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 use cases in manufacturing, research & development and other applications where print speed, part quality, and affordable price is essential.

XM200G FEATURES

- Single or Dual laser
- Overlapping dual-laser work-areas
- High-speed galvanometer with water-cooled performance option
- Premium F-theta lens for optimized micron consistency across scan field
- Large build volume
- Small footprint
- Modern software architecture
- Open material platform
- Integrated powder handling

TECHNICAL SPECS

Build Volume	150 x 150 x 150 mm (5.9 x 5.9 x 5.9 in)
Laser Type[1]	• **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	50 or 100 µm
Layer Thickness	20 up to 100 µm
Glovebox	Available
User Interface	18.5" intuitive user-friendly touch screen
Electrical[2]	Power Supply 100-120/200-240 VAC Single Phase, 50/60 Hz 1.5 kW, 2.0 kW Peak
Exterior Dimensions	650 x 780 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 Options[3]	• 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. Not all configurations available on 120 volts,
3. Availability of parameters available on request