

# Desktop Metal Welcomes X-Series Line of Additive Manufacturing Systems for Metal and Ceramics into Growing Portfolio

- Updated line of binder jet 3D printing systems to focus on production of specialty materials, such as ceramics, in addition to metals, with new software capabilities
- Desktop Metal is now the leader in binder jet 3D printing material offerings, with platforms that produce metal, ceramic, sand, and wood designs
- Binder jet 3D printing is widely regarded as one of the few area-wide 3D printing strategies capable of delivering the cost and speed required for mass production

BOSTON--(BUSINESS WIRE)-- Desktop Metal (NYSE:DM), a global leader in additive manufacturing technologies for mass production, today announced the launch of the X-Series line of binder jet 3D printing systems for metal and ceramic powders in a wide range of particle sizes.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20220307005356/en/>



Desktop Metal has launched the X-Series line of binder jet 3D printing systems for metal and ceramic powders in a wide range of particle sizes. The three X-Series models include (from left to right) the InnoventX™, X25Pro™, and X160Pro™.

jetting enabled by patented Triple ACT — an advanced compaction technology for dispensing, spreading and compacting powders during the binder jet printing process. This flexible, open material platform architecture is capable of binding together a wide range of powders with a D50 of 3 to 100 microns.

The newly branded Desktop Metal line of printers is derived from the acquisition of ExOne last fall and will soon be offered with Desktop Metal's build preparation and award-winning sintering simulation software applications. Additionally, the X-Series will now be supported by Desktop Metal's experienced global support team.

The X-Series line offers a differentiated approach to binder

Desktop Metal now offers three X-Series models:

- **InnoventX™**, an affordable, entry-level binder jet system perfect for academic, R&D, and low-volume production applications;
- **X25Pro™**, an accessible and productive mid-sized solution already being used for volume production globally, featuring a build box of 400 x 250 x 250 mm (15.75 x 9.84 x 9.84 in); and
- **X160Pro™**, the world's largest metal binder jet system, featuring a build box of 800 x 500 x 400 mm (31.5 x 19.7 x 15.8 in).

“Desktop Metal’s X-Series printers give customers more choices than ever when it comes to binder jet additive manufacturing,” said Ric Fulop, Desktop Metal Co-founder and CEO. “Our team is moving aggressively to drive additive manufacturing into mass production through a focused strategy of production-capable printers, high-performance materials, and key applications. Binder jetting is the key technology that enables all the benefits additive manufacturing has to offer at scale, from reduced waste to more efficient, lower-risk supply chains.”

Binder jetting is widely regarded as the fastest method of metal 3D printing for high-volume output. First patented at the Massachusetts Institute of Technology by Ely Sachs, a professor of mechanical engineering and co-founder of Desktop Metal, the process prints digital part designs by using industrial inkjet printheads to rapidly deposit binder into a bed of metal, sand, ceramic, or wood particles, creating batches of solid parts, one thin layer at a time.

X-Series printers repeatably deliver tight dimensional tolerances and densities of 97-99% or greater — in line with or surpassing metal injection molding or gravity castings. Surface roughness values as low as 4 µm (Ra) can be achieved directly out of the furnace.

To learn more about the X-Series printers, visit <https://www.desktopmetal.com/products/xseries>.

## About Desktop Metal

Desktop Metal, Inc., based in Burlington, Massachusetts, is accelerating the transformation of manufacturing with an expansive portfolio of 3D printing solutions, from rapid prototyping to mass production. Founded in 2015 by leaders in advanced manufacturing, metallurgy, and robotics, the company is addressing the unmet challenges of speed, cost, and quality to make additive manufacturing an essential tool for engineers and manufacturers around the world. Desktop Metal was selected as one of the world’s 30 most promising Technology Pioneers by the World Economic Forum, named to MIT Technology Review’s list of 50 Smartest Companies, and the 2021 winner of Fast Company’s Innovation by Design Award in materials and Fast Company’s Next Big Things in Tech Award for sustainability. For more information, visit [www.desktopmetal.com](http://www.desktopmetal.com).

## Forward-looking Statements

This press release contains certain forward-looking statements within the meaning of the federal securities laws. Forward-looking statements generally are identified by the words “believe,” “project,” “expect,” “anticipate,” “estimate,” “intend,” “strategy,” “future,”

“opportunity,” “plan,” “may,” “should,” “will,” “would,” “will be,” “will continue,” “will likely result,” and similar expressions. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks, uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this document, including but not limited to, the risks and uncertainties set forth in Desktop Metal, Inc.'s filings with the U.S. Securities and Exchange Commission. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Desktop Metal, Inc. assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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**Media Relations:**

Caroline Legg

[carolinelegg@desktopmetal.com](mailto:carolinelegg@desktopmetal.com)

(203) 313-4228

**Investor Relations:**

Jay Gentzkow

[jaygentzkow@desktopmetal.com](mailto:jaygentzkow@desktopmetal.com)

(781) 730-2110

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