

METAL SOLUTIONS

EOS M 300-4 1kW

- Reliable and repeatable quality
- Up to 10 x higher productivity in Aluminium
- Easily integrated in your production environment



EXPOSURE MODULE

LASERS

4 x
1 kW

4 precise 1kW lasers expose in a 300 x 300 mm square with each laser covering the entire area.



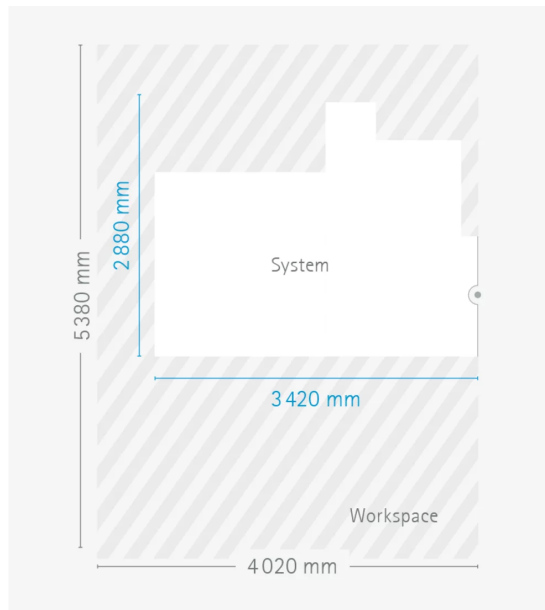
EOS M 300-4 1kW

TECHNICAL DATA

BUILD VOLUME	300 x 300 x 400* mm (11.8 x 11.8 x 15.7 in)
LASER TYPE	Yb-fiber laser; 4 x 1000 W
PRECISION OPTICS	4 F-theta-lens(es); 4 High-speed scanner(s)
SCAN SPEED	up to 7.0 m/s (23.0 ft/s)
FOCUS DIAMETER	approx. 100 µm (0.00394 in)
POWER SUPPLY	3 x 63 A
POWER CONSUMPTION	max. 19.6 kW / typical 16.0 kW
COMPRESSED AIR SUPPLY	7 Bar; 15 m³/h (102 psi; 530 ft³/h)

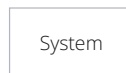
* Height includes build plate

DIMENSIONS & WEIGHT



EOS M 300-4 1kW with Flex Dispenser

Height: 2,340 mm / Weight approx. 5,500 kg



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EOS Aluminium AlSi10Mg



EOS Copper CuCP



OPTIONAL ACCESSORIES



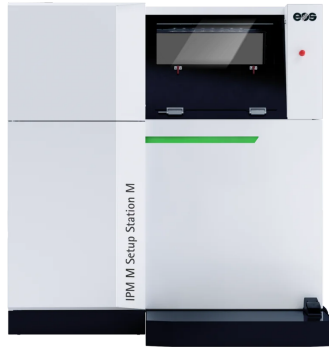
IPCM M Extra

Manual and flexible powder handling



IPM M Setup Station M

Comfortable gas-tight unpacking from two sides and under inert gas



HEADQUARTERS

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Status as of 26.08.2024. Subject to technical modifications. EOS is certified according to ISO 9001.

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