

METAL SOLUTIONS

EOS M 300-4



- **Boost Your Productivity:** Versatile lasers, different automation options, and an adaptable design add up to game-changing productivity gains.
- **Consistent Quality:** Exceptional performance and stability to consistently deliver high-quality components at a reduced cost per part.
- **Designed to Grow:** The EOS M 300-4 platform offers the flexibility to easily ramp-up as your production demand increases.

EXPOSURE MODULE

LASERS



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

SOFTWARE



EOS BUILD / BUILD+

EOS Build subscriptions offer enhanced EOSPRINT features for multiple users with flexible material management; Build+ adds more licenses, advanced materials, and training for up to 5 users.



EOS SMART MONITORING

EOS Smart Monitoring utilizes Exposure OT for comprehensive build monitoring and pairs it with Smart Fusion to regulate heat within set parameters in collaboration with EOS Build/Build+.



EOS DATA INSIGHTS

Data Insights offers unparalleled insights into machine performance — either individually or as a whole park of devices.



EOS SYSTEM SUITE

EOS System Suite optimizes production by streamlining processes, integrating with MES and shop-floor IT systems, and generating detailed quality reports.



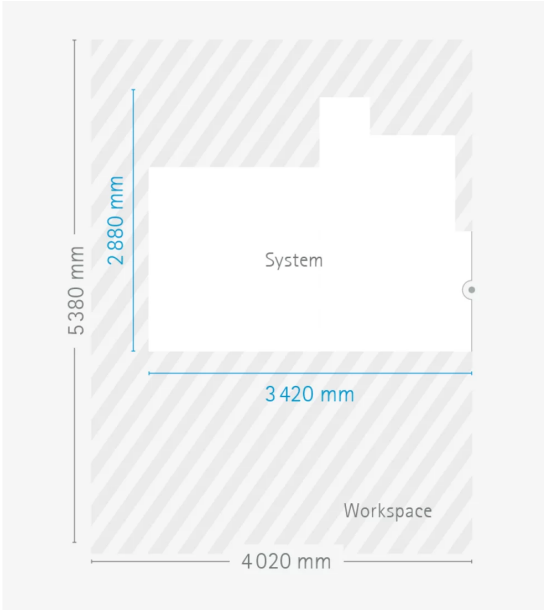
EOS M 300-4

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 400 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 CONSUMPTION	max. 19.6 kW / typical 16 kW
COMPRESSED AIR SUPPLY	7 Bar; 15 m³/h (102 psi; 530 ft³/h)

