

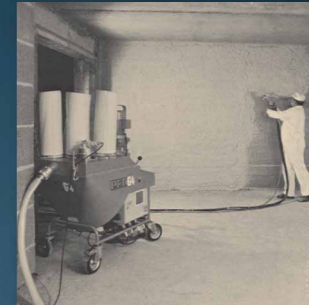
**THE NEW EXPERIENCE OF
QUALITY AND VALUE.**

PFT  **G4**

NEXT GENERATION

SALES START





The legendary PFT G 4 – invented in the year 1974 – is being optimised continuously to this day and more than 100,000 units have been sold all over the world.

INNOVATION EXPERIENCE EFFICIENCY

We invented the legendary PFT G 4 in the year 1974, which till today is considered as simply "the" plastering machine among the experts. Until now, PFT G 4 has been sold more than 100,000 times in a design that is continuously optimised. There is no conclusive proof of the efficiency and intrinsic value.

The large number of enhancements, optimisations and practical details make the "best" even better.

PFT G 4 NEXT GENERATION



Only the most advanced manufacturing technology ensures the best quality.

- ◀ Laser cutting technology
- ▶ Welding robot

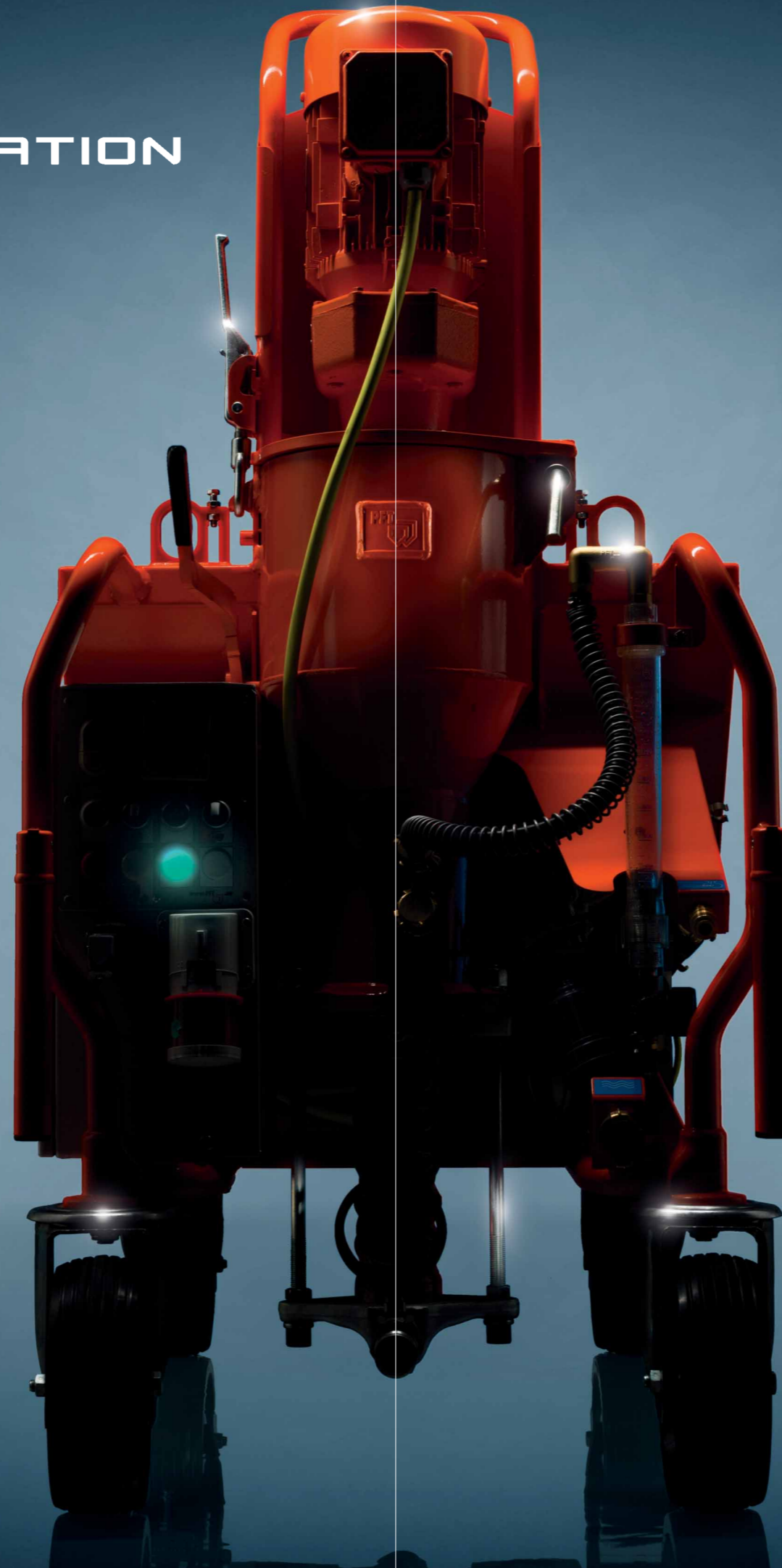


**QUALITY
MADE
