

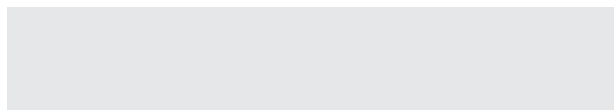


MOBILE CONVEYING PUMP PFT N 2

PFT N 2 FC 400
PFT N 2 FC 230
PFT N 2 V
PFT N 2



WE KEEP THINGS MOVING



PFT N 2

THE UNIVERSAL CONVEYING PUMP

Bonding, reinforcing or rendering – the spraying capacity of the PFT N 2 is hard to beat. With such powerful and reliable technique you can work efficiently.



WORKING PRINCIPLE:

The PFT N 2 is an electrically driven screw pump.

Both, type FC and type V permit continuous speed regulation, by means of either the built-in frequency converter or the adjustable mechanism. It can be filled out of buckets, silo or screw mixer.

The machine consists of single portable modular parts which can be easily transported, even in confined areas.

ADVANTAGES AT A GLANCE:

- ▶ handy, light weight and easily changeable
- ▶ universal applications
- ▶ for liquids, pasty materials and mixed dry premixed mortars
- ▶ universal filling with buckets, as well as from silos or screw mixers
- ▶ low filling height
- ▶ high conveying distance and conveying height
- ▶ variable pump and spraying output due to infinite drive geared motor
- ▶ can be turned on and off by pressure control or remote control
- ▶ comfortable pump change
- ▶ large castors of 230 mm Ø
- ▶ easy and fast cleaning
- ▶ standard compressor connection
- ▶ easily transportable in an estate car
- ▶ removable and light control unit
- ▶ gearbox with oilsealing unit incl. grease lubrication (without grease nipple)
- ▶ quiet electric motor
- ▶ powdered paint
- ▶ clear manual
- ▶ approved by European standards



FIELD OF APPLICATION:

- ▶ all pumpable **premixed mortars** such as:
 - adhesive mortar
 - armation mortar
 - plastic mortar
 - silicate mortar
 - SPCC restoration mortar
 - compound materials
- ▶ For **wet mortars** and **pasty materials** such as: finishing render with a grain up to 3 mm, e.g.
 - texture coats
 - Bentonit
- ▶ For **liquid materials** such as:
 - dispersion paints
 - primers
 - Betokontakt

Easy transportation in an estate car.



Easy and fast cleaning due to special cleaning openings.



With the aid of PFT bag squeezer, plastic bags with pasty materials are completely emptied.

Gearbox with oilsealing unit incl. grease lubrication (without grease nipple).



Snap locks allow easy disassembly and change without tools.



PFT N 2 with pump tube and material hopper F 2.

PFT N 2 with pump tube F 2 and flexible hose with delivery hopper.



PFT N 2 V



Connection with PFT HM 104



PFT N 2



Connection with PFT MULTIMIX



PFT N 2 FC 400



PFT N 2 FC 230

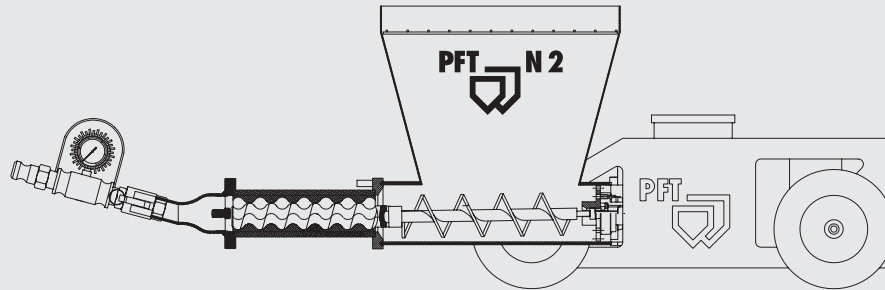


Connection with PFT MULTIMIX

WORKING PRINCIPLE:

The PFT N 2 can be filled with pumpable mortars, compounds and liquids.

Through the pump shaft, the material is transported to the rotor and then pumped through the hose. Application by spraying gun is possible.

