

PFT FERRO neXt 3D

The machine combination made by PFT –
for use with 3D concrete printers

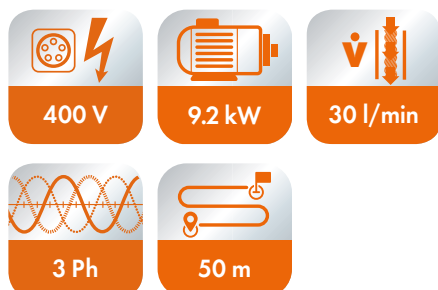
The PFT FERRO neXt 3D is a continuously working mixing and conveying pump for use with 3D concrete printers. Fully automatic, it conveys all machine-compatible 3D-printable mortar or concrete (up to 8 mm grain size) from silo/container. Through a horizontal mixer equipped with its own motor, the material, after adding water in the mixing tube, enters the hopper of the conveying pump and is pumped from there to the processing point at up to 30 l/min.

TECHNICAL DATA

Part no.	on request
Conveying capacity	up to 30 l/min
Conveying pressure	max. 25 bar
Conveying distance	max. 50 m with DN50
Power: Pump	Drive: 9.2 kW
Power: Mixer	Drive: 5.5 kW Speed: 280 rpm
Power connection	Three-phase current: 400 V, 32 A Fuse: 25 A Electrical supply: 5 x 4 mm ²
Water	Water connection: 3/4" Water demand: depending on material Water supply pressure min. 2.5 bar
Rotor/Stator	R 7-2,5 with clamp
Container / silo connection	Ø 350 mm
Dimensions: L / W / H	approx. 1,610/1,965/1,453 mm
Weight	~ 750 kg

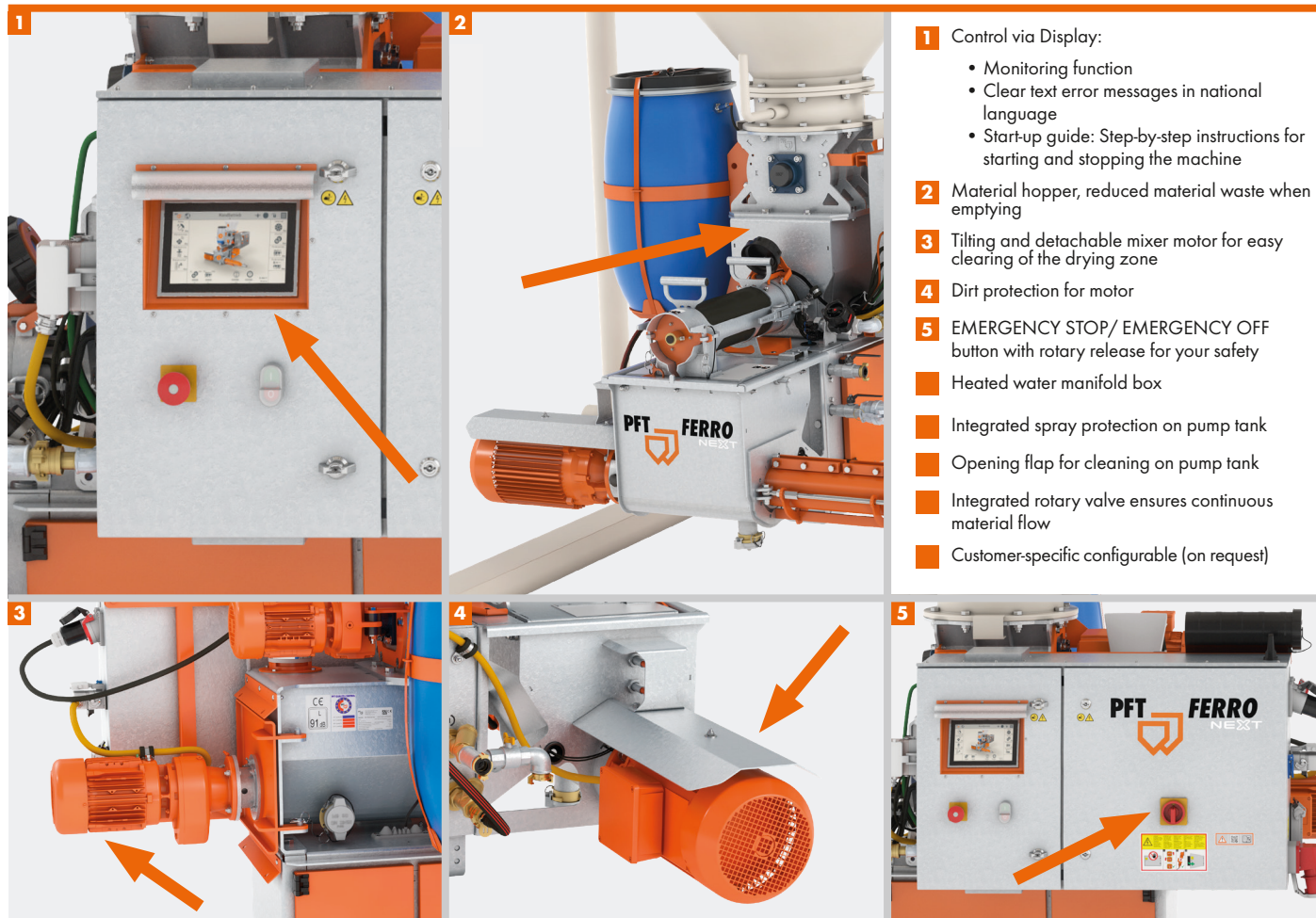
Please note:

Standard values depending on mortar quality, mortar composition, mortar consistency, pump model, pump condition, material hose diameter and conveying height. The guidelines of the material manufacturer are ultimately authoritative.



PFT – ALWAYS AT YOUR SITE

ADVANTAGES AT A GLANCE



- 1** Control via Display:
 - Monitoring function
 - Clear text error messages in national language
 - Start-up guide: Step-by-step instructions for starting and stopping the machine
- 2** Material hopper, reduced material waste when emptying
- 3** Tilting and detachable mixer motor for easy clearing of the drying zone
- 4** Dirt protection for motor
- 5** EMERGENCY STOP/ EMERGENCY OFF button with rotary release for your safety
- Heated water manifold box
- Integrated spray protection on pump tank
- Opening flap for cleaning on pump tank
- Integrated rotary valve ensures continuous material flow
- Customer-specific configurable (on request)

FIELDS OF APPLICATION

- 3D printing application: Concrete | Mortar



ACCESSORIES

- External vibrator A10-1,8 – 8 m, 400 V, 3 Ph, 50 Hz
- Cable drum with remote control

PART NO.

00128609
00727364

The PFT Service guarantee

Customer-friendliness, technical expertise and service-orientation. That's what the PFT brand with its sales and service centers worldwide stands for also in the coming decades.



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