

FOR IMMEDIATE RELEASE

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Xact Metal Introduces \$80,000 Metal Powder-Bed Fusion 3D Printer

STATE COLLEGE, Pa. (April 2, 2018) Xact Metal™ today announced the launch of the XM200C, an \$80,000 metal powder-bed fusion (commonly known as selective laser melting or direct metal laser sintering) 3D Printer.

“The XM200C makes metal powder-bed fusion available for universities, labs and small-to-medium businesses who need prototyping, casting, tooling and printing of small parts, and who could not afford these systems in the past,” said Juan Mario Gomez, CEO of Xact Metal. “In addition, when compared to bound metal deposition, atomic deposition additive manufacturing or other FDM-like metal 3D printers, metal powder-bed fusion provides high-quality and complex parts, reduces total cycle time by about 50%, and removes the need for wash/debinder and sintering/oven equipment.”

The XM200C printer features a large build volume of 125 in³ (5x5x5 in.) or 2048 cc³ (127x127x127 mm), a 100W Yb fiber laser, and a patent-pending scanner which fuses at speeds up to 500 mm/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 stainless steel, super alloys, and tooling steels—and is designed in an open architecture which allows qualified users the ability to develop their own printing parameters or use their own powder.

“Making metal powder-bed fusion less expensive requires innovation,” said Matt Woods, CTO of Xact Metal. “Xact Metal’s printing technology is built on the patent-pending Xact Core™, a high-speed gantry system platform that uses light, simple mirrors to move quickly and consistently above the powder bed on an X-Y axis and lowers the overall system cost. In addition, the Xact Core technology avoids the use of complex rotating galvanometer mirrors and F-theta lenses, maintains a constant laser angle across the whole build plate, and provides a simplified gas flow over the powder bed.”

Xact Metal will display the XM200C 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 XM200C printer are now being taken, with shipments starting June 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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