

Material Management using IPCM-M extra:

→ Up to 50% faster conveying

→ Up to 50% longer sieve lifetime

Enables highest product quality

- Semi-automated sieving ensures consistent process conditions for reliable part production
- Easy to perform material quality assurance between jobs if desired
- Suitable for quality management systems, e.g. material tracing, storage of material batches with identification

Optimises productivity and economics

- Quicker emptying and filling of system even with large material volumes
- Material handling (sieving etc.) can be done parallel to part production

Offers high level of user-friendliness and safety

- Quick, non-contact, dust-free material handling
- Easy and safe lifting and transport of building platforms and jobs

Flexible modular concept

- IPCM-M extra modules can be combined with multiple systems and materials
- Easily scalable to meet increase in capacity by adding modules

Comfort Powder Module

- Reduces risk of material exposure and contact
- More comfortable personal protective equipment, same level of safety
- Compatibly with IPCM-M extra ensures flexibility in material handling

Technical Data

Powder Conveying Module

Application	Conveying of metal powder material
Compressed air supply	5.5–6 bar, up to 1,204 NI/min
Power supply	100–240 V, 0.1 kW
Dimension (W x D x H)	770 x 690 x 2,060 mm

Powder Sieving Module

Application	Sieving of metal powder material
Mesh size	Standard 63 µm, other sizes possible
Operation principle	Vibratory sieving with ultrasonic deblinding
Power supply	400 V, 115 W
Dimension (W x D x H)	750 x 790 x 1,510 mm

Lifting Trolley

Application	Handling of material containers/building platforms
Max. load	130 kg
Stroke	2,000 mm
Power supply	Battery 24 V, 9 Ah
Dimension (W x D x H)	525 x 800 x 2,320 mm