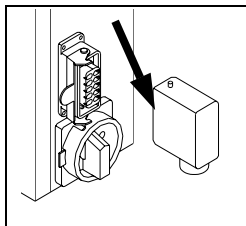
You can lock the main reversing switch by pushing the direction plate either to the right or to the left. With that you have chosen the direction of rotation. If the switch is turned to the left , it can be turned back to O, but not to the right side. The figure printed on the plate shows you in what position the switch is locked

KPS1

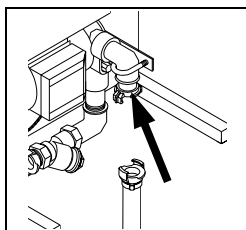


The HM 6 is created for KPS 1 operation.

To work with KPS 1 connect 10 pin plug.

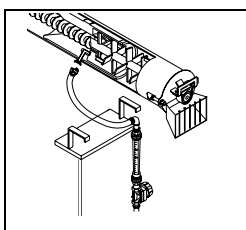


To work without KPS 1 connect the blind plug.



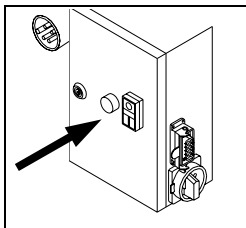
Water Supply

- Connect a 3/4" hose to water mains. Open water discharge valve slightly. Let water run through the hose to dearest and clean it. Wait till water comes out of the hose
- Shut off water discharge valve
- Connect water hose to water inlet on the machine (dirt filter)
- Open the water mains.



Connect water

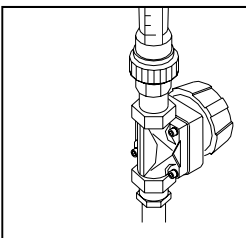
From water tap (tank) to booster pump
From booster pump to water manifold
From water manifold to mixer



WARNING

While using stored water from a tank, connect the suction inlet with a filter (Item no. 00 00 69 06).

The machine is now on stand by.
After touch the green button the machine works.
For a test run use the blind plug.
When the machine is working connect the KPS 1 probe.



Mortar Consistency

Adjust the needle valve in such a way that the machine emits trowel-suited mortar at the mortar outlet.

NOTE:

Follow all material mixing instructions of the mortar manufacturer!

Interrupting Work

The length of a break during operation will depend on the material and on the conditions at the construction site (e.g. temperature, humidity etc.).



How can you avoid or rectify problems with the PFT HM 6?

| Fault | Cause | Solution |
|---|--|---|
| Machine does not start!! | Power <ul style="list-style-type: none">- Power connection in order?- Proper connection to electrical panel?- FI safety switch activated?- Main switch on? | Check faults and rectify |
| Machine does not start! | Material <ul style="list-style-type: none">- Too much thick material in the hopper or mixing area?- Material too dry in mixing tube? | Rectify faults. If needed, empty hopper by half and start mixing process all over again No water supply |
| Machine does not start! | Water <ul style="list-style-type: none">- Solenoid valve (membrane opening) clogged?- Solenoid coil faulty?- Pressure reducing valve shut off?- Water inlet at mixing tube clogged?- Needle valve shut off?- Cable to solenoid valve faulty? | Check and rectify faults |
| Mixer motor does not start! | <ul style="list-style-type: none">- Mixer motor faulty?- Connecting cable faulty?- Plug or mounted socket faulty?- Motor safety switch faulty or activated? | Check and rectify faults |
| Water flow cannot be increased! | <ul style="list-style-type: none">- Dirt filter clogged?- Filter on pressure reducer clogged?- Hose or water connection too small?- Suction connection at water tank too weak or too long? | Clean or replace filters Increase size of water connection Attach water booster pump |
| Mortar stops flowing! | <ul style="list-style-type: none">- Poor mortar mix in mixing tube?- Dosing tube is damp, material is congealing and blocking the dosing area? | Add water If this does not help, clean dosing shaft; dry inlet at mixing tube and start process all over again |
| Fluctuation in mortar consistency-"thick/thin"? | <ul style="list-style-type: none">- Too little water?- Pressure reducing valve adjusted wrongly or faulty?- Dosing and/or mixing shafts worn out?- Power supply cable too long or too weak?- Too little material in hopper? | Regulate water supply Replace faulty parts |



WARNING!

Assembly and maintenance tasks should only take place when the machine has been switched off completely. Disconnect the machine from the electrical mains.

On a regular working day, clean the HM 6 only once at the end of operation.

Cleaning should take place in the following 3 steps:

1. When you finish work close the butterfly valve.
2. Let the system run till clean water is coming out (approx. 2 min)
3. Clean the hopper on the outside with a brush or dry mop. Use water to clean the hopper **only** when it is **empty**.
4. Clean the hopper on the outside with a brush or dry mop. Use water to clean the hopper **only** when it is **empty**.

WARNING!

No water should enter the bearings or electrical parts (plug, main switch, motor connections box).

While assembling cleaned parts, make sure they are really dry and clean. Connect mixing shaft to dosing shaft.



WARNING!

Keep all snap locks and seals clean. Grease bearing tang and connectors regularly.



At subzero temperatures release all water!

Measures for Power Failure

The PFT HM 6 equipped with a restart lock. After a power failure switch on the machine at the main switch for operation.

Measures for Water Supply Failure

In case of a water supply failure, the PFT HM 6 will keep on running without mixing the material. As soon as the fault is rectified, the HM 6 will mix material quite normally again.



Measures for Subzero Temperatures

Empty the water manifold of the PFT HM 6 completely at subzero temperatures

- Depressure water connection and decouple it
- Open taps on manifold

Transport

- Disconnect power cable
- Depressure water connection and decouple it
- Dismantle machine components and transport them individually

Maintenance

WARNING!

Disconnect all power cables to carry out maintenance or assembly work.

After every operation, check the following parts for defects: bearings, hauling bracket, all connectors, hose connections and power cable connections.

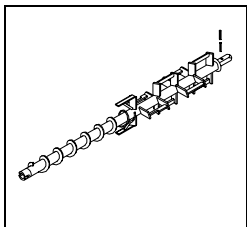
Remove and clean the dirt filter in the water inlet and in the pressure reducer at least once every two weeks. Replace them, if necessary.

