



FOR IMMEDIATE RELEASE

Juan Mario Gomez

Xact Metal

C: +1 (814) 777-7727

E: juanmario@xactmetal.com

Xact Metal launches mid-size industrial grade XM300 metal 3D printer based on Xact Core™ technology

FRANKFURT, Germany (Nov 14, 2017): Xact Metal launches at formnext 2017 the XM300, a mid-sized, industrial grade metal 3D printer with a large build volume of 10 x 13 x 13 in or 254 x 330 x 330 mm. The XM300 uses laser-based powder bed fusion technology and is designed for large-part development and production use.

“The XM300 uses patent-pending Xact Core™ technology, a highly scalable gantry system platform that allows light, simple mirrors to move quickly and consistently above the powder bed on the X-Y axis,” said Matt Woods, CTO of Xact Metal. “It’s equipped with two or four high-precision independent fiber lasers, meaning that parts can be printed up to four times faster. The system also has twin feed chambers, which lowers build time and increases productivity.”

The company filed a utility patent in May 2017 for its Xact Core technology, a system that uses a light-weight, high-speed X-Y gantry platform instead of expensive galvanometer mirrors to deliver the laser to the powder bed surface. “Our machine uses two translating mirrors that deflect the beam to different locations without varying the angles of incidence, keeping the beam orthogonal to the entire build surface. This generates uniform part properties without compromising on effective fusing speed of up to 1.5 m/sec,” added Woods.

“Priced between \$400,000–\$600,000 USD depending on the number of lasers, we are confident that the XM300 will create a new benchmark for price and performance in the metal additive manufacturing industry, boosting adoption rate of metal 3D printing across many industries,” said Juan Mario Gomez, CEO of Xact Metal. “In addition, the XM300’s small size reduces overall space requirements on the manufacturing floor, allowing for easy installation, handling and maintenance.”

Announced at Formnext 2017 in Frankfurt, Germany, shipments for the XM300 are scheduled to start in fall 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 metal 3D 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 the Chamber of Business and Industry of Centre County and operates out of The Pennsylvania State University's Innovation Park.

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