



MIXING PUMP

PFT G4

WE KEEP THINGS MOVING



# MIXING PUMP PFT G4



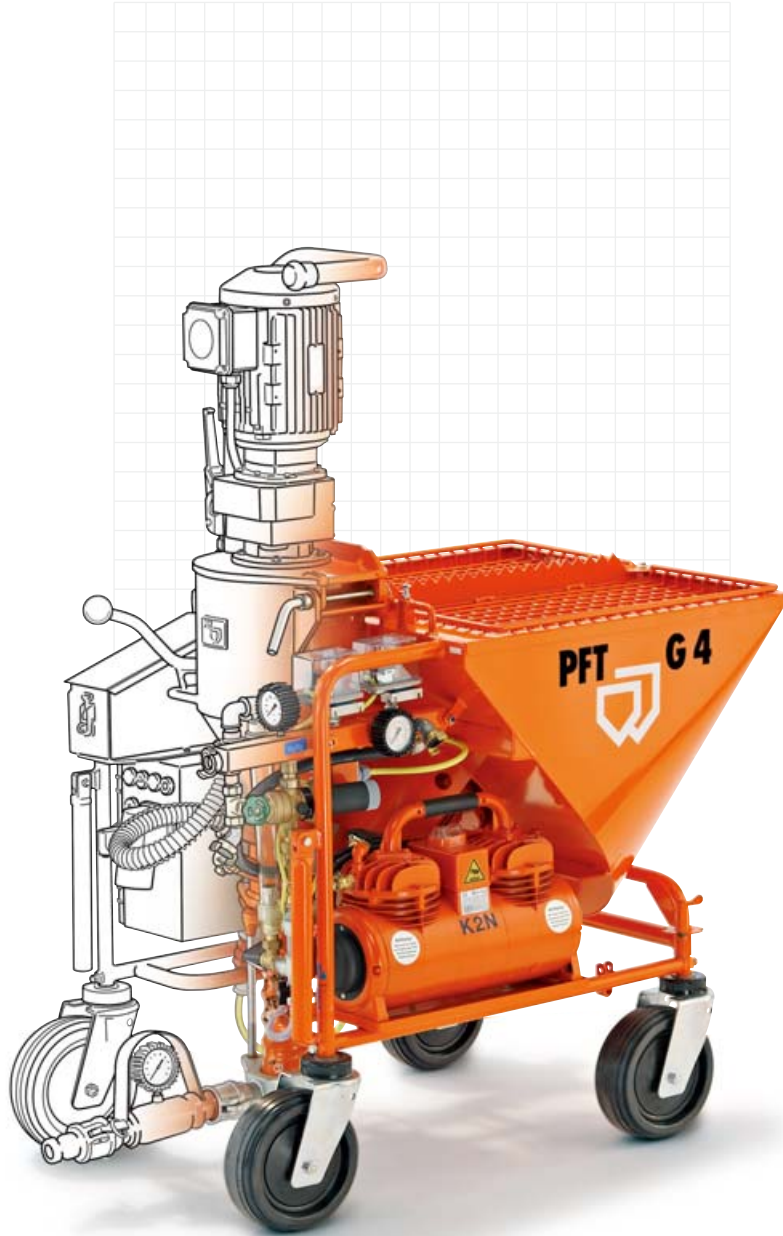
Exterior plastering



Mortar for door frames



Restoration mortar



Interior plastering

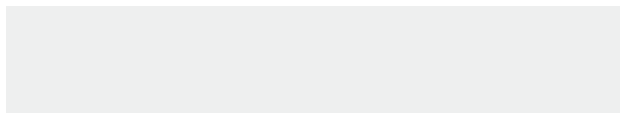


Liquid filler



Upgraded insulation

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



## The mixing pump No. 1



The PFT G 4 - 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  
glueing mortar  
self levelling floor screeds  
Fango  
and many more ...

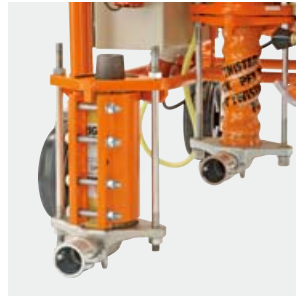


For cleaning purposes and transport, the PFT G 4 mixing tube can be dismantled easily.



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

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



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

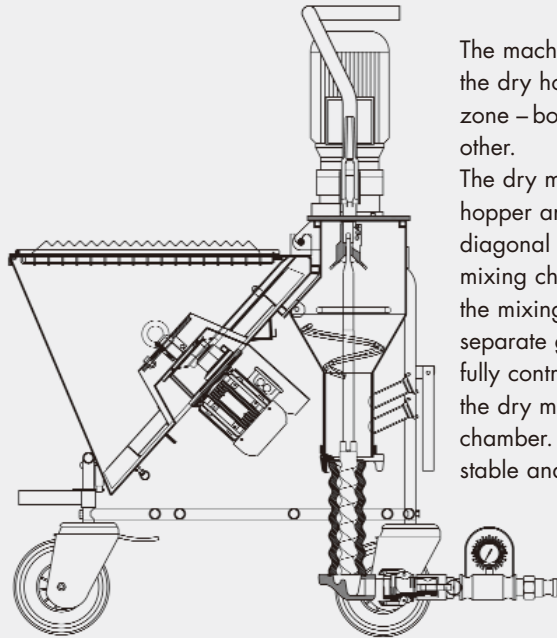


PFT Injection hood with indicator level



Pneumatic filling

## WORKING PRINCIPLE:



The machine consists of two main parts, the dry hopper zone and the wet mixing zone – both are separated from each other.

The dry mortar is being filled into the hopper and is being transported by the diagonal positioned star wheel into the mixing chamber. The mixing shaft inside the mixing chamber is also driven by a separate geared motor. The water is fully controlled and is being mixed with the dry mortar inside the mixing chamber. This process is continuous, stable and produces a constant mortar.

## TECHNICAL DATA:

		Standard
Description:		<b>PFT G 4</b>
Part No.:		20 10 00 12
Drive:		400 V, 50 Hz, three phases
	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 mm <sup>2</sup>
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: (for different pumps)		6-55 l/min
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 Nm <sup>3</sup> /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	Weights:	
with extension hopper:	1,020 mm /200 l	Machine:	145 kg
Length:	1,200 mm	Mixing pump:	81 kg
Width:	720 mm	Compressor:	24 kg
Height:	1,550 mm	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



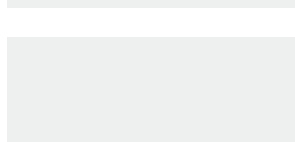
PFT Spraying gun Ø 35 mm,  
 Part No. 20 19 60 00



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



PFT JETSET  
 The allround spraying and glueing 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 on PFT Accessory guide.



# EVERYTHING AT A GLANCE



PFT in the Internet.  
All up-to-date information  
in German, English and  
Italian language under  
[www.pft.de](http://www.pft.de)

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SPECIALIST ADVICE – DEMONSTRATION – AFTER-SALES SERVICE  
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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 QUICKLI
- PFT SPECIAL MACHINES
- PFT CUTMASTER
- PFT ROTOR/STATOR
- PFT REINFORCEMENT MESH
- PFT SILOS/CONTAINERS

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