

# XM300G SERIES

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MID-SIZE METAL 3D PRINTING AT AN AFFORDABLE PRICE



XACT METAL

# 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

## TECHNICAL SPECS

<b>Build Volume</b>	300 x 300 x 350 mm
<b>Laser Type<sup>1</sup></b>	Yb Fiber Laser, 400W or 700W <b>XM300G</b> - Single laser <b>XM300G2</b> - Dual laser <b>XM300G4</b> - Quad laser 100% overlapping print zones
<b>Build Speed</b>	11.5 cc/hr (400W, Single laser)
<b>Jogging Speed</b>	21.3 m/sec
<b>Live Adjustable Spot Size</b>	100 µm with dynamic spot size (70-140 µm)
<b>Layer Thickness</b>	20 up to 100 µm
<b>Build Platform</b>	<ul style="list-style-type: none"><li>• Removable build platform</li><li>• Option for depowdering station</li></ul>
<b>User Interface</b>	24" intuitive user-friendly touch screen
<b>Electrical</b>	Three phase power
<b>Exterior Dimensions</b>	2,019 x 845 x 2,390 mm - W x D x H
<b>Weight</b>	<ul style="list-style-type: none"><li>• <b>XM300G</b> - 726 kgs</li><li>• <b>XM300G2</b> - 816 kgs</li><li>• <b>XM300G4</b> - 907 kgs</li></ul> *Approximate Weights
<b>Powder Options<sup>2</sup></b>	<ul style="list-style-type: none"><li>• Aluminum Si10Mg</li><li>• Bronze, Copper (C18150)</li><li>• Stainless Steel: 316L, 17-4 PH, 15-5, 400 Series</li><li>• Super Alloys: 718, 625, Cobalt Chrome F75, Hastelloy® X,</li><li>• Titanium Ti64</li><li>• Tooling Steels: Maraging M300</li></ul>



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