

XM200G SERIES

**PERFORMANCE METAL 3D PRINTING
AT AN AFFORDABLE PRICE**



XACT METAL

A HIGHLY CONFIGURABLE COMBINATION OF INDUSTRIAL SPEED & PERFORMANCE AT AN AFFORDABLE PRICE

Xact Metal 3D printers combine the critical additive manufacturing specifications of metal powder-bed fusion (SLM/DMLS) with cutting-edge technology to offer uncompromised as-printed part quality at an affordable price.

The XM200G printer series meets the specification demands of high-performance applications in manufacturing, research & development and other uses where print speed, part quality, and affordable price are essential.

XM200G FEATURES

- Single or dual⁵ 100, 200 or 400W fiber laser option
- Overlapping dual-laser work-areas
 - 100% with a 100 µm spot size
 - 66% using a 50 µm spot size
- High-speed galvanometer with standard, performing or water-cooled option
- Premium F-theta lens for micron consistency across scan field
- Optional spot sizes
 - 50 µm or 100 µm
- Large build volume
- Small footprint
- Modern software architecture
- Open material and open parameters
- Integrated powder handling

TECHNICAL SPECS

Build Volume⁴	1500 x 150 mm or 125 x 125 x 125 mm
Laser Type¹	• XM200G - Single 100W, 200W, or 400W Yb fiber laser • XM200G2 - Dual 100W, 200W, or 400W Yb fiber lasers
Build Speed	• XM200G - ~6 to 9 cc/hr • XM200G2 - ~12 to 16 cc/hr
Jogging Speed	Up to 20.7 m/sec (Standard galvo), 34.6 m/sec (Performance galvo)
Precision Optics Spot Size	Approximately 50 or 100 µm
Layer Thickness	20 up to 100 µm
Glovebox	Available
User Interface	21" intuitive user-friendly touch screen
Electrical²	Power Supply 100-120/200-240 VAC Single Phase, 50/60 Hz 1.5 kW, 2.0 kW Peak
Exterior Dimensions	650 x 80 x 1,930 mm ³ - W x D x H (25.6 x 30.7 x 76 in ³)
Weight	• XM200G - ~380 kgs (~840 lbs) • XM200G2 - ~425 kgs (~940 lbs)
Powder Options³	• 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