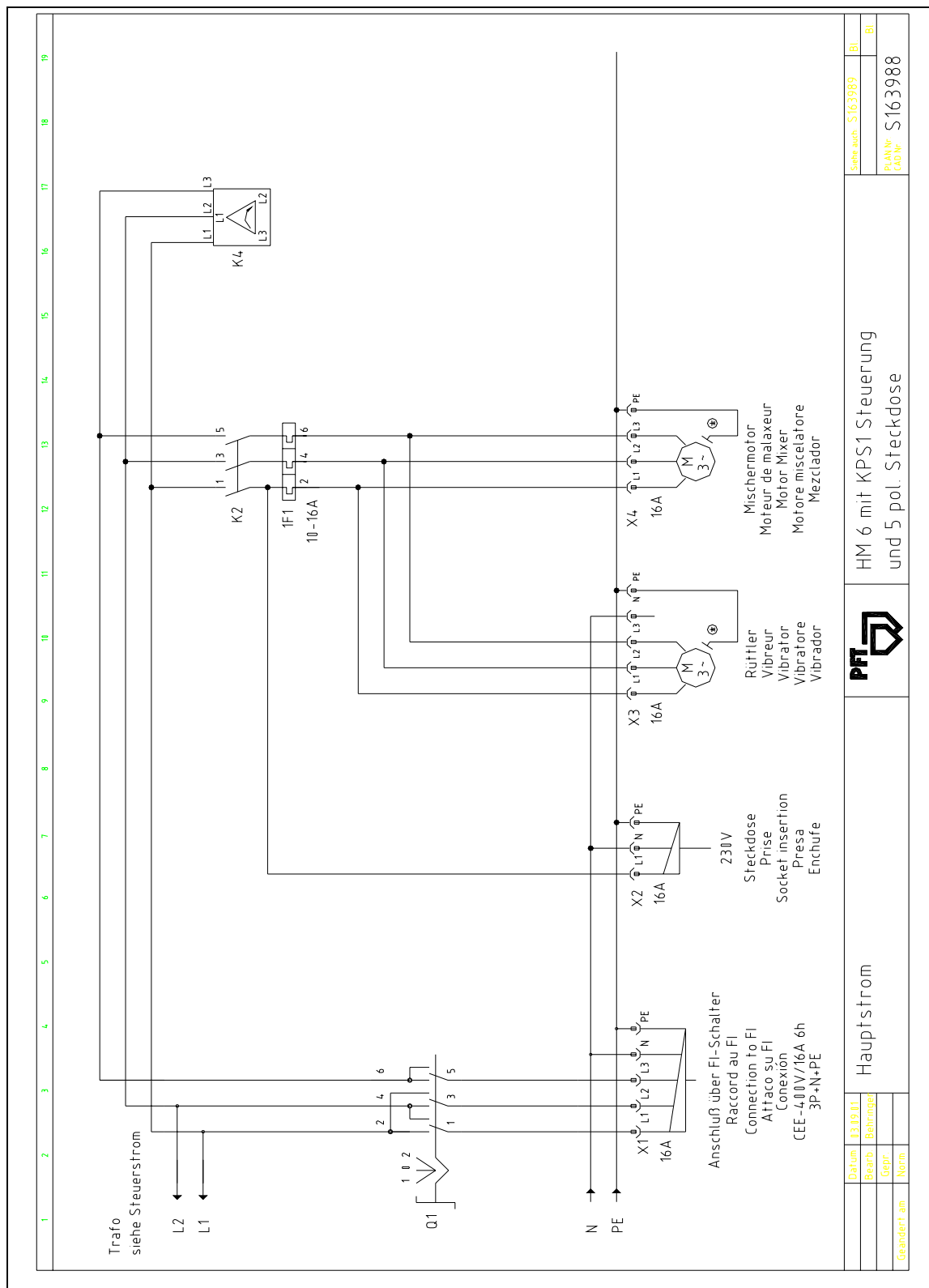
Accessories

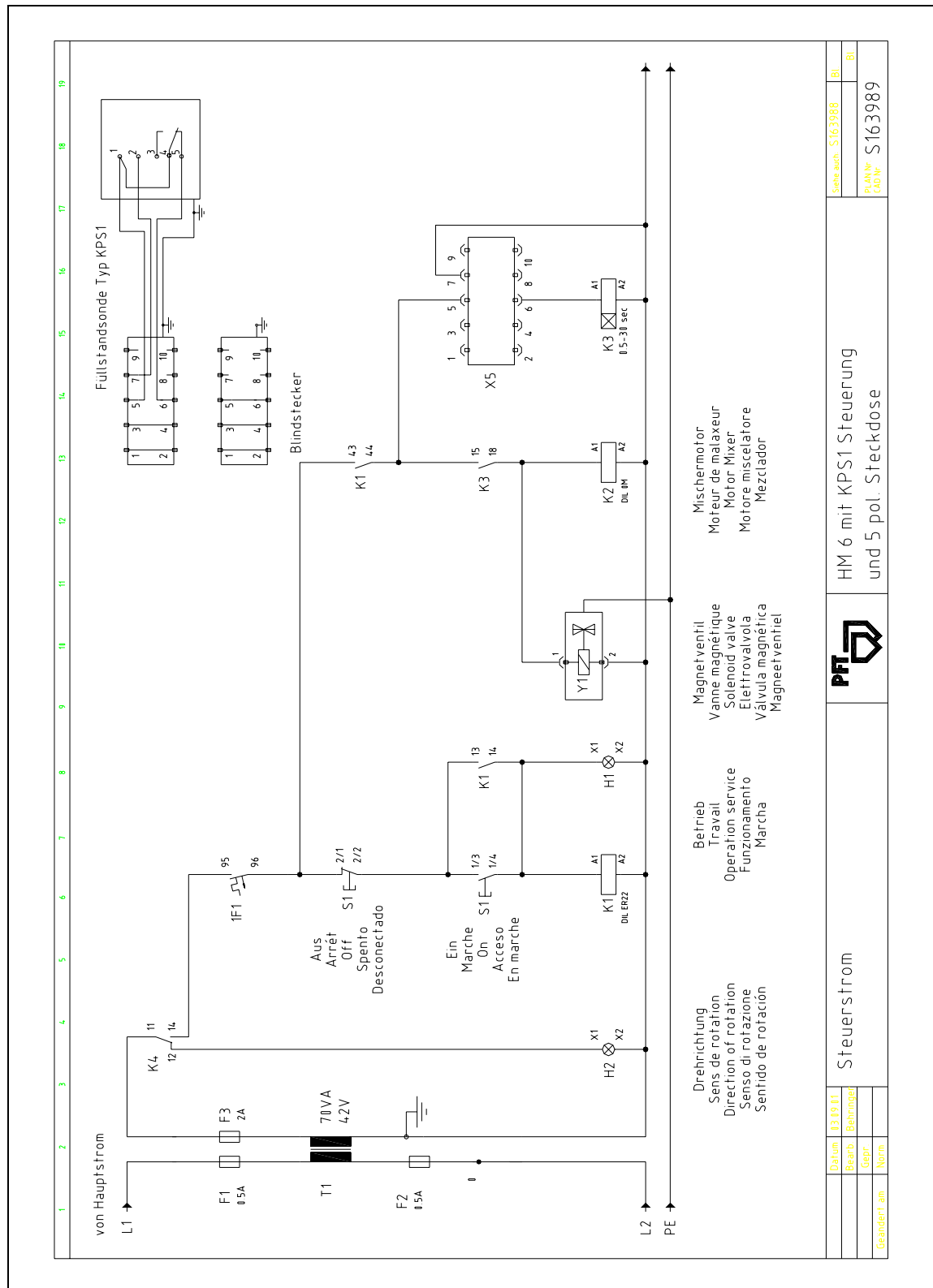
PFT Dosing mixing shaft

