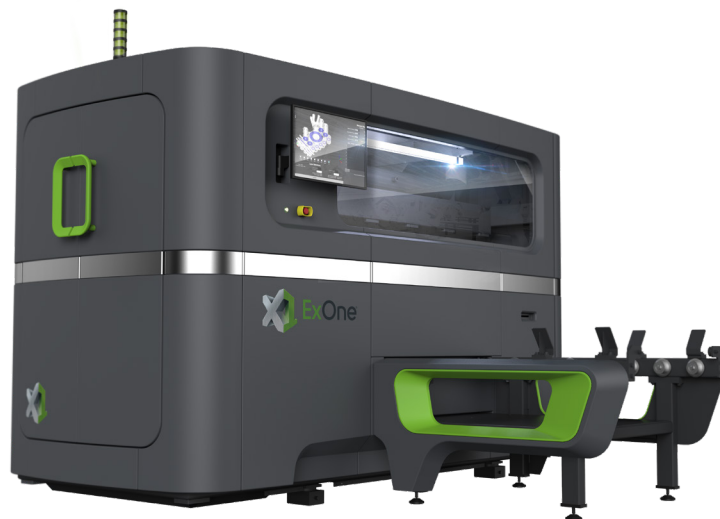


X1 160Pro

The most advanced metal binder jetting system for sustainable, high-quality production.



Announced in November 2019, the X1 160Pro is slated for commercial availability in the second half of 2020

Binder jet 3D printing for production is finally here with the X1 160Pro, the largest and tenth metal binder jetting system from ExOne. The system 3D prints more than 20 metals, ceramics and composites, and incorporates more than two decades of knowledge to deliver reliable, sustainable production of high-quality metal parts.

TECHNICAL SPECIFICATIONS

Build Box	Max. Build Rate*	Layer Height*	Build Volume	Print Resolution
800 x 500 x 400 mm (31.5 x 19.7 x 15.8 in)	More than 10,000+cm ³ /hr	30 to 200 µm	160 L (9,763 in ³)	To be announced at launch
Min. Powder Size **	External Dimensions	Weight	Electrical Requirements	Binder Systems
5 µm (D50)	3,300 x 3,300 x 2,700 mm (130 x 130 x 107 in)	To be announced at launch	To be announced at launch	Aqueous, Solvent, Phenolic

* Depending on material

** Including standard MIM powders

SYSTEM BENEFITS

- 3D prints more than 20 metals, ceramics and composites
- Offers more than 2.5 times the build volume of competing systems available today
- New Industry 4.0 cloud connectivity and process-linking capabilities enabled by Siemens MindSphere
- Print speeds topping 10,000 cm³/hour, depending on material. Speed is individually optimized for each metal offered
- Features exclusive patent-pending Triple ACT system that delivers industry leading part density and repeatability
- An all-new recycling system for binder fluids delivers lower operating costs and ensures that sustainability gains delivered by 3D printing are carried through the entire process