

## METAL SOLUTIONS

# EOS M 290-2

- Dual 400 W lasers offer full-field overlap and quality consistent to legacy single-field system
- Increase in productivity with faster printing in the build space
- Ideal for utilization across a wide range of applications

\*System available in Q4/2024



## EXPOSURE MODULE

LASERS





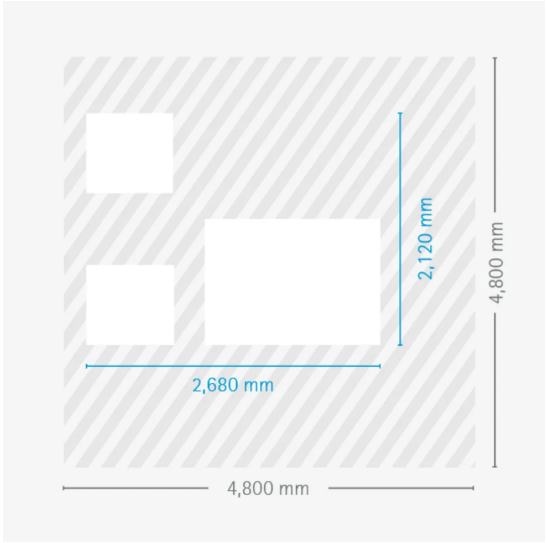
EOS M 290-2

## TECHNICAL DATA

<b>BUILD VOLUME</b>	250 x 250 x 325* mm (9.8 x 9.8 x 12.8 in)
<b>LASER TYPE</b>	Yb-fiber laser; 2 x 400 W
<b>PRECISION OPTICS</b>	2 F-theta-lens(es); 2 High-speed scanner(s)
<b>SCAN SPEED</b>	up to 7.0 m/s (23.0 ft/s)
<b>FOCUS DIAMETER</b>	approx. 85 µm (0.00335 in)
<b>POWER SUPPLY</b>	1 x 32 A
<b>POWER CONSUMPTION</b>	max. 15.0 kW / typical 15.0 kW
<b>COMPRESSED AIR SUPPLY</b>	7 Bar; 20 m³/h (102 psi; 706 ft³/h)

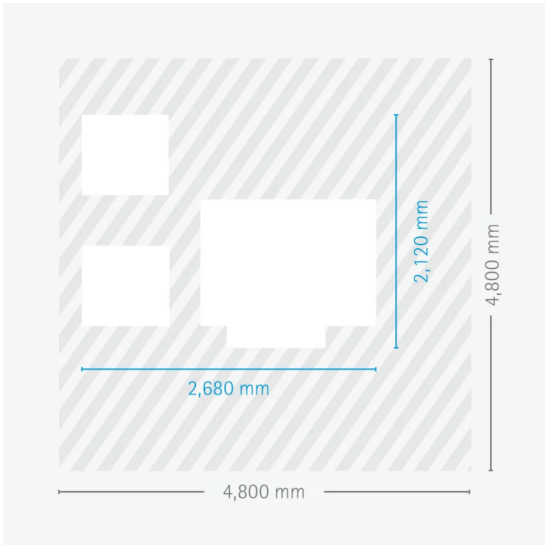
\* Height includes build plate

# DIMENSIONS & WEIGHT



## EOS M 290-2

Height: 2,400 mm / Weight approx. 1,350 kg



## EOS M 290-2 with Comfort Powder Module

Height: 2,400 mm / Weight approx. 1,350 kg



## EOS M 290-2

EOS Aluminium AlSi10Mg



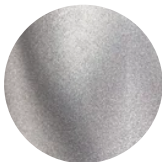
EOS StainlessSteel 316L



EOS NickelAlloy IN625



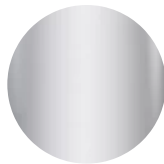
EOS Titanium Ti64



EOS NickelAlloy IN718



EOS StainlessSteel 17-4PH

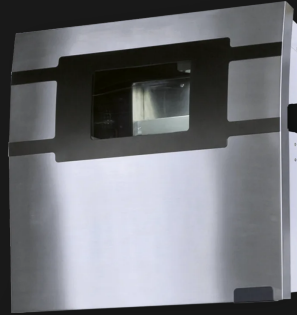


# OPTIONAL ACCESSORIES



## IPCM M Extra

Manual and flexible powder handling



## Comfort Powder Module

Safe handling of powder inside the process chamber

## HEADQUARTERS

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Status as of 21.08.2024. Subject to technical modifications. EOS is certified according to ISO 9001.

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