

# 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 Nm³/h<br>transport 2 – 5 Nm³/h   |
| Compressed air quality:       | max. water vapor content<br>1,3 g/m³<br>max. oil vapor content<br>0,1 mg/m³                                 |
| 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<br>enamel powder with PP06-E  |

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

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