

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



EOS M 290-2

**Dual 400 W lasers offer increased productivity for your 3D printing production, while ensuring high performance of material properties**

The system is equipped with two 400 W lasers that offer full-field overlap and optimized laminar gas flow. This ensures the high performance of material properties. Best-in-class process quality and material library comparable to EOS M 290.

## 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 5.5 kW
<b>Compressed Air Supply</b>	7 Bar; 20 m <sup>3</sup> /h (102 psi; 706 ft <sup>3</sup> /h)

\* Including build platform and application dependent.

# MATERIALS & PROCESSES

EOS has exceptional materials expertise and a comprehensive portfolio of highly developed materials for additive manufacturing. Our materials, systems and process parameters fit together optimally. With the right materials, you can realize the desired property profiles in the best possible way for your products

\* Including build platform and application dependent.

## EOS M 290-2

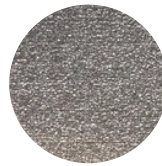
EOS Aluminium AlSi10Mg



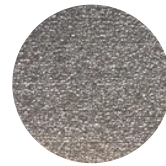
EOS NickelAlloy IN625



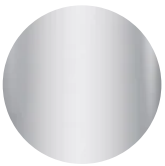
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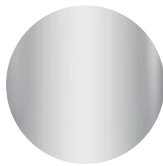
EOS NickelAlloy IN718 API



EOS StainlessSteel 17-4PH



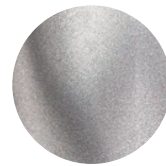
EOS StainlessSteel 316L-4404



EOS StainlessSteel 316L-4441



EOS Titanium Ti64



## 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 18.05.2026. Subject to technical modifications. EOS is certified according to ISO 9001.

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