**TECHNICAL DATA:**

Description:	PFT N 2 FC 400	PFT N 2 FC 230	PFT N 2 V	PFT N 2
Part No.:	20 17 13 35	20 17 13 21	20 17 13 32	20 17 13 30
Power:	400 V, 25 – 70 Hz	230 V, 25 – 70 Hz	400 V, 50 Hz	400 V, 50 Hz
	5.5 kW geared motor	2.2 kW geared motor	3.0 kW variable motor	4.0 kW geared motor
Rpm:	90 – 250 rpm	60 – 190 rpm	50 – 340 rpm	280 rpm
Current input:	12 A	11 A	6.7 A	8.3 A
Power supply:	400 V 3 phase 16 A	230 V 1 phase 16 A	400 V 3 phase 16 A	400 V 3 phase 16 A
Main fuse:	3 x 16 A	1 x 16 A	3 x 16 A	3 x 16 A
Generator:	min. 10 kVA	min. 7 kVA	min. 13 kVA	min. 13 kVA
Pump:	TWISTER D 6–3	TWISTER D 8–1,5 P	TWISTER D 6–3 Pin	TWISTER D 6–3 Pin
Conveying capacity:*	4 – 13 l/min	5 – 16 l/min	3 – 20 l/min	17 l/min
Conveying distance:*	up to 40 m	up to 30 m	up to 30 m	up to 50 m
Conveying height:*	up to 30 m	up to 20 m	up to 30 m	up to 50 m
Maximum pressure:	up to max. 30 bar	up to max. 15 bar	up to 30 bar	up to 40 bar
Remote control:	via air or 42 V security current	via air or 42 V security current	via air or 42 V security current	via air or 42 V security current

* above mentioned figures depend on mortar quality, mortar composition, mortar consistency, pump version, condition of pump, diameter of conveying hose and conveying height. Please observe instructions of mortar manufacturers.

DIMENSION AND WEIGHT:

Dimensions:	N 2 FC 400	N 2 FC 230	N 2 V	N 2
Filling height:	590 mm	590 mm	590 mm	590 mm
Contents of material hopper:	50 l	50 l	50 l	50 l
Extension hopper:	approx. 70 l	approx. 70 l	approx. 70 l	approx. 70 l
Total length:	1,600 mm	1,600 mm	1,560 mm	1,560 mm
Total width:	600 mm	570 mm	570 mm	570 mm
Total height:	590 mm	590 mm	700 mm	590 mm

Individual weights:	N 2 FC 400	N 2 FC 230	N 2 V	N 2
Motor with chassis:	100 kg	69 kg	95 kg	60 kg
Control unit:	25 kg	25 kg	18 kg	10 kg
Hopper with pump:	37 kg	37 kg	37 kg	37 kg
Total weight approx.:	165 kg	154 kg	152 kg	133 kg

BASIC EQUIPMENT

PFT N 2 FC 400, 5.5 kW
Control unit with FC 400
pump TWISTER D 6-3
and*

PFT N 2 FC 230, 2.2 kW
Control unit with FC 230
pump TWISTER D 8-1.5 P
and*

PFT N 2/PFT N 2 V, 3 kW
separate control unit
pump TWISTER D 6-3 P
and*



BASIC EQUIPMENT

* additional for
PFT N 2 FC 400
PFT N 2 FC 230
PFT N 2/PFT N 2 V

Pressure flange 35 mm

Adapter coupling
35 male/25 male

Motar pressure gauge
35 mm

Tool kit and
operating instruction

ACCESSORIES

PFT RONDO mortar pressure
hose 35 mm, 20 m
Part No. 00 02 11 05

PFT RONDO mortar pressure
hose 25 mm, 20 m
Part No. 00 02 11 02

PFT RONDO mortar pressure
hose 25 mm, 10 m
Part No. 00 02 11 12

Water/Air hose 1/2", 20 m,
Part No. 20 21 20 10

Cable 5 x 2,5 mm², 50 m, 16 A
Part No. 20 42 33 50



ACCESSORIES

PFT bag squeezer
Part No. 20 17 66 00

PFT extension hopper N 2
Part No. 00 02 08 11

PFT Pump tube F 2
Part No. 20 17 61 00

PFT Material hose
flexible, 0,5 m
Part No. 20 21 44 00

PFT Transfer hopper
NW 250 cpl.
Part No. 20 60 01 10

PFT Material hopper F 2 cpl.
Part No. 20 17 63 00
PFT Protection grille F 2
Part No. 20 17 62 00



Remote control cable 50 m
with ON/OFF switch and
control lamp
Part No. 20 45 69 24

Remote control cable 50 m
with ON/OFF switch on
cable drum
Part No. 20 45 69 16

Extension cable 25 m for
remote control cable
Part No. 20 45 69 31

PFT Spraying gun for
texture coats
Part No. 20 19 59 00

PFT JETSET
Part No. 00 02 03 88

PFT Spraying gun with
nozzle M20 for Betokontakt
Part No. 00 05 66 74

PFT Spraying gun
nozzle tube 12 mm Ø
Part No. 20 19 63 00
nozzle tube 15 mm Ø
Part No. 20 19 64 00

PFT screen for Betokontakt
Part No. 20 16 25 00



PFT Air compressor LK 604
400 V, 600 l/min
Part No. 00 05 55 11
PFT Air compressor LK 402
230 V, 400 l/min
Part No. 00 05 41 74
e.g. for SPCC restoration
mortar or pasty materials

PFT Air compressor K 2 N with
automatic switch-off device
400 V, 250 l/min
Part No. 20 13 00 17

PFT spiral pump shaft UP
Part No. 20 17 24 09

EVERYTHING AT A GLANCE



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PFT CONTAINERS & SILOS

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