Dosing mixing shaft 45 l / min , item no 00 04 62 74

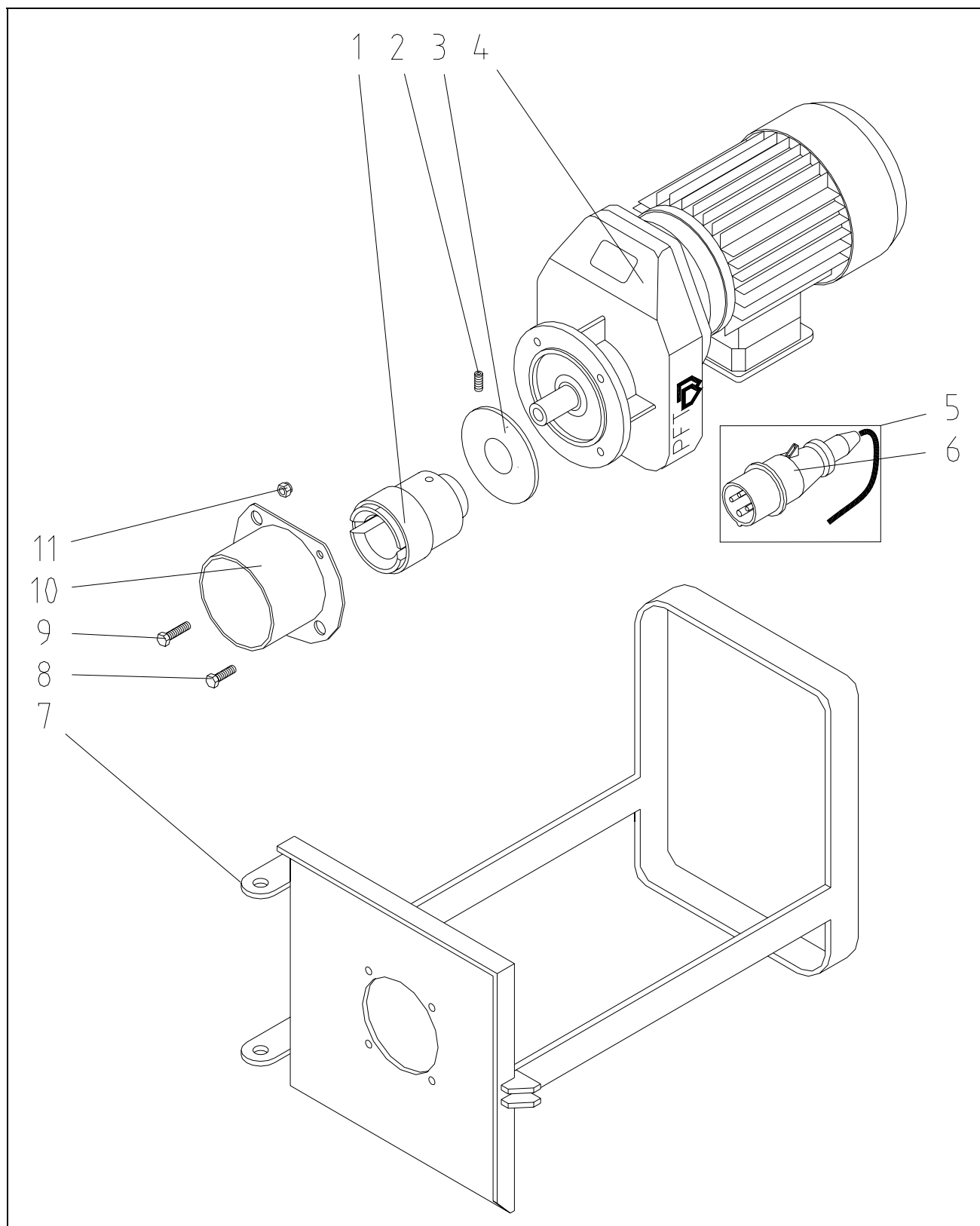
Dosing mixing shaft 60 l / min , item no 00 04 58 45