IN
GERMANY**

At our Iphofen site, we use the latest technology and manufacturing methods to develop and manufacture high-quality, efficient and customised products **"Made in Germany"**.

Our machines stand for outstanding quality and are all-purpose thanks to their robust and useful design and user-friendliness. We are thus in a position to competently and flexibly cater to the professional requirements of our international customers.

DISCOVER THE PFT G4 NEXT GENERATION



"The combination of benefits, quality and reliability impressed me."

Experts, who work hard everyday, do not compromise with their equipment. Just as little as we do when it comes to the quality of our PFT G4.

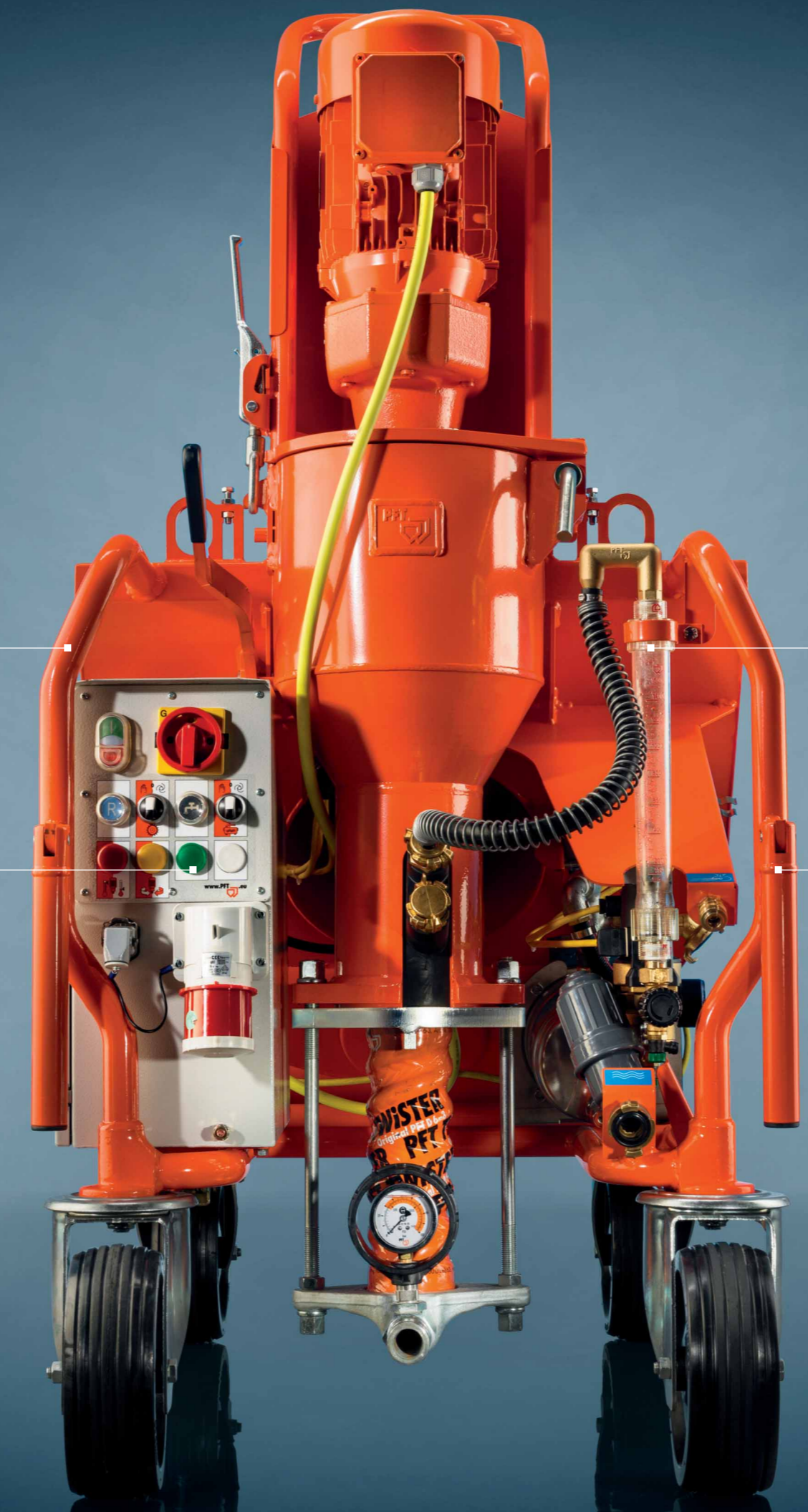
Our customers are important impulse generators when it comes to development. Your experiences help us to make the PFT G4 more user-friendly and practice-oriented with respect to the application requirements.