* Height includes build plate

DIMENSIONS & WEIGHT

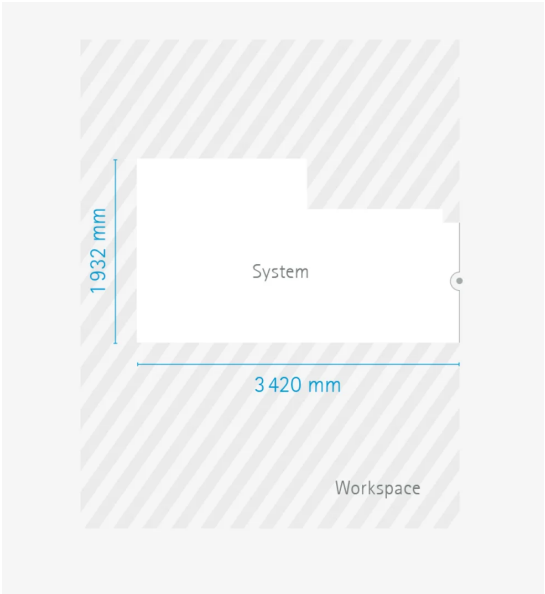


EOS M 300-4 with Flex Dispenser

Height: 2.340 mm / Weight approx. 6.600 kg

System

Workspace



EOS M 300-4 with Integrated Dispenser*

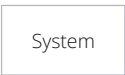
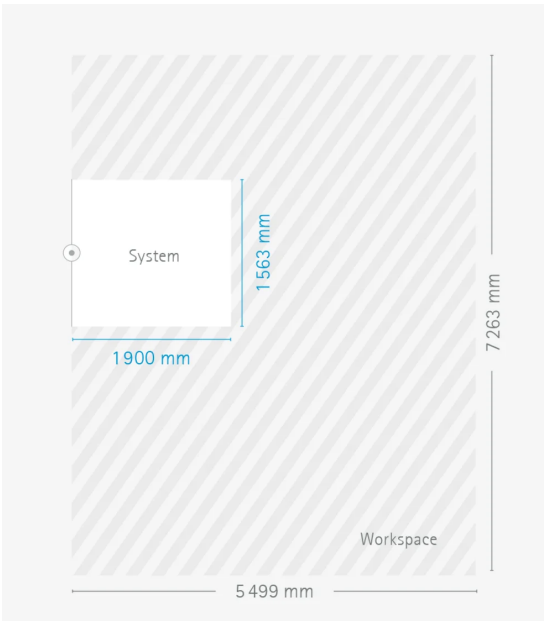
Height: 0 mm / Weight approx. 0 kg

System

Workspace

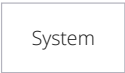
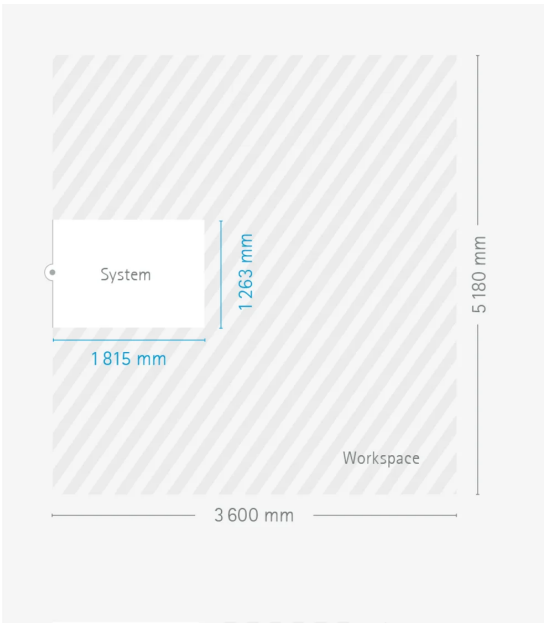
EOS Transfer Station M

Height: 1.300 mm / Weight approx. 1.000 kg



IPM M Setup Station M*

Height: 2.000 mm / Weight approx. 1.400 kg



EOS M 300-4

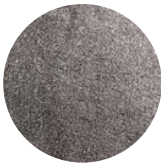
EOS Aluminium AlSi10Mg



EOS MaragingSteel MS1



EOS NickelAlloy IN625



EOS NickelAlloy IN718



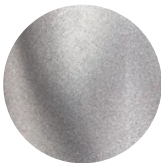
EOS StainlessSteel 17-4PH



EOS StainlessSteel 316L



EOS Titanium Ti64

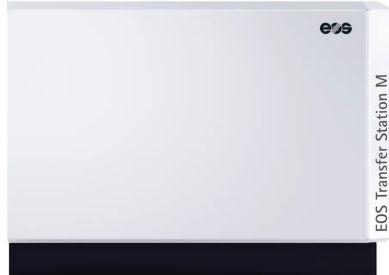


OPTIONAL ACCESSORIES



IPCM M Extra

Manual and flexible powder handling



EOS Transfer Station M

Fast switch over of the exchangeable frame



IPM M Setup Station M

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



Unpack Module

Automated unpacking and easy integration in the IPM M Setup Station M

HEADQUARTERS

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Status as of 18.05.2024. Subject to technical modifications. EOS is certified according to ISO 9001.

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