

METAL SOLUTIONS

EOS M4 ONYX

- Up to 50% higher productivity
- 6x 400-watt fiber lasers
- +25% more build volume of 450 x 450 x 400 mm



EXPOSURE MODULE

LASERS

6 x
400 W

The Yb fiber lasers with their fixed focus expose a square 450 x 450 mm area.



EOS M4 ONYX

TECHNICAL DATA

BUILD VOLUME	450 x 450 x 400* mm (17.7 x 17.7 x 15.7 in)
LASER TYPE	Yb-fiber laser; 6 x 400 W
PRECISION OPTICS	6 F-theta-lens(es); 6 High-speed scanner(s)
SCAN SPEED	up to 7.0 m/s (23.0 ft/s)
FOCUS DIAMETER	approx. 90 µm (0.00354 in)
POWER SUPPLY	3 x 54 A
POWER CONSUMPTION	max. 45.0 kW / typical 29.0 kW
COMPRESSED AIR SUPPLY	7 Bar; 20 m³/h (102 psi; 706 ft³/h)

* M 290 Series: including build platform and application dependent. M 300, M 400 & M4 ONYX Series: including build platform.

** For machine dimensions, please [contact us](#)

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

EOS M4 ONYX

EOS NickelAlloy IN718



EOS Titanium Ti64



OPTIONAL ACCESSORIES



Simplified Volkmann Automated Powder Handling Solutions - EOS Edition

Automated closed loop powder handling solution that convey, sieve, and load metal materials

HEADQUARTERS

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Status as of 21.01.2026. Subject to technical modifications. EOS is certified according to ISO 9001.

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