Find out about the many benefits.

PFT G4 NEXT GENERATION

PFT G 4. THE NEW EXPERIENCE OF QUALITY AND VALUE.

The difference is in the detail.



Maximum stability due to the robust frame structure with consolidated wheel support.

No damage to the fittings and switches since they are protected in the inner contour of the frame.

Large control box: excellent ease of maintenance and optimised dust protection.

Can also be delivered as a switchable version FU 230/400V.

Smooth operation thanks to large fine filters with a small mesh size.

Easy-to-fit mixing tube with the help of the new mixing tube support.

Safe transport thanks to four holders at one height and the reliable folding mechanism.

Better handling due to two additional grips on the container.

Air compressor is automatically secured during transport if transportation is done by a crane.

The metal cover and optional PVC protective foil protect the fittings from dirt.

Safe commissioning of the injection hood as the protective grid can remain in the material feeding container.

Better adjustment of the injection hood thanks to the re-designed support.

High delivery rate up to 85l/min in case of a floating screen application (so far only up to 55l/min) with a simple star wheel change.

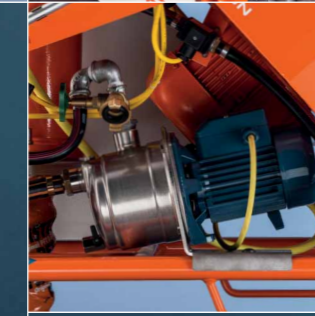
A consolidated tube frame withstands large loads easily.

Safe transport with a forklift truck thanks to the integrated forklift plates.

Greater transport safety since there are no protruding plugs.

Easy exchange of the tap fittings.

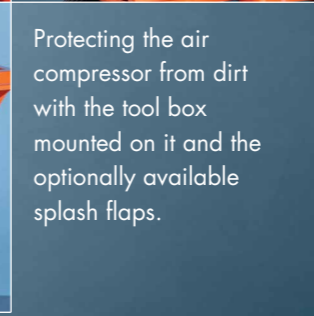
Easy cleaning and maintenance thanks to the optional, interchangeable rubber mixing zone.



Improved water outlet by tilting the pump and optimum frost protection since the residual water can be drained completely.



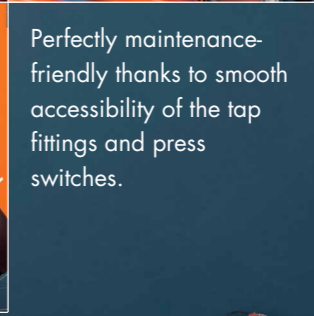
Large tool box, which is suitable e.g. for supporting the mixing tube cleaner, cleaning shaft and/or spraying gun.



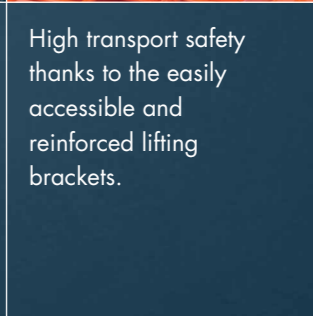
Protecting the air compressor from dirt with the tool box mounted on it and the optionally available splash flaps.