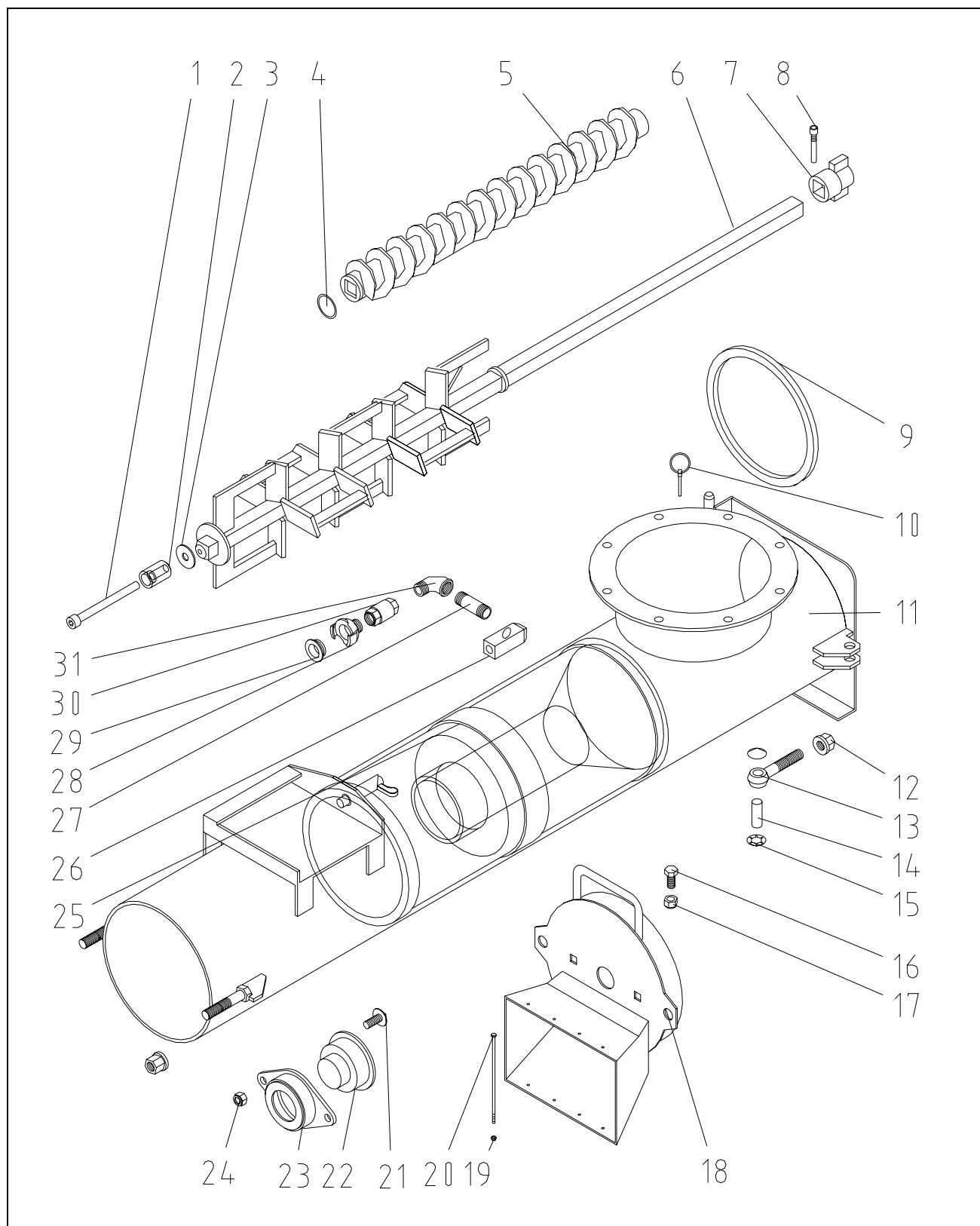




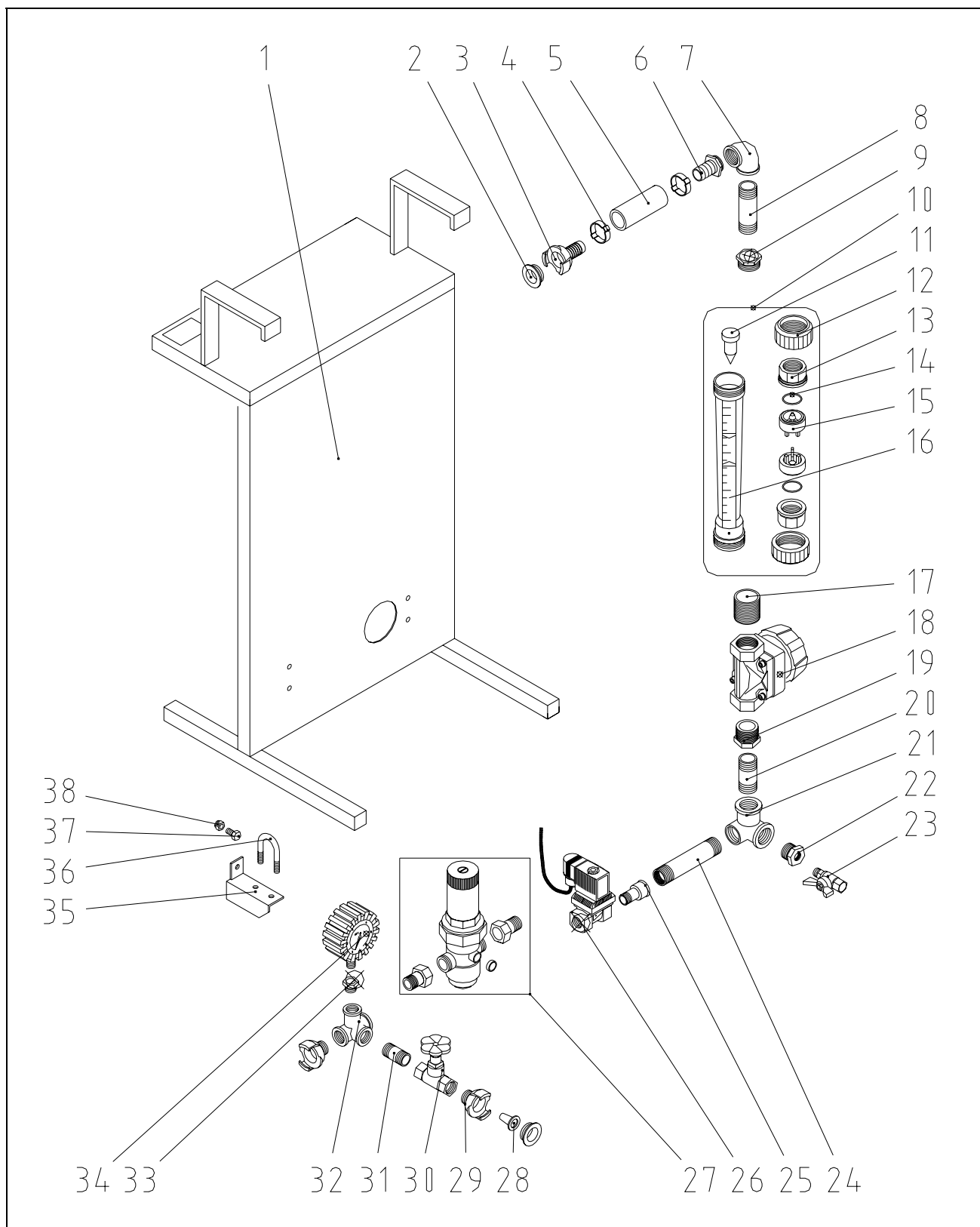
| | |
|--|----|
| Spare part list: Drive unit | 17 |
| Spare part list: Mixing tube unit | 19 |
| Spare part list: Water manifold unit | 21 |
| Spare part list: Water booster pump..... | 23 |
| Spare part list: Control unit | 25 |
| Spare part list: Level sensor | 27 |



