Integrated Process Chain Management (IPCM–M)

→ Enables highest product quality
→ Optimizes productivity and economics
→ Offers high level of user-friendliness and safety
→ Based on a flexible modular concept
→ Independent of system
→ Compatible with production environments
→ NEW: M 280 Comfort Powder Module
Benefits of Material Management using IPCM-M

Enables highest product quality
- Automated sieving ensures consistent process conditions for reliable part production
- Easy to perform material quality assurance between jobs if desired

Optimizes productivity and economics
- Quick emptying and filling of system, also with large material volumes
- Rapid unattended sieving, also with large material volumes

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
- Modules can be easily exchanged or added
- Easily scalable, e.g. to increase capacity

Independent of system
- Material handling (sieving etc.) can be done parallel to part production
- IPCM-M modules can be ideally combined with different numbers of systems and materials

Compatible with production environments
- Suitable and efficient for large material volumes
- Suitable for quality management systems, e.g. material tracing, storage of material batches with identification

NEW: M 280 Comfort Powder Module
- Reduces risk of material exposure and contact
- More comfortable personal protective equipment, same level of safety
- Compatibly with IPCM-M ensures flexibility in material handling

Technical Data

### Conveying module

<table>
<thead>
<tr>
<th>Application</th>
<th>Conveying of metal material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressed air supply</td>
<td>5.6 bar, 430 NI/min</td>
</tr>
<tr>
<td>Power supply</td>
<td>Not necessary, only earth wire</td>
</tr>
<tr>
<td>ATEX classification</td>
<td>Certified for use in potentially explosive atmosphere – Group II, Category 1D T100 °C</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>750 x 750 x 1,710 mm</td>
</tr>
</tbody>
</table>

### Sieving module

<table>
<thead>
<tr>
<th>Application</th>
<th>Sieving of metal material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mesh size</td>
<td>Standard 63 μm, other sizes possible</td>
</tr>
<tr>
<td>Operating principle</td>
<td>Vibratory sieving with ultrasonic deblinding</td>
</tr>
<tr>
<td>Power supply</td>
<td>400 V, 115 W</td>
</tr>
<tr>
<td>ATEX classification</td>
<td>Certified for use in potentially explosive atmosphere – Group II, Category 1D T100 °C</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>750 x 790 x 1,510 mm</td>
</tr>
</tbody>
</table>

### Lifting trolley

<table>
<thead>
<tr>
<th>Application</th>
<th>Handling of material containers/building platforms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. load</td>
<td>130 kg</td>
</tr>
<tr>
<td>Stroke</td>
<td>2,000 mm</td>
</tr>
<tr>
<td>Power supply</td>
<td>Battery 24 V, 9 Ah</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>525 x 800 x 2,320 mm</td>
</tr>
</tbody>
</table>

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