



IPM M Powder Station L
Fully automatic material management designed
for industrial additive manufacturing



IPM M Powder Station L

The intelligent closed-loop material handling solution designed specifically for industrial 3D printing

With its automated powder conveying and sieving, the IPM M Powder Station L ensures consistent process conditions for the material which in turn contributes to reliable part production.

- Automatic feeding of up to 3 EOS M 400 and/or EOS M 400-4 with powder material before and during building cycle ensures sufficient powder at all times
- Compatible with large powder containers for convenient filling with material
- Powder cycle under inert gas reduces the material's oxygen contact to a minimum
- Controlled feeding prevents clogging and desegregation of powder during conveying thus ensuring consistent conditions
- Operator safety ensured as there is no open material handling throughout the entire cycle
- Default settings per powder for different sieving speeds are available and can easily be customized

Technical data IPM M Powder Station L

Sieving performance	approx.. 0.75 – 2.3 l/min vibratory sieving with ultrasonic cleaning	
Conveying performance	approx. 12 – 25 l/min	
Mesh size	standard 63 µm, optional 75, 90 µm	
Operating gas	argon, nitrogen, atmosphere	
Capacity	up to 200 liters	
Power supply	EU: 400V 3~/N/PE	US: 200/208/240/480V 3~/N/PE
Nominal power	EU: 5.7 kW	US: 4.7 kW
Compressed air supply	5.5 – 6 bar	

Dimensions (W x D x H)

System	1,550 x 1,800 x 3,300 mm (61.0 x 70.9 x 129.9 in)
Weight	approx. 1,500 kg (3,307 lbs)

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