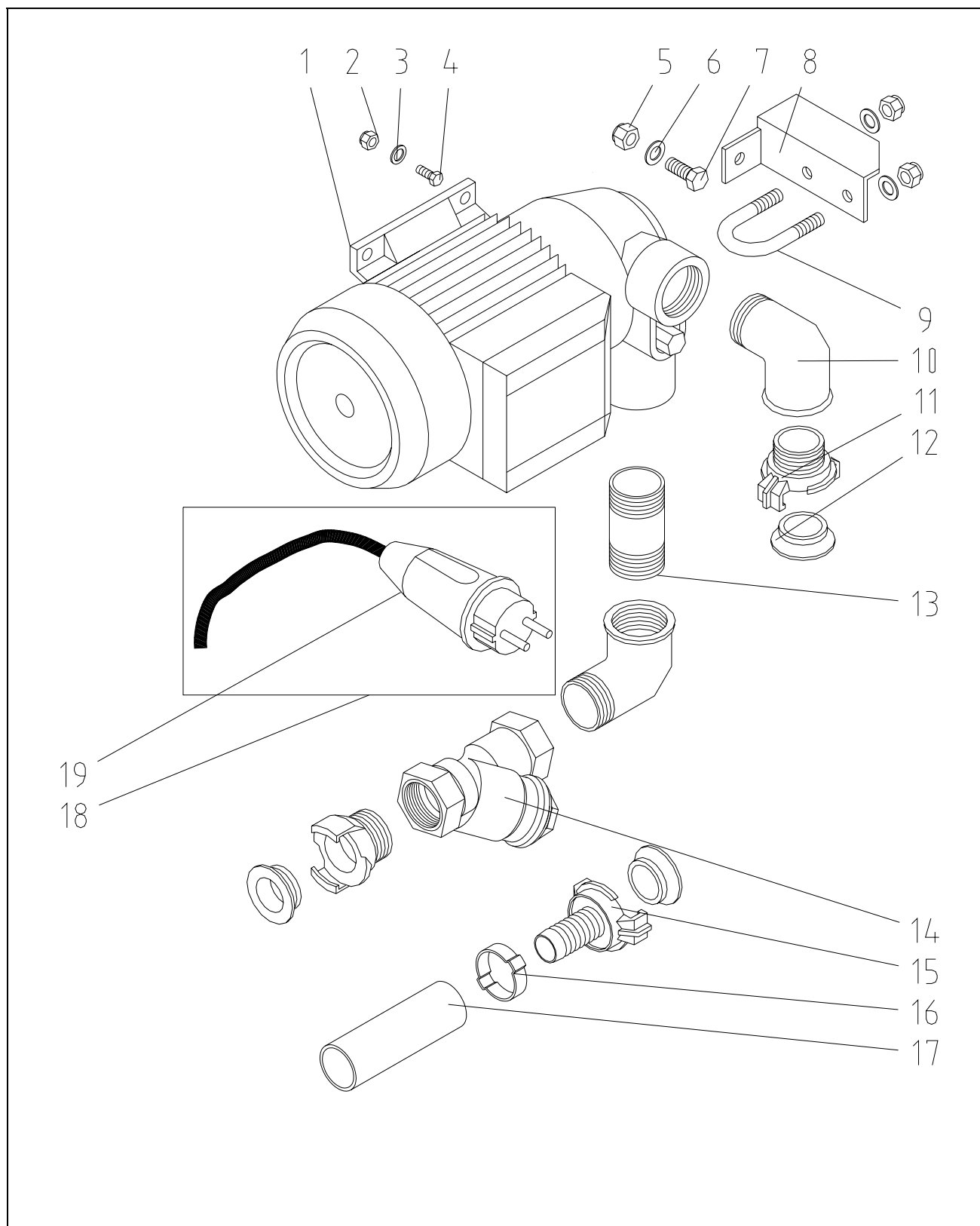
| Item | Qtl. | Art.-No. | Description |
|-------------|-------------|-----------------|---|
| 1 | 1 | 20 54 57 01 | Hauling bracket HM3/HM5 25 mm boring with ring |
| 2 | 1 | 20 20 96 03 | Threaded pin hex. socket. M8 x 20 DIN 916 galv. |
| 3 | 1 | 20 54 57 02 | Sealing ring for gearbox D 107 x 40 x 5 |
| 4 | 1 | 00 04 65 40 | Gear motor 5,5 kw, 286 rpm |
| 5 | 1 | 00 04 04 16 | Motor connection cable 1,6m CEE 4x16A |
| 6 | 1 | 20 42 87 00 | Plug CEE 4 x 16A 7h black no. 253 |
| 7 | 1 | 00 04 65 43 | Motor flange |
| 8 | 1 | 20 20 78 10 | Hex. screw M8 x 25 DIN 933 galv. |
| 9 | 1 | 20 20 78 00 | Hex. screw M8 x 30 DIN 933 galv. |
| 10 | 1 | 20 10 29 05 | Guard for hauling bracket HM 3/HM 5 |
| 11 | 1 | 20 20 72 00 | Safety nut M 8 DIN 985 galv. |



