

OptiFeed Box (FPS19)

Fresh powder transport from the original container

The OptiFeed Box (FPS19) fresh powder system is designed for conveying the powder directly from the original powder manufacturer's container.

The OptiFeed 4.0 powder pump transports the powder from the original powder box up to a distance of 25 meters.

The equipment technology includes:

- Mobile trolley with vibrating table
- Suction unit with integrated fluidization
- OptiFeed 4.0 (Type PP07-S)

Key advantages of the OptiFeed 4.0 at a glance:

- Conveying of large quantities of powder across long distances and different height levels
- Gentle conveying of powder with minimal air flow
- Cleaning program in suction and conveying direction
- Wear part monitoring
- Level sensor connection
- Suitable for organic and enamel powder
- Easy to put into operation



PP07 Powder Pump

From powder
box



To desired
powder
destination

Technical Data* OptiFeed Box (FPS19)

Max. load:	Powder boxes up to 25 kg
Powder output:	<8 m = 6 kg/min 8 – 16 m = 4,5 kg/min 16 – 25 m = 4 kg/min
Connection 2.6:	Vibrator (OUT 100 – 240 VAC)
Connection AUX:	Level Sensor
Compressed air input pressure:	6 – 8 bar
Compressed air input consumption:	12 Nm ³ /h for the OptiFeed 4.0 0.5 Nm ³ /h for the suction unit fluidization
Compressed air quality:	max. water vapor content 1.3 g/m ³ max. oil content 0.1 mg/m ³
Nominal Input voltage:	100 – 240 VAC ± 10 %
Frequency:	50 / 60 Hz
Input power value (Connected load):	120 VA
Applicable powder:	Organic, Enamel
Approvals:	CE II 3 D IP54 85 °C

* The indicated conveying performance are reference values. Possible deviations are dependent on the powder, powder type, conditioning and powder transportation distance.

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Gema Switzerland reserves the right to make technical changes without notice!

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