XM200G SERIES

PERFORMANCE METAL 3D PRINTING AT AN AFFORDABLE PRICE

XACT METAL

adroitec
...enabling you to leap forward!

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 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	50 or 100 µm
Layer Thickness	20 up to 100 µm
Glovebox	Available
User Interface	19.5” intuitive user-friendly touch screen
Electrical	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 mm3 - W x D x H (25.6 x 30.7 x 76 in3)
Weight	•**XM200G** - ~380 kgs (~840 lbs) •**XM200G2** - ~425 kgs (~940 lbs)
Powder Options	•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