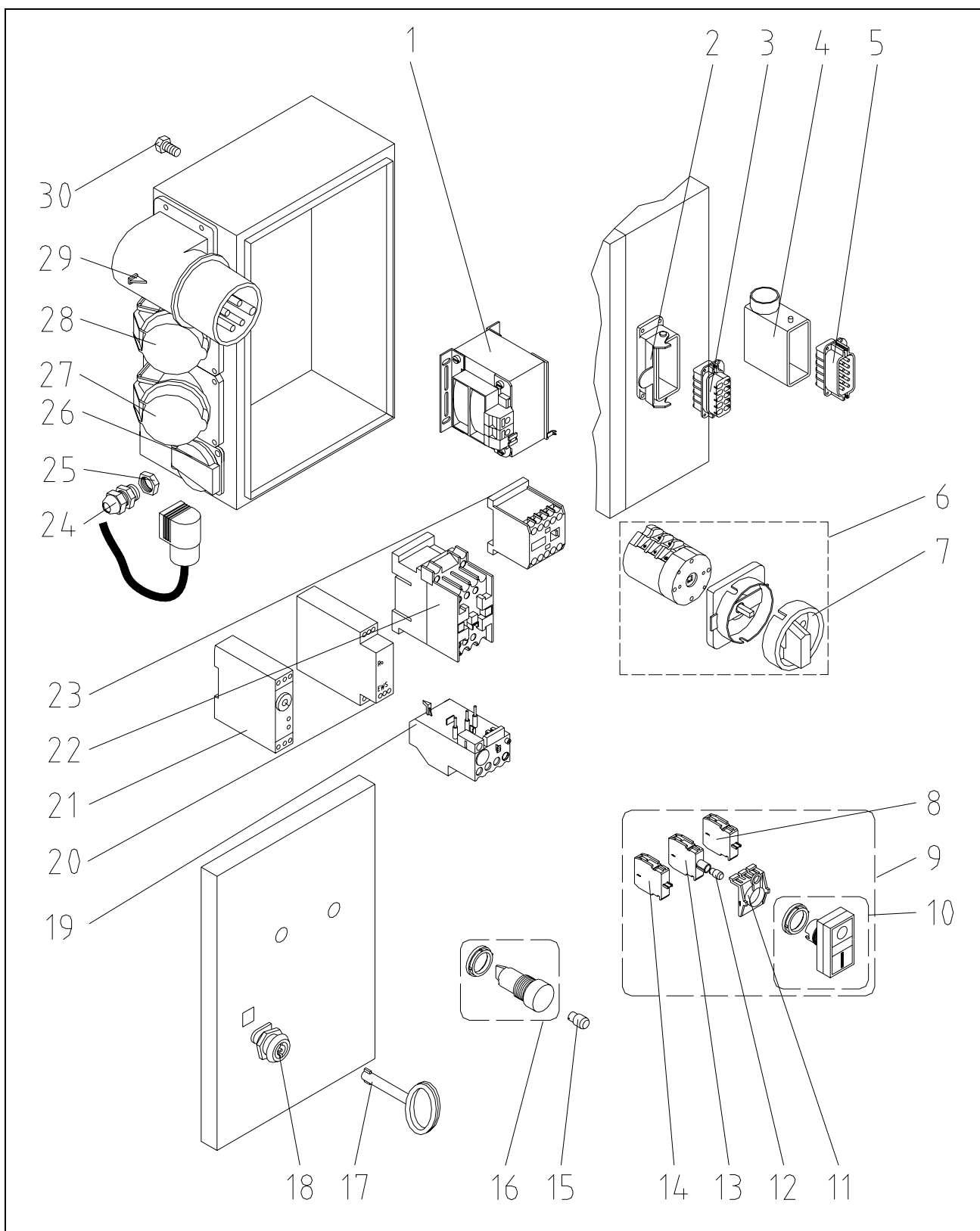
| Item | Qtl. | Art.-No. | Description |
|------|------|-------------|--|
| 1 | 1 | 00 05 35 92 | Zylinderschraube Innenskt. M12 x 60 verz |
| 2 | 1 | 00 05 35 87 | Wellenadapter für Gummiaußenlager |
| 3 | 1 | 00 03 59 67 | U-SCHEIBE 13 (D=40/t=4)verz.DIN522 |
| 4 | 1 | 20 19 63 24 | O-Ring 43 x 3 DIN 3770-NBR 70 |
| 5 | 1 | 00 04 77 04 | Dosiersegment 90 L HM 6 RAL2004 |
| 6 | 1 | 00 04 76 62 | Mischwelle f Dosierw. wechs HM 6 RAL2004 |
| 7 | 1 | 00 04 76 94 | Mitnehmerklaue Dosi-Mischwe HM 6 RAL2004 |
| 8 | 1 | 00 02 32 61 | Zylinderschraube Innenskt. M8 x 50 verz. |
| 9 | 1 | 20 10 11 00 | Dichtung Auslauföffnung G 4 Moosgummi |
| 10 | 1 | 20 10 10 10 | Klappsplint D 4,5 mit Ring |
| 11 | 1 | 00 03 99 56 | Mischrohr HM 6 RAL2004 |
| 12 | 3 | 20 20 99 21 | Bundmutter M16 DIN 6331 verzinkt |
| 13 | 1 | 20 20 85 00 | Augenschraube M16 x 80 DIN 444 verz. |
| 14 | 1 | 20 70 58 02 | Bolzen A16 H11 x 50 St verz. 1,5 x 30° |
| 15 | 2 | 20 20 86 04 | Schnellbefestiger m. Kappe 16s x N 2 7 |
| 16 | 2 | 20 20 99 63 | Skt.-Schraube M12 x 25 DIN 933 verz. |
| 17 | 2 | 20 20 89 00 | Sicherungsmutter M12 DIN 985 verz. |
| 18 | 1 | 00 03 99 60 | Mörtelauslaufflansch HM 6 RAL2004 |
| 19 | 4 | 20 20 62 03 | Sicherungsmutter M4 DIN 985 verz. |
| 20 | 4 | 00 04 03 42 | Skt.-Schraube M4 x 170 Dünns DIN 931 ver |
| 21 | 2 | 00 04 51 37 | Flachrundschrabe M12 x 30 DIN 603 verz. |
| 22 | 1 | 00 05 27 41 | Gummi-Außenlager HM 6 |
| 23 | 1 | 00 05 35 69 | Aufnahme Gummiaussenlager HM 6 RAL2004 |
| 24 | 2 | 20 20 89 00 | Sicherungsmutter M12 DIN 985 verzinkt |
| 25 | 1 | 00 04 13 91 | Dosierzone Gummi HM 6 |
| 26 | 1 | 00 04 29 10 | Einsatz Wassereinlauf HM 6 unl. |
| 27 | 1 | 20 20 34 01 | Doppelnippel 1/2" x 60 Nr.23 verzinkt |
| 28 | 1 | 20 20 09 00 | Geka-Kupplung 1/2" AG |
| 29 | 1 | 20 20 17 00 | Dichtung Geka-Kupplung |
| 30 | 1 | 20 21 90 50 | Rückschlagventil 1/2" IG |
| 31 | 1 | 20 20 36 10 | Winkel 1/2" IG-AG Nr. 92 verz. |



