

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

EnergyGroup

3D Printing Solutions for Industry

a SolidWorld Group company



TECHNICAL SPECS

Build Volume	150 x 150 x 150 mm or 125 x 125 x 125 mm
Laser Type ¹	<ul style="list-style-type: none">• XM200G - Single 100W, 200W, or 400W Yb fiber laser• XM200G2 - Dual 100W, 200W, or 400W Yb fiber lasers
Build Speed	<ul style="list-style-type: none">• 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	19.5" 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	<ul style="list-style-type: none">• XM200G - ~380 kgs (~840 lbs)• XM200G2 - ~425 kgs (~940 lbs)
Powder Options ³	<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. Not all configurations available on 120 volts,

3. Availability of parameters available on request