Integrated fixture for the rotor wrench.



Perfectly maintenance-friendly thanks to smooth accessibility of the tap fittings and press switches.



High transport safety thanks to the easily accessible and reinforced lifting brackets.



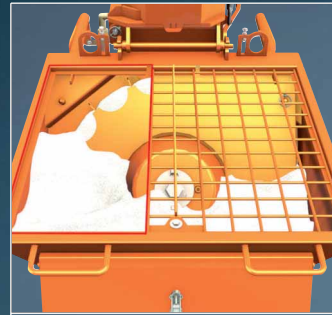
Reduction in the dust exposure; subsequent mounting of the optional deflector prevents air from whirling up in the material feeding container.



PFT G 4 – ELABORATE DETAILS UNBEATABLE IN THE SYSTEM.

Functional principle

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 G 4 can be started and refilled at any time. The feed tray is driven separately and can be dismantled quickly using a central locking.



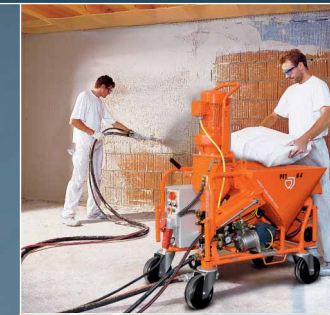
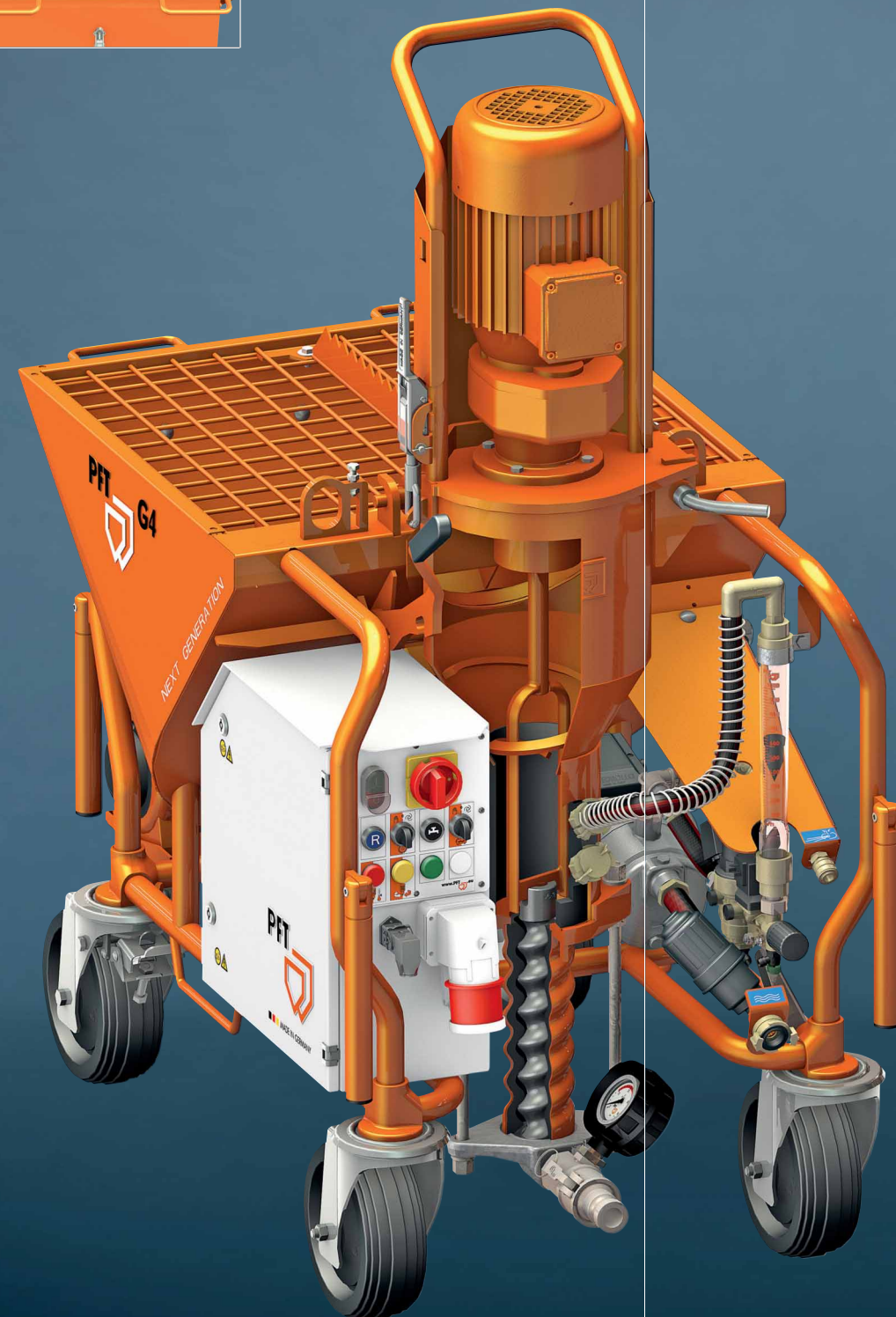
Functional description

