

# XM200G SERIES

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PERFORMANCE METAL 3D PRINTING  
AT AN AFFORDABLE PRICE



# 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

<b>Build Volume</b>	150 x 150 x 150 mm (5.9 x 5.9 x 5.9 in)
<b>Laser Type<sup>1</sup></b>	<ul style="list-style-type: none"> <li>• <b>XM200G</b> - Single 100W, 200W, or 400W Yb fiber laser</li> <li>• <b>XM200G2</b> - Dual 100W, 200W, or 400W Yb fiber lasers</li> </ul>
<b>Build Speed</b>	<ul style="list-style-type: none"> <li>• <b>XM200G</b> - ~6 to 9 cc/hr</li> <li>• <b>XM200G2</b> - ~12 to 16 cc/hr</li> </ul>
<b>Jogging Speed</b>	Up to 20.7 m/sec (Standard galvo), 34.6 m/sec (Performance galvo)
<b>Precision Optics Spot Size</b>	50 or 100 µm
<b>Layer Thickness</b>	20 up to 100 µm
<b>Glovebox</b>	Available
<b>User Interface</b>	19.5" intuitive user-friendly touch screen
<b>Electrical<sup>2</sup></b>	Power Supply 100-120/200-240 VAC Single Phase, 50/60 Hz 1.5 kW, 2.0 kW Peak
<b>Exterior Dimensions</b>	650 x 780 x 1,930 mm <sup>3</sup> - W x D x H (25.6 x 30.7 x 76 in <sup>3</sup> )
<b>Weight</b>	<ul style="list-style-type: none"> <li>• <b>XM200G</b> - ~380 kgs (~840 lbs)</li> <li>• <b>XM200G2</b> - ~425 kgs (~940 lbs)</li> </ul>
<b>Powder Options<sup>3</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. Not all configurations available on 120 volts, 3. Availability of parameters available on request