



SFM-PCU

The SFM-PCU ist compatible with the Solukon systems SFM-AT1000-S and SFM-AT800-S.

Powder Collection Unit for a safe and efficient powder handling

The Solukon Powder Collection Unit SFM-PCU is an automated powder conveying system for metal powders.

With the help of the integrated vacuum conveyor system, the SFM-PCU vacuums up the powder at a sensor-monitored transfer point.

It then goes through a hose and is gently transported into a large container. The filling level inside the container is scanned by a sensor and can also be checked through large inspection windows.

Thanks to the direct digital connection to the Solukon depowdering system, users always have a real-time overview of the process status.

The SFM-PCU can be coupled to up to three single material Solukon systems.

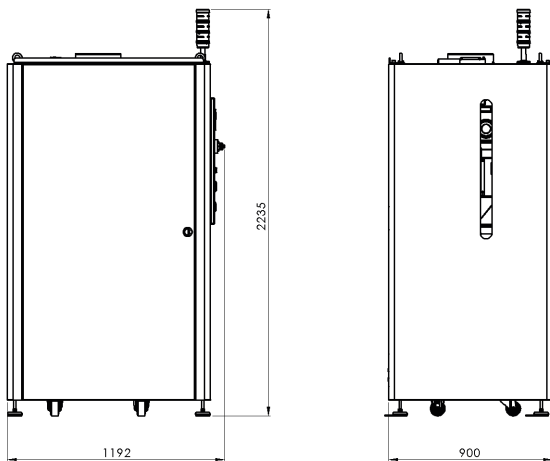


Features

- Pneumatic vacuum conveyor
- Rollable container with a capacity of more than 100 liters
- Filling level monitoring
- Real-time monitoring via digital interface to the Solukon depowdering system
- Automatic start-stop-function when conveying from the Solukon system
- Neutral interface to a recycling station

Advantages

- Safe and efficient powder handling
- Rollable and exchangeable container
- Ingestion-free design
- Suitable for all metal powders
- Simultaneous connection to up to three single-material Solukon systems



SYSTEM SPECIFICATIONS

Installation space (W x D x H)	2.500 x 2.000 x 2.300 mm
Weight	425 kg
Mains voltage / frequency	120 - 230 / 50 - 60 V / Hz
Power consumption	60 W
Power supply	2,3 A
Conveyor line	max. 20 m
Conveying height	max. 3 m
Vacuum power	4200 l/h

COMPRESSED AIR

Working pressure	6 bar
Consumption	max. 450 l/min

*only with inert gas infusion option