PFT G 4 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.

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



Filling with bagged cargo

One for All, all with One. PFT G 4 is the compact, easy-to-transport mixing pump in high-tech engineering, which offers a high delivery rate and large delivery range, and can be combined with the entire range of machines offered by PFT. Thanks to the low filling height, it is perfectly suited for filling with bagged cargo. Ideal for using at small and average-sized construction sites.

Direct filling from silo

The PFT G 4 mixing pump is designed according to the modular design principle. By using the PFT delivery hood, it can easily and quickly be flange-mounted below any silo/container. Well-suited for delivery ranges up to 30 m.

Pneumatic filling with PFT SILOMAT

Easy, quick and efficient. The PFT SILOMAT discharge vessel can be easily flange-mounted to the silo/container using a couple of grips. The ready-mixed dry mortar is fed to the mixing pump fully automatically and free of dust at the push of a button. The machine is directly placed at the place of use in the process, irrespective of the distance from the silo/container to the usage site. The pneumatic conveying equipment PFT SILOMAT is available in different designs.

Easy handling thanks to the small dimensions. Easy transport due to portable modules.



Basic equipment

PFT G 4 mixing pump complete with (depending on the version):

- Pump unit TWISTER D 6-3
- Geared motor 0.75 kW, 28 rpm
- Geared motor 5.5 kW, 400 rpm, with inclination switch
- Control box with phase sequence relay
- Water flow metre 150–1,500 l/h cpl.
- RONDO 25 mm, 10 m hydraulic
- Water/air hose 1/2", 11 m, cpl. Geka
- Integrated mortar pressure manometer 35 M-part
- Coupling 35 M-part 1 1/4" IG with seal
- Coupling reduction 35 V-25 V-part, LW 24
- Mixing tube cleaner with cleaning shaft
- Connection option for remote control
- Tool bag
- Operating instruction

Individual equipment

Description	PFT G 4 Standard	PFT G 4 smart	PFT G 4 FU 230 V	PFT G 4 FU 230 V/400 V	PFT G 4 XL
Part no.	00 23 84 74	00 25 73 59	00 26 81 43	00 26 06 21	00 40 67 95
Mixing tube	steel mixing tube with interchangeable flange	steel mixing tube with D-flange	steel mixing tube with D-flange	rubber mixing tube with interchangeable flange	rubber mixing tube with interchangeable flange
Rubber mixing tube with interchangeable flange	•	✗	•	•	•
Water pump	•	0.37 kW, 400 V cast iron casing	0.37 kW, 230 V cast iron casing	0.37 kW, 400 V cast iron casing	0.6 kW, 400 V stainless steel casing
Control box	large control box casing with operating hour counter	small control cabinet casing	control box with frequency converter and speed adjustment	control box with frequency converter and speed adjustment	large control box casing with operating hour counter
Deflector	•	•	•	•	✗
Compressor	Handy K 2 N	LK 250	Delta II 230 V	Delta II 230 V	Handy K 2 N
Rubber cover for compressor	•	•	•	•	•
PVC cover for tap fittings	•	•	•	•	•
Star wheel high-capacity	•	✗	✗	•	•
Spraying gun	Spraying gun 25 mm with alu-swivel coupling	Spraying gun 25 mm smartline	Spraying gun 25 mm with alu-swivel coupling	Spraying gun 25 mm with alu-swivel coupling	Spraying gun 25 mm with alu-swivel coupling
Rotor wrench	•	•	•	•	•

