

METAL SOLUTIONS

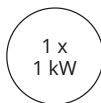
EOS M 290 1kW

→ **From Start to Part Fast:** The EOS M 290 1kW allows fast, flexible, dependable, and cost-effective production of metal parts directly from CAD data.



EXPOSURE MODULE

LASERS





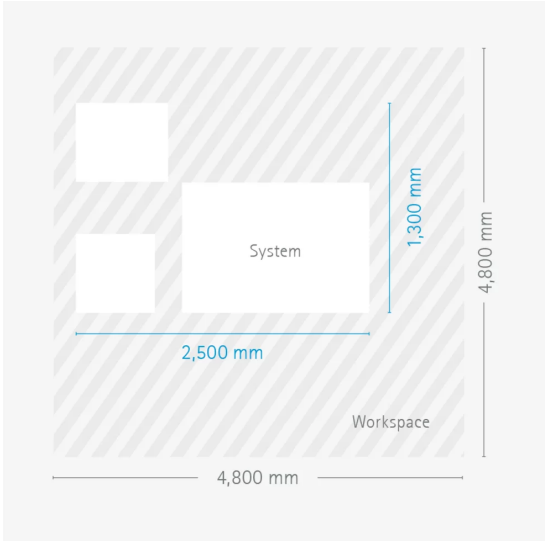
EOS M 290 1kW

TECHNICAL DATA

BUILD VOLUME	250 x 250 x 325* mm (9.8 x 9.8 x 12.8 in)
LASER TYPE	Yb-fiber laser; 1 x 1000 W
PRECISION OPTICS	1 F-theta-lens(es); 1 High-speed scanner(s)
SCAN SPEED	up to 7.0 m/s (23.0 ft/s)
FOCUS DIAMETER	approx. 90 µm (0.00354 in)
COMPRESSED AIR SUPPLY	7 Bar; 27.8 m³/h (102 psi; 982 ft³/h)

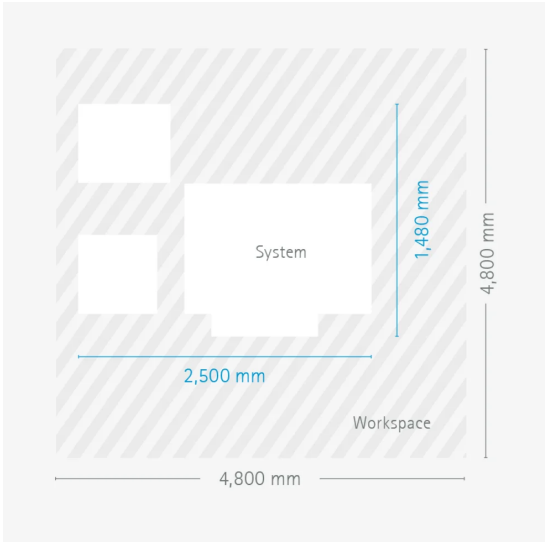
* Height includes build plate

DIMENSIONS & WEIGHT



EOS M 290 1kW

Height: 2.190 mm / Weight approx. 1.250 kg



EOS M 290 1kW with Comfort Powder Module

Height: 2.190 mm / Weight approx. 1.250 kg



EOS M 290 1kW

EOS Copper CuCP



EOS CopperAlloy CuCrZr



OPTIONAL ACCESSORIES



Comfort Powder Module

Safe handling of powder inside the process chamber

HEADQUARTERS

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Status as of 20.05.2024. Subject to technical modifications. EOS is certified according to ISO 9001.

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