PFT G 4 – ONE FOR ALL, EVERYTHING WITH ONE MACHINE

The PFT G4 - a champion among the continuously working mixing pumps. More than 60,000 PFT G 4 mixing pumps have been sold up till now. The machines can handle most factory blended dry premixed mortars with a minimum setting time of 30 minutes and a maximum grain diameter of 6 mm (1/4"). That speaks for itself! Powerful, calm and technical perfect it is the “No. 1”.

DESCRIPTION:
The PFT G 4 mixes and pumps most factory blended dry premixed mortars continuously. The PFT G 4 can be filled by bags, placed directly under a silo with delivery hood or can be filled pneumatically by the PFT SILOMAT with the injection hood. The machine consists of portable units, which allow easy transport and disassembly.

ADVANTAGES AT A GLANCE:
- high conveying distance
- variable output from 6–55 l/min with only one mixing tube by changing the pumps D and R
- compressor with automatic switch-off device
- universal
- high life span
- robust construction
- The integrated inclination switch gives high safety and interrupts the electric supply as soon as the motor is opened or tilted.
- can be combined with the entire PFT machine system
- especially economically when used with the PFT SILOMAT
- easy and fast cleaning
- minimum maintenance
- easy to handle
- low filling height
- direct connection to silo or container
- ready to run
- powder painted
- large castors of Ø 230 mm
- operating manual
- approved by European standards

FIELD OF APPLICATION:
pumpable premixed mortars such as:
- lime-gypsum-plaster
- cement based renders
- lime based plasters
- lime-cement renders
- masonry mortar
- insulation plasters
- filling plasters
- armation and gluing mortar
- self levelling floor screeds
- Fango
- and many more...
For cleaning purposes and transport, the PFT G 4 mixing tube can be dismantled easily.

Using the PFT ratchet, the rotor can easily be turned out of the stator.

Easy lifting of the machine because of the practical folding handles.

D and R pumps up to max. 270 mm length can be used.

Easy to dismantle into modules

with ROTOMIX

with ROTOQUIRL

PFT Delivery hood with control box

Direct connection to silo

Pneumatic filling

PFT Injection hood with indicator level
TECHNICAL DATA:

Description: | Standard
---|---
Part No.: | PFT G 4
Drive: | 20 10 00 12
Pump motor: | 5.50 kW
Star wheel motor: | 0.75 kW
RPM: | Pump motor: approx. 400 rpm
Star wheel motor: approx. 28 rpm
Current input: | Pump motor: 11.0 A at 400 V
Star wheel motor: 1.75 A at 400 V
Connection: | 400 V-three phases, 32 A
Cable connection: | 5 x 4 mm²
Main fuse: | 3 x 25 A
Generator: | minimum 25 kVA
Water connection: | 3/4"
Water pressure at running machine: | minimum 2.5 bar
Standard pump: | TWISTER D 6-3
Standard pump output approx.: | 20 l/min
possible pump output: | 6 – 55 l/min (for different pumps)
Flange for R-/D-pumps: | yes
Conveying*: max. with 25 mm Ø | up to 30 m
Distance: max. with 35 mm Ø | up to 50 m
Maximum pressure: | 30 bar
Compressor output: | 0.9 kW
| 0.25 Nm³/min
| max. 6 bar
Remote control: | via air or 42 V control current
Mortar hose: standard | 25 mm Ø
on demand | 35 mm Ø
max. pressure: | 40 bar
Air hose inner diameter: | 13 mm Ø

* Depending on mortar quality, mortar consistency, pump version, mortar hose diameter and conveying height.

DIMENSIONS & WEIGHTS:

Filling height/Hopper content: | 910 mm / 150 l
with extension hopper: | 1,020 mm / 200 l
Length: | 1,200 mm
Width: | 720 mm
Height: | 1,550 mm
Weights: | Machine: 145 kg
Mixing pump: 81 kg
Compressor: 24 kg
Total weight: 250 kg
**BASIC EQUIPMENT**

PFT G 4 with 5.5 kW pump complete with:
- Air compressor with automatic on/off switch,
- Couplings ID 24,
- Remote control plug,
- Spraying gun 25 mm,
- PFT RONDO 10 m/25 mm,
- Air hose 11 m,
- Mortar pressure gauge 35 mm,
- Reducer coupling 35 to 25 male part,
- Cleaner,
- Cleaning shaft,
- Tool kit and Operating instructions.

**ACCESSORIES**

PFT Delivery hood for direct connection to silo/container with electrical safety cabinet
Part No. 20 60 05 00

PFT Injection hood E 1 cpl. for connection to PFT SILOMAT
Part No. 20 60 02 13

PFT Spraying gun
Ø 25 mm, long version 30° degrees angled,
Part No. 20 19 00 11

PFT Spraying gun
Ø 35 mm,
Part No. 20 19 60 00

PFT Squeeze valve spraying with air adjustment
Ø 25 mm,
Part No. 00 06 60 10

PFT JETSET
The allround spraying and gluing set with automatic switch on/off device
Part No. 00 02 03 88

PFT Water pressure booster pump AV 3 to increase insufficient water pressure
Part No. 00 05 70 71

PFT ROTOQUIRL
Part No. 20 11 84 00
Cover PFT ROTOQUIRL R-Pumpe
Part No. 20 11 84 07
PFT ROTOMIX
Part No. 20 11 80 00
for intensive after mixing of base coats, insulation coats, scratch surface coats.
Increases outputs.

PFT Ratchet complete for easier dismantling of ROTOR and STATOR
Part No. 20 22 76 10
PFT Assembling spray, 400 ml
Part No. 00 04 05 52

**PFT G 4 + PFT G 5**

Accessory guide
You have to be alert any time to become Europe's No. 1.
Today you use the PFT machine for base coat and tomorrow for self levelling floor screed.
Today the user requires higher output, tomorrow longer conveying distance. Today they require 6 l/min tomorrow 55 l/min.
Please ask for the documentation PFT Accessory guide.
EVERYTHING AT A GLANCE

Profit from PFT's state-of-the-art technology.

Contact us for detailed information on:

PFT POWERFUL MACHINES WITH SYSTEM
PFT PNEUMATIC CONVEYING EQUIPMENT SILOMAT
PFT MIXING PUMP G 4
PFT MIXING PUMP G 5
PFT ACCESSORY GUIDE G 4 + G 5
PFT MIXING PUMP RITMO
PFT HORIZONTAL SCREW MIXER HM
PFT CONVEYING PUMP N 2
PFT CONVEYING PUMP SWING II
PFT CONVEYING PUMP QUICKL
PFT SPECIAL MACHINES
PFT CUTMASTER
PFT ROTOR/STATOR
PFT REINFORCEMENT MESH
PFT SILOS/CONTAINERS

WE KEEP THINGS MOVING

PFT in the Internet.
All up-to-date information in German, English and Italian language under www.pft.de

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