• standard • optional ✗ not available

Technical specifications

Drive					
Pump motor	5.5 kW, 400 rpm	5.5 kW, 400 rpm	4 kW, 400 rpm	5.5 kW, 400 rpm	7.5 kW, 400 rpm
Star wheel motor	0.75 kW 28 rpm	0.75 kW 28 rpm	0.3 kW 12 rpm	0.75 kW 28 rpm	0.75 kW 28 rpm
Power connection	400 V, 32 Amp, 3 phases	400 V, 32 Amp, 3 phases	230 V, 32 Amp, 1 phase	230/400 V, 32 Amp, 1 phase/3 phases	400 V, 32 Amp, 3 phases
Water supply	3/4"	3/4"	3/4"	3/4"	3/4"
Water supply pressure	2.5 bar	2.5 bar	2.5 bar	2.5 bar	2.5 bar
Rotor/Stator	TWISTER D 6-3	TWISTER D 6-3	TWISTER D 6-2	TWISTER D 6-3	D 6-4
Conveying capacity*	approx. 22 l/min	approx. 22 l/min	approx. 22 l/min	approx. 22 l/min	approx. 22 l/min
Operating pressure	30 bar	30 bar	20 bar	30 bar	40 bar
Conveying distance* in case of 25 mm Ø in case of 35 mm Ø	up to 30 m* up to 50 m*	up to 30 m* up to 50 m*	up to 20 m* up to 30 m*	up to 30 m* up to 50 m*	up to 40 m* up to 65 m*

Dimensions

Filling height	910 mm	910 mm	910 mm	910 mm	940 mm
Hopper content	145 l	145 l	145 l	145 l	145 l
Length/width/height	1,200/720/1,530 mm	1,200/720/1,530 mm	1,200/720/1,530 mm	1,200/720/1,530 mm	1,200/720/1,650 mm
Total weight	271 kg	271 kg	280 kg	280 kg	320 kg

* Reference values depending on the mortar quality, mortar composition, mortar consistency, pump design, pump condition, feed hose diameter and delivery height. Finally, the respective guidelines of the mortar manufacturer are decisive.

PFT G 4 XL



PFT G 4 XL
The most powerful PFT G 4 in the XL version with 7.5 kW drive and larger pump unit for a higher delivery range up to 65 m.

PFT accessories/spare parts

The PFT system contains numerous, field-tested and practice-oriented accessories and spare parts.

While developing PFT G 4 **NEXT GENERATION** in particular, we attached great importance to the fact that it should be possible to use all the accessories from the previous PFT G 4 range. An important step as regards efficiency.



PFT star wheel G 4, higher delivery rate up to 85 l/min
Part no. 00 23 88 49



PFT mixing tube, rubber mixing zone: easy and simple cleaning using the interchangeable rubber mixing zone.
Part no. 00 20 51 07



Optimum power adjustment by using D- and R-pumps variably.

For detailed information regarding PFT Rotors and Stators, visit www.pft.eu

PFT Anti-Dust-Unit G 4

The new system helps to protect the processor from increased mineral dust exposure.
Part no. 00 24 93 05



- 1 Injection hood E1 with mono filter for PFT G 4 cpl. with control cable and level indicator for connecting to the PFT SILOMAT conveying system
- 2 Delivery hood with control box and dry run protection for direct connection to the silo/container
- 3 Remote control cable 25 m with on-off switch and indicator light 42 V
- 4 Power cable 5 x 4 mm², 25 m, CEE cpl. 32 A
- 5 Water/air hose 3/4", 40 m cpl. with couplings
- 6 PFT RONDO 25 mm, 10 m, hydraulic integration, with couplings
- 7 PFT RONDO 35 mm, 10 m, hydraulic integration, with couplings
- 8 Spraying gun 25 mm, nozzle 14 mm, long design, cranked with swivel coupling
- 9 Spraying gun 35 mm, nozzle 14 mm with hole
- 10 Spraying gun 25 mm, nozzle 14 mm, cranked with squeeze valve
- 11 PFT JETSET
The all-round spraying and adhesive gun with automatic pressure limiter.

