




PFT MIXING PUMPS

01/2014

NEW

PFT G4 smart

THE EXPERIENCE OF
QUALITY AND VALUE.

The difference is in the detail.

Functional description

PFT G4 is a continuously operating mixing pump for ready-mixed dry mortars suitable for machine use. It can be filled using bagged cargo as well as directly from a silo/container using a delivery hood or with an injection hood and the PFT SILOMAT system.

The distillation zone for holding the ready-mixed mortar is different from the mixing and pump zones. The dry mortar is thrown into the mixing chamber via the tilted feed tray. PFT G4 can be started and refilled at any time. The feed tray is driven separately and can be dismantled quickly using a central locking.

Fields of application

For pumpable ready-mixed dry mortars such as:

- ▶ Gypsum plasters
- ▶ Lime-gypsum plasters
- ▶ Cement plasters
- ▶ Lime plasters
- ▶ Lime-cement plasters
- ▶ Fango materials
- ▶ Insulating plasters
- ▶ Recessed mortar
- ▶ Exterior basecoat
- ▶ Floating screeds
- ▶ Masonry mortar
- ▶ Premixed mortar
- ▶ Insulation materials
- ...and much more

Advantages

- ▶ powerful, quiet and technical perfect
- ▶ long conveying distance
- ▶ low filling height
- ▶ variable output from 6 to 55 l/min with only one mixing tube, simply by changing the pump
- ▶ universally applicable
- ▶ can be combined with the entire PFT range of machines
- ▶ especially economical when used with the PFT SILOMAT
- ▶ simple and fast cleaning
- ▶ easy to operate
- ▶ easy handling thanks to the small dimensions
- ▶ easy transport due to portable modules



MADE IN GERMANY

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Technical data

PFT G 4 smart

Basic equipment

Part no.	00 25 73 59	
Conveying capacity*	approx. 6–85 l/min ¹	
Pump capacity*	approx. 22 l/min with D 6–3 mf	
Conveying pressure*	max. 30 bar	
Conveying distance*	up to 50 m	
Drive	2 geared motors 400 V, 50 Hz, 3 Ph	
	Pump motor:	5.5 kW, approx. 385 rpm
	Star wheel motor:	0.75 kW, approx. 28 rpm
Air compressor	400 V with pressure switch-off	
Compressor output	0.9 kW, approx. 250 l/min, max. 4 bar	
Water connection	3/4", 2.5 bar when the machine is running	
Water pressure booster pump	0,37 kW, 400 V	
Dimensions / Weights		
Filling height	910 mm	Hopper content: 145 l
Length	1200 mm	
Width	720 mm	
Height	1530 mm	
Total weight	approx. 271 kg	

* Guidelines depending on conveying height, pump condition and version, pump unit, mortar quality, composition and consistency. The respective directives and recommendations of the material producer are to be observed.

¹ output of 85 l/min only possible with the optional star wheel, high capacity and R-pump, standard output: approx. 6–55 l/min

- Mixing pump PFT G 4 smart complete with
- Pump unit D 6–3 mf
screwed mortar pressure gauge 25 mm
 - Geared motor 5.5 kW, 385 rpm
two-stage with inclination switch
 - Geared motor 0.75 kW, 28 rpm
 - Control box
 - Water flow meter 100–1000 l/h
 - Air compressor, 400 V
 - Water pressure booster pump, 400 V
 - Mixing tube without adaptable flange
 - Mixing shaft
 - Cleaning shaft
 - Mixing tube cleaner D- and R-pumps
 - Fine plaster spraying gun 25 mm,
nozzle 14 mm, length 200 mm, smartline
 - RONDO material hose 25 mm, 10 m, cpl.
 - Water/air hose 1/2", 11 m
cpl. EWO/Geka
 - Cleaner coupling
 - Tool box including tool bag
 - Operating instruction

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