

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 PP06 Powder pump transports the powder from the original powder box up to a distance of 25 meters.

The equipment technology includes:

- Container vibration
- Suction lance with integrated fluidization

The key advantages of the PP06 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
- Powder hose cleaning
- Option to connect superior control systems
- Suitable for organic, metallic and enamel powder
- Servicing interval monitoring
- Easy to put into operation



Technical Data OptiFeed Box (FPS19)

PP06 Powder Pump

From powder
container



To powder
consumption



Level sensor connection

System control connection

Suction length	max. 6 m
Suction height	max. 5 m
Conveying distance up to 8 m	performance 5 kg/min
Conveying distance 8 to 16 m	performance 4 kg/min
Conveying distance up to 25 m	performance 3,5 kg/min
Compressed air pressure:	max. 8 bar / min. 6 bar
Air consumption:	complete system 8 – 11 Nm ³ /h transport 2 – 5 Nm ³ /h
Compressed air quality:	max. water vapor content 1,3 g/m ³ max. oil vapor content 0,1 mg/m ³
Input voltage:	100 – 240 VAC
Frequency:	50 / 60 Hz
Power:	120 VA
Protection class:	CE  II 3 D IP54 120 °C
Applicable powders:	organic and metallic powder enamel powder with PP06-E

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

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