



## ACS Material Equipment Series

A Unique Super-Large Powder Bed Laser Melting Printer  
Customizable for Users

Model: XDM 2000

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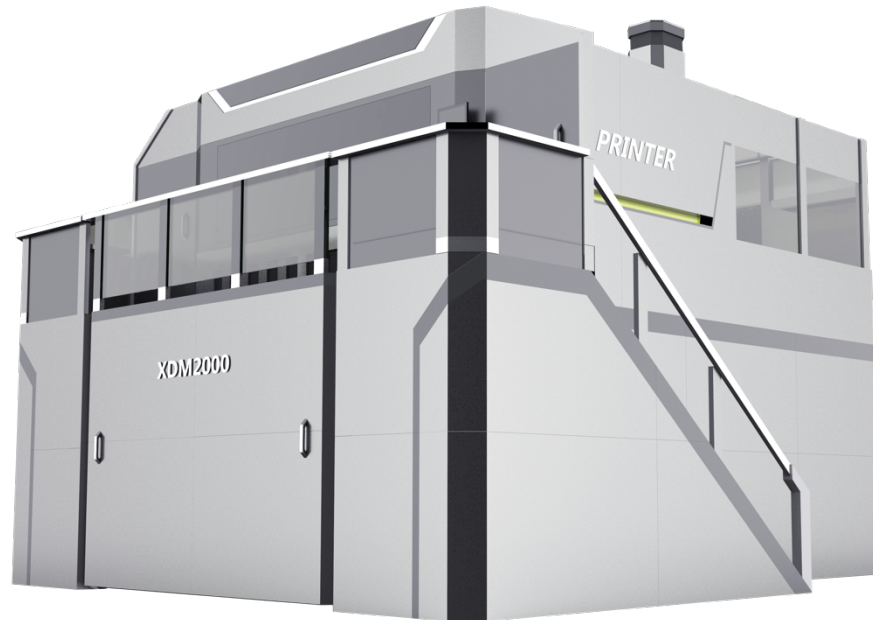
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## Product Overview

XDM 2000 is a super large printer in the XDM range. With many patented technologies, this printer represents the current technology height in this field; XDM provides customized/engineered-to-order super-large printers for customers on its basis.



## Product Features

- High accuracy heavy load platform; >20T Payload.
- TC4, IN718, High strength Aluminum Alloy, 316L.
- Large working envelope, increased production capability.
- Patented large envelope smoke processing system, giving stable production quality.
- Smart control software, with process parameters fully open and editable.
- High accuracy heavy load platform, with over 20T payload.
- Intelligent process monitoring, automated production with full data output for analysis.
- External collector for excess powder that becomes new feed stock, which allows for uninterrupted production.
- Building volume and laser numbers customizable, meeting varying needs of customers.
- High performance components increase reliability.

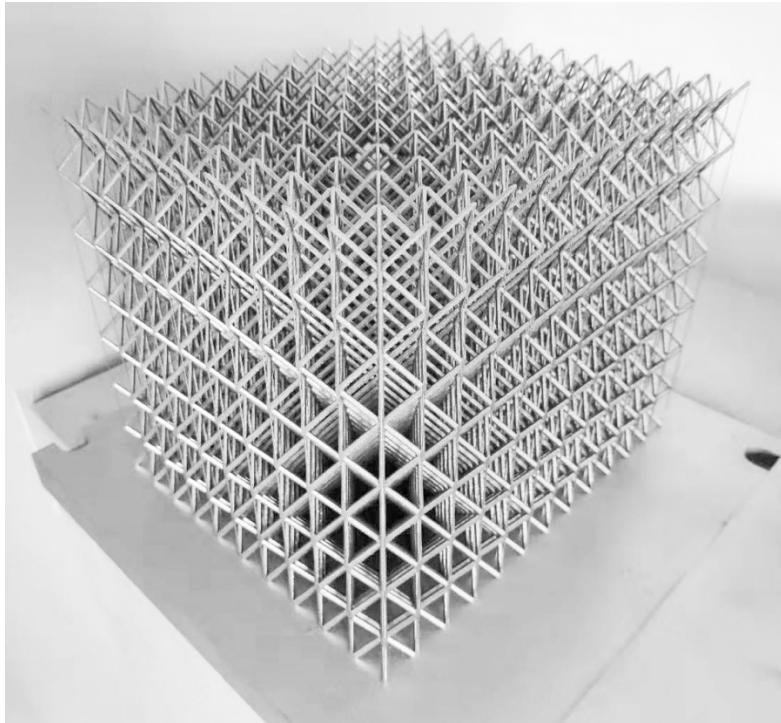
## Product Specifications

Product Name	XDM 2000 Powder Bed Laser Melting 3D Metal Printer
SKU #	EXDM2000
Model #	XDM 2000
Building Volume (W x D x H)	2000mm x 2000mm x 650mm (Customizable) (78 inch x 78 inch x 25 inch) (Customizable)
Laser System	Yb Fibre Laser (IPG), 6 x 500W / 25 × 500W
Min. Focus Diameter	approx. 85µm
Optic System	F-theta lens, high-speed and high-precision scanners
Build Rate	up to 500cm <sup>3</sup> /h
Layer Thickness	20µm - 100µm
Filter System	Flow rate up to 2000m <sup>3</sup> /h
Power Supply	AC 380V/50Hz, 110kVA
Unit Dimensions W x D x H	10200mm x 5800mm x 6500mm (402 inch x 229 inch x 256 inch)
Weight	approx. 52000kg (approx. 114,641lbs)
Software	XDM IntelliSlice, XDM IntelliProc®, XDM IntelliMake®, XDM STATE
Materials ※	Tool steel, Stainless steel, High-temperature alloys, Titanium alloy, Aluminum alloy

※ Please consult with sales for available materials and datasheet



Sample of 3D-Printed Heat Exchanger



Sample of 3D-Printed Lattice Structures

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