OptiFeed Drum (FPS11)

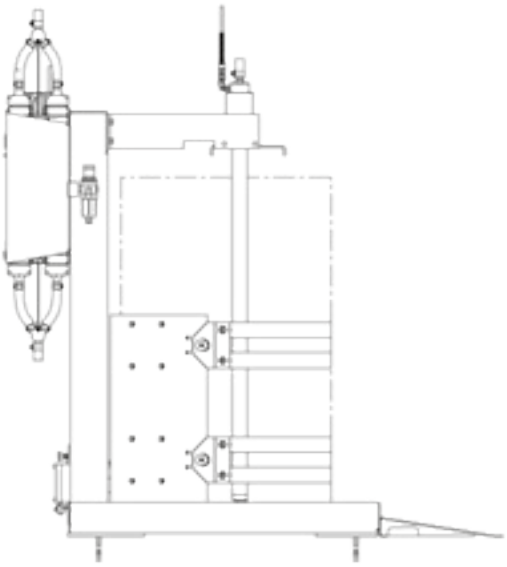
Powder transport from drum containers

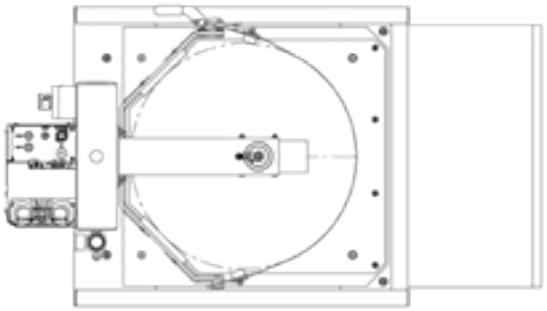
The OptiFeed Drum (FPS11) fresh powder system is designed for conveying the powder from drum containers.

The OptiFeed 4.0 powder pump transports the powder from the original container.

Standard equipment technology includes:
- Container vibration
- Suction unit with integrated fluidization
- OptiFeed 4.0

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
- Suitable for organic and enamel powder
- Option to connect to superior control systems
- Easy to put into operation





Technical data*
OptiFeed Drum (FPS11)

Base area:	730 mm x 1168 mm
Height:	1350 mm
Container sizes:	max. diameter 600 mm max. height 900 mm
Powder output for each OptiFeed 4.0:	< 8 m = 6 kg/min 8 – 16 m = 4,5 kg/min 16 – 25 m = 4 kg/min
Compressed air input pressure:	6 – 8 bar
Compressed air consumption:	12 Nm^3/h for each OptiFeed 4.0 max. 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:	3 x 230 / 400 VAC
Frequency:	50 / 60 Hz
Input power value (Connected load):	160 VA
Applicable powder:	Organic, Enamel

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

Configurations

The FPS11 can be equipped with one or two OptiFeed 4.0 (PP07-S) pumps. The additional OptiFeed 4.0 will be placed on a stand next to the unit.

Optional: Injector based conveying technology for the OptiFeed Drum (FPS11)

- 1 – 4 Injector (Type EP06) for enamel powder
- 1 – 4 Injector (Type PP02) for standard powder

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