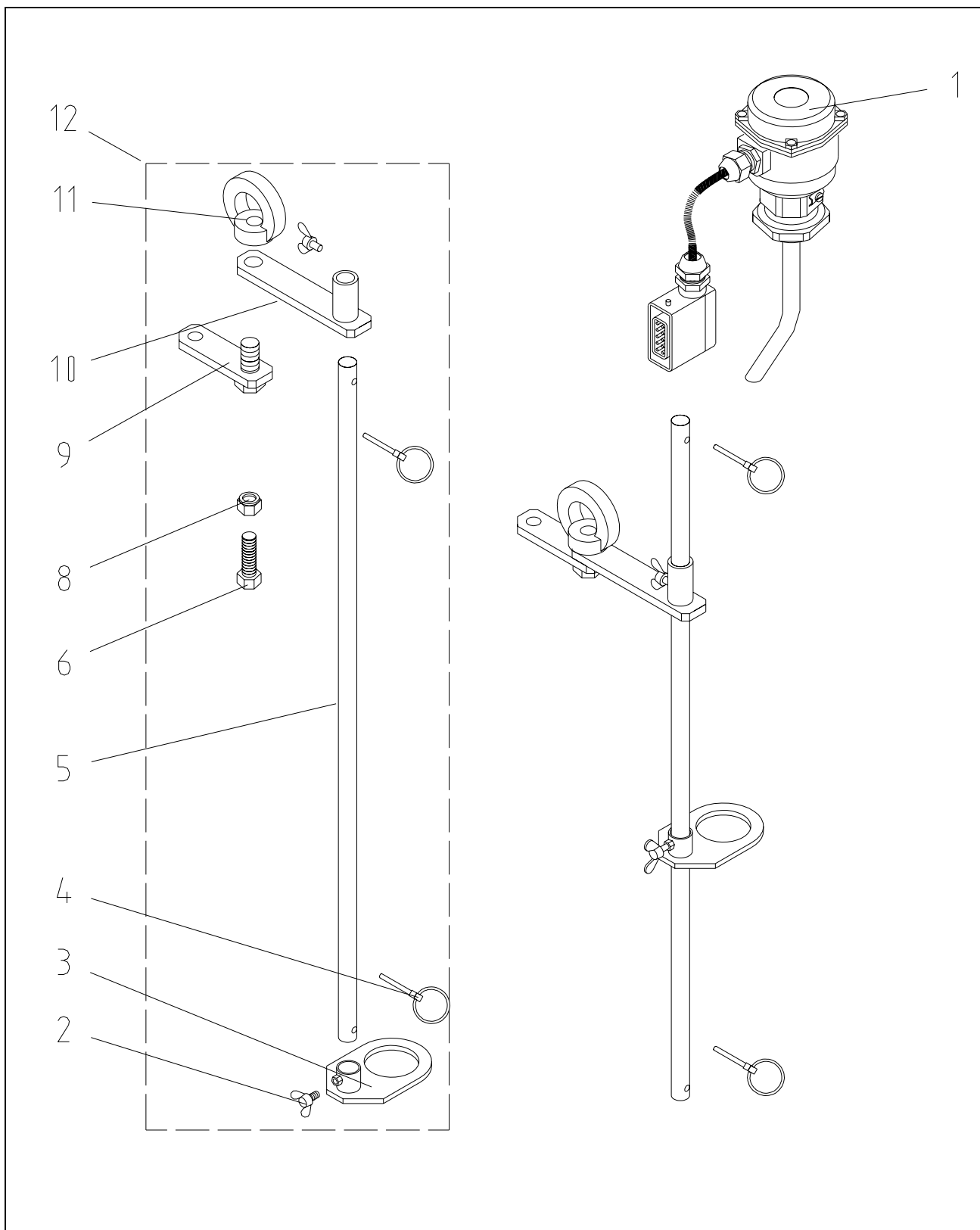
| Item | Qtl. | Art.-No. | Description |
|-------------|-------------|-----------------|--|
| 1 | 1 | 00 04 66 40 | Control holder for control unit HM6 |
| 2 | 3 | 20 20 17 00 | Gasket Geka-coupling |
| 3 | 1 | 20 20 16 00 | Geka coupling 3/4" socket |
| 4 | 1 | 20 20 29 01 | Hose clip 28-31 (P) |
| 5 | 1 | 00 02 06 13 | Water hose 3/4" x 1750mm |
| 6 | 1 | 20 19 04 41 | Hose screw joint 3/4" ext. thread socket |
| 7 | 1 | 20 20 36 02 | Curved section 3/4" int. thread no. 90 galv. |
| 8 | 1 | 20 20 32 03 | Double nipple 3/4" x 80 no. 23 galv. |
| 9 | 1 | 00 00 26 91 | Reducing nipple 1" ext. thread 3/4" int. thread no. 241 brass |
| 10 | 1 | 20 18 50 01 | Water flow meter 250-2500 l/h cpl. |
| 11 | 1 | 20 18 42 00 | Cone for water flow meter type 1600/2500 |
| 12 | 2 | 20 18 45 10 | Connection nut 1 1/2" for water flow meter 20184000 |
| 13 | 2 | 20 18 46 00 | Insertion piece 1" |
| 14 | 2 | 20 18 43 00 | O-ring 34 x 3,5 DIN 3771-NBR 70 |
| 15 | 1 | 20 18 47 00 | Stop for part. no. 20 18 40 00, 20 18 49 00, 20 18 50 00 |
| 16 | 1 | 20 18 51 00 | Plastic tube 250-2500 l/h |
| 17 | 1 | 20 20 33 13 | Nipple 1" x 30 no. 22 galv. |
| 18 | 1 | 20 17 17 41 | Diaphragm valve 1" type 675 |
| 19 | 1 | 20 20 50 00 | Reducing nipple 1" ext. thread-3/4" int. thread no. 241 galv. |
| 20 | 1 | 20 20 33 11 | Nipple 3/4" x 30 no. 22 galv. |
| 21 | 1 | 00 04 25 30 | Fitting 3 x 3/4" IG |
| 22 | 1 | 20 20 51 09 | Reducing nipple 3/4" ext. thread 3/8" int. thread no.241 galv. |
| 23 | 1 | 20 19 63 22 | Tap 3/8" int. thread ext. thread |
| 24 | 1 | 00 02 34 73 | Fitting 3/4" x 100 |
| 25 | 1 | 20 20 51 00 | Reducing socket 3/4" int. thread 1/2" ext. thread no.246 galv. |
| 26 | 1 | 20 15 26 13 | Solenoid valve 1/2" 42V type 6213 A |
| 27 | 1 | 20 15 52 00 | Pressure reducer D 06FN 1/2" |
| 28 | 1 | 20 15 20 03 | Water inlet filter for Geka coupling (P) |
| 29 | 2 | 20 20 09 00 | Geka coupling 1/2" ext. thread |
| 30 | 1 | 20 21 52 00 | Tap 1/2" without drainer |
| 31 | 1 | 20 20 34 00 | Double nipple 1/2" x 40 no. 23 galv. |
| 32 | 1 | 20 20 46 00 | T-divider 4 x 1/2" int. thread no. 223 galv. |
| 33 | 1 | 20 20 52 00 | Reducing nipple 1/2" ext. thread 1/4" int. thread no.241 galv. |
| 34 | 1 | 20 21 60 00 | Gauge 0-10 bar 1/4" at bottom, D = 63mm |
| 35 | 2 | 00 04 66 41 | Holder |
| 36 | 3 | 20 20 99 85 | Steel bow M8 x 3/4" x 43 galv. |
| 37 | 4 | 20 20 87 01 | Hex. screw M8 x 16 DIN 933 galv. |
| 38 | 4 | 20 20 72 00 | Safety nut M 8 DIN 985 galv. |



