

XM300G SERIES

MID-SIZE METAL 3D PRINTING AT AN AFFORDABLE PRICE



INDUSTRIAL SPEED & PERFORMANCE AT AN AFFORDABLE PRICE

The XM300G family is a highly flexible single-, dual-, or quad-laser system that introduces industrial speed and performance at an affordable price, allowing small-to-medium companies to benefit from metal laser powder-bed fusion technology. To increase print speeds, the XM300G provides 100% overlapping print zones over the entirety of the work area with the option of one, two or four independent lasers.

A large 300 x 300 x 350 mm build volume, upgradable to 300 x 300 x 450 mm, a selection of 400W or 700W fiber lasers, and an interchangeable build platform to reduce printing cycle time, makes the XM300G well-positioned to support a wide variety of additive manufacturing applications.

XM300G FEATURES

- > Large build volume
- > Single, dual or quad independent lasers with 100% overlapping print zones
- > High performance galvanometer with dynamic spot size
- > Easily removable and interchangeable build platform
- > Modern software architecture
- > Open material platform


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TECHNICAL SPECS

Build Volume	300 x 300 x 350 mm
Laser Type¹	Yb Fiber Laser, 400W or 700W XM300G - Single laser XM300G2 - Dual laser XM300G4 - Quad laser 100% overlapping print zones
Build Speed	11.5 cc/hr (400W, Single laser)
Jogging Speed	21.3 m/sec
Live Adjustable Spot Size	100 µm with dynamic spot size (70-140 µm)
Layer Thickness	20 up to 100 µm
Build Platform	<ul style="list-style-type: none"> • Removable build platform • Option for depowdering station
User Interface	24" intuitive user-friendly touch screen
Electrical	Three phase power
Exterior Dimensions	2,019 x 845 x 2,390 mm - W x D x H
Weight	<ul style="list-style-type: none"> • XM300G - 726 kgs • XM300G2 - 816 kgs • XM300G4 - 907 kgs *Approximate Weights
Powder Options²	<ul style="list-style-type: none"> • Aluminum Si10Mg • Bronze, Copper (C18150) • Stainless Steel: 316L, 17-4 PH, 15-5, 400 Series • Super Alloys: 718, 625, Cobalt Chrome F75, Hastelloy® X, • Titanium Ti64 • Tooling Steels: Maraging M300

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1. Class 1 Laser Product, 2. Availability of parameters available on request