

FOR IMMEDIATE RELEASE

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Xact Metal Introduces the High-Performance XM200S Metal Powder-Bed Fusion 3D Printer

STATE COLLEGE, Pa. (April 2, 2018) Xact Metal™ today announced the launch of the XM200S, high-performance metal powder-bed fusion (commonly known as selective laser melting or direct metal laser sintering) 3D Printer.

“Priced at \$130,000, the XM200S is ideal for printing of small parts where high-performance applications and print speed are critical,” said Juan Mario Gomez, CEO of Xact Metal. “The introduction of the XM200S is another example of how Xact Metal continues to combine the requirements of metal powder-bed fusion and breakthrough technology to establish a new level of price and performance for additive manufacturing.”

The XM200S printer features a large build volume of 125 in³ (5x5x5 in.) or 2048 cc³ (127x127x127 mm), a 200W Yb fiber laser and a top-of-the-line digital galvanometer mirror scanner which has a jogging speed of 12 m/sec. The system has a small footprint which allows for simple integration into the lab or manufacturing floor, prints a wide range of metals—including aluminum, stainless and tooling steel, super alloys, and titanium—and is designed in an open architecture which allows qualified users the ability to develop their own printing parameters or use their own powder.

“The XM200S uses state-of-the art technology. Precision digital optical systems provide active thermal drift compensation which eliminates warm-up times and minimizes long-term drift during printing operations. The 24-bit command resolution gives industry-leading positional accuracy,” said Matt Woods, CTO of Xact Metal. “In addition, the patent-pending recoater uses a unique “bulb” shape element to spread powder like a blade, yet provides compaction similar to a rolling element, and the compliant design allows the recoater to negotiate out-of-plane growth and continue printing.”

Xact Metal will display the XM200S at RAPID + TCT 2018 in Fort Worth, Texas April 23-26 (booth 1705). The company will also attend the Additive Manufacturing Conference in Chicago, Illinois Sep. 11-12; Formnext in Frankfurt, Germany Nov. 13-16; and the Defense Manufacturing Conference in Nashville, Tennessee Dec. 3-6.





Orders for the XM200S printer are now being taken, with shipments starting September 2018.

About Xact Metal

Xact Metal supports the next generation of innovative manufacturing solutions powered by metal 3D printing and aims to enable manufacturers to experience the benefits of high-quality 3D metal printing at the best price possible. The company is located in State College, Pennsylvania—which has been voted in the top 10 best small towns to live in and in the top 10 for start-up businesses in the United States. Xact Metal has received funding from Ben Franklin Technology Partners and operates out of The Pennsylvania State University's Innovation Park.

For more information about Xact Metal, visit: www.xactmetal.com.

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