- 12 Pressure gauge 0–100 bar
- 13 Assembling spray, 400 ml
- 14 Rotor wrench, galvanised
- 15 Consistency checking tube

- 16 Water pressure booster pump AV 1000, 400 V
In case of water supply from a barrel, it is interconnected for a higher water pressure
- 17 Water pressure booster pump for retrofitting the machine

PFT agitator
For intensive mixing of mortar, screed or smoothing cement. The truck agitator makes full use of the quality.

- 18 PFT ROTOQUIRL D-pump
- 19 ROTOQUIRL R-pump cover
- 20 PFT ROTOMIX D-pump

- 21 Stator TWISTER D 6-3
- 22 Rotor D 6-3
- 23 Mixing shaft for smoothing plaster



1 Part no. 20 60 02 13



1 Part no. 20 60 05 00



1 Part no. 20 45 69 29

1 Part no. 20 42 39 20



1 Part no. 00 02 11 04



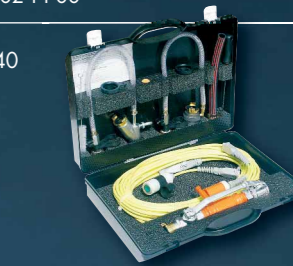
1 Part no. 20 21 21 00

1 Part no. 00 02 11 00



1 Part no. 00 20 64 40

1 Part no. 20 19 60 00



1 Part no. 00 02 03 88

1 Part no. 00 04 62 26



1 Part no. 20 21 68 02



1 Part no. 00 40 11 88



1 Part no. 00 04 05 52

1 Part no. 20 10 43 01



1 Part no. 00 22 67 13



1 Part no. 00 25 73 78

1 Part no. 20 11 80 00



1 Part no. 20 11 84 00



1 Part no. 00 00 78 99



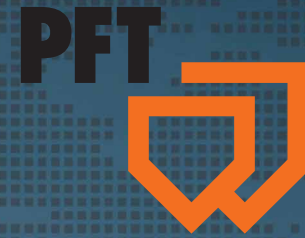
1 Part no. 20 10 36 05

1 Part no. 20 11 84 07

1 Part no. 00 23 79 08



PFT – THE FLOW OF PRODUCTIVITY



MADE IN GERMANY



Customised customer service – worldwide and always close at hand

PFT guarantees high product quality, innovative technology, tested safety, short delivery periods and a customised customer service that leaves nothing to be desired. You will therefore get PFT products only at PFT specialist dealers trained and authorised by us. We thus ensure that you always receive qualified

customer service that makes you successful: Expert advice, thorough training for operating our machines, original PFT spare parts – and all this obviously close at hand.

To find out about an authorised PFT specialist dealer closest to you, visit www.pft.eu

Dealers

Knauf PFT

Technical hotline:

- ▶ +49 9323 31-1818
- ▶ Telephone +49 9323 31-760
- ▶ Fax +49 9323 31-770
- ▶ info@pft-iphofen.de
- ▶ www.pft.eu

All rights reserved. Subject to change without prior notice. Our warranty refers only to the perfect condition of our machines. Consumption, quantity, design specifications and performance data are empirical values, which cannot be transferred automatically in case of deviating conditions. In addition, the guidelines of the material manufacturer are always applicable. Changes, reprints and photomechanical reproductions, even in parts, require the approval of Knauf PFT GmbH & Co. KG.
PFT G4 – GB/3M/1.13/ROT

Knauf PFT GmbH & Co. KG
PO Box 60
97343 Iphofen
Einersheimer Straße 53
97346 Iphofen
Germany

Knauf Gips
Dry Construction- and Soil-systems

Knauf AMF
Ceiling systems

Knauf Bauprodukte
Pro Solutions at Home

Knauf Gips/Marmorit
Plaster and facade systems

Knauf Dämmstoffe
Polystyrol Insulating Material

Marbos
Mortar Systems in Civil Engineering

Knauf Insulation
Insulating Material: Rock Wool,
Glass Wool and Wood Wool

Knauf Integral
Gypsum Fibre Technology for Soil,
Wall and Ceiling

Knauf Perlite
AQUAPANEL® Cement Boards,
Perlit

Sakret Bausysteme
Dry Mortar for New Build and
Renovation