| Item | Qtl. | Art.-No. | Description |
|-------------|-------------|-----------------|--|
| 1 | 1 | 20 47 60 30 | Pressure booster pump AV 3 PQm 60 230V single phases |
| 2 | 4 | 20 20 62 00 | Safety nut M6 DIN 985 galv. |
| 3 | 4 | 20 20 93 10 | Washer 6,4 x 18 x 1,5 DIN 9021 galv. |
| 4 | 4 | 20 20 71 05 | Hex. screw M6 x 25 DIN 933 galv. |
| 5 | 1 | 20 20 72 00 | Safety nut M 8 DIN 985 galv. |
| 6 | 1 | 20 20 93 13 | Washer B 8,4 DIN 125 galv. |
| 7 | 1 | 20 20 61 00 | Hex. screw M8 x 20 DIN 933 galv. |
| 8 | 1 | 00 04 66 54 | Holder |
| 9 | 1 | 20 20 99 86 | Steel bow M8 X 1" |
| 10 | 2 | 20 20 36 20 | Curved section 1" int. thread-ext. thread no. 92 galv. |
| 11 | 2 | 20 20 08 00 | Geka coupling 1" ext. thread |
| 12 | 3 | 20 20 17 00 | Gasket Geka-coupling |
| 13 | 1 | 20 20 32 54 | Double nipple 1" x 60 no. 23 galv. |
| 14 | 1 | 00 01 98 80 | Counter flow valve 1" |
| 15 | 2 | 20 20 16 00 | Geka coupling 3/4" socket |
| 16 | 2 | 20 20 29 01 | Hose clip 28-31 (P) |
| 17 | 1 | 20 21 36 22 | Water-/air hose 3/4" x 480mm |
| 18 | 1 | 20 42 41 43 | Motor connection cable 0,8m Schuko plug and cable lug |
| 19 | 1 | 00 02 20 39 | Plug 230V Schuko |



| Item | Qtl. | Art.-No. | Description |
|-------------|-------------|-----------------|--|
| 1 | 1 | 00 00 93 60 | Transformer 400V 42V (100VA) without fuse |
| 2 | 1 | 20 42 98 21 | Socket housing 10 poles, HAN 10A |
| 3 | 1 | 20 42 98 24 | Female insert 10 pins, HAN 10A |
| 4 | 1 | 20 42 98 23 | Socket housing HAN 10A 10 pins angled |
| 5 | 1 | 20 42 98 22 | Male insert small 10 pins HAN 10A |
| 6 | 1 | 20 45 52 00 | Main reversing switch, cpl. |
| 7 | 1 | 20 45 52 01 | Knob for main reversing switch Item no.20 45 52 00 |
| 8 | 1 | 20 45 59 04 | Contact element EK10, 1 closer |
| 9 | 1 | 20 45 57 10 | Push-button ON/OFF with monitor lamp cpl. |
| 10 | 1 | 20 45 57 11 | Push-button ON/OFF with monitor lamp |
| 11 | 1 | 20 45 59 03 | Mounting adaptor |
| 12 | 1 | 20 45 91 01 | Bulb 48V 2W plug in type BA 9 S |
| 13 | 1 | 20 45 59 02 | Lamp socket block |
| 14 | 1 | 20 45 59 11 | Contact element EK01, 1 opener |
| 15 | 1 | 20 45 91 01 | Bulb 48V 2W plug in type BA 9 S |
| 16 | 1 | 20 45 74 00 | No longer available, replacement 00002250 |
| 17 | 1 | 20 44 45 00 | Key for control box |
| 18 | 1 | 20 44 46 00 | Lock for control box |
| 19 | 1 | 20 44 93 00 | Motor protection relay 10-16A type Z00 |
| 20 | 1 | 20 45 27 51 | Phase sequence relay 200-500 V type FPF 2 |
| 21 | 1 | 20 45 29 02 | Time lag relay 230V, 1,5-30 sec. |
| 22 | 1 | 20 44 71 00 | Contactactor DIL OM 42V |
| 23 | 1 | 20 44 72 00 | Contactactor DIL ER 22, 42V |
| 24 | 1 | 20 43 09 20 | Skintop screw connection PG 9 |
| 25 | 1 | 20 43 09 41 | Nut for Skintop screwed joint PG 9 |
| 26 | 1 | 20 42 72 10 | Panel mounted socket Schuko 16A grey no. 10199 |
| 27 | 1 | 00 01 94 16 | 5 pin socket 16A |
| 28 | 1 | 20 42 66 10 | Panel mounted socket CEE 4 x 16A 6h red no.144, flange 71 x 87 |
| 29 | 1 | 20 42 52 00 | Panel mounted housing with plug CEE 5 x 16A 6h red no. 379 |
| 30 | 4 | 20 20 87 01 | Hex. screw M8 x 16 DIN 933 galv. |



| Item | Qtl. | Art.-No. | Description |
|-------------|-------------|-----------------|---|
| 1 | 1 | 00 00 16 24 | Level sensor KPS1 5m with plug 10 pins |
| 2 | 1 | 00 00 14 39 | Wing screw M6 x 10 DIN 316 galv. |
| 3 | 1 | 00 00 14 65 | Support for level sensor KPS1 |
| 4 | 1 | 20 10 10 10 | Splint D 4,5 with ring |
| 5 | 1 | 00 00 14 66 | Control axle KPS1 galvnize |
| 6 | 1 | 20 20 99 68 | Hex. screw M12 x 40 DIN 933 galv. |
| 7 | 1 | 20 20 89 00 | Safety nut M12 DIN 985 galv. |
| 8 | 1 | 00 00 16 28 | Support for KPS1 with threaded pin M16 |
| 9 | 1 | 00 00 16 27 | Support for KPS1 with bushing |
| 10 | 1 | 20 20 79 00 | Ring nut M16 DIN 582 galv. |
| 11 | 1 | 00 00 24 66 | Fixing KPS1 for HM 104/200/204 cpl. |
| 12 | 1 | 00 01 05 41 | Additional parts to fit KPS 1 at HM 204 |

| | |
|-------------------------|---|
| Drive | Geared Motor 5,5kW, 400V, 50Hz, 3~ |
| Current input | 11 A |
| Rpm | 286 rpm |
| Dimensions Total lenght | 2005 mm |
| Total width | 330 mm |
| Total weight | approx. 150 kg |
| Power supply | 3~ 400 V / 50 Hz, 16 A Cable 5 x 2,5 mm ² , connect only to electrical panel at site with FI safety switch! |
| Fuse | 16 A slow |
| Water supply | Hose ³ / ₄ " with a minimum water pressure of 2,5 bar when machine is in operation |
| Machine performance | 45-90 l/min mortar, depending on quality, consistency and dosing shaft |
| Sound level | 72 ± 1 dB(A) |

Notes:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

WE KEEP THINGS MOVING



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