



ACS Material Equipment Series

Powder Bed Laser Melting Printer for Efficient Production of High-quality Parts

Model: XDM 300

Contact Information:

ACS Material, LLC

Address: 959 E Walnut St., Suite 100

Pasadena, CA 91106, USA

Phone: (866)-227-0656

Fax: (781)-518-0284

E-Mail: contact@acsmaterial.com

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Product Overview

XDM 300 is a larger, high efficiency offer of the classical printing sizes in the XDM range of printers. With a printing envelope at 300mm X 300mm X 410mm, the printer can have single laser or dual laser configurations. The printer is suitable for high efficiency batch production in aerospace, automotive, molding, as well as 3D printing services.



Product Features

- Modular filter system, easy to configure.
- With blow-back cleaning system, for longer life filter.
- Multiple lasers, high operation efficiency at long working hours.
- Optimized airflow, stable production quality.
- Separate accessory, flexible installation.
- Customizable software for different requirements.
- Optional multiple lasers, higher efficiency.
- Smart control software, with process parameters fully open and editable.
- Intelligent process monitoring, automated production with full data output for analysis.
- High performance components increase reliability.

Product Specifications

Product Name	XDM 300 Powder Bed Laser Melting 3D Metal Printer
SKU #	EPXDM300
Model #	XDM 300
Building Volume (W x D x H)	300mm × 300mm × 410mm (11 inch x 11 inch x 16 inch)
Laser System	Yb Fibre Laser (IPG), Single / Dual (500W / 2 x 500W)
Min. Focus Diameter	approx. 85µm
Optic System	F-theta lens, high-speed and high-precision scanner
Build Rate	Single laser: up to 35cm ³ /h, Dual laser: up to 70cm ³ /h
Layer Thickness	20µm-100µm
Filter System	Flow rate up to 600m ³ /h
Power Supply	AC 380V/50Hz, 22.2kVA
Unit Dimensions W x D x H	1880mm × 1390mm × 2200mm (75 inch x 55 inch x 87 inch)
Weight	approx. 2300kg (approx. 5071 lbs)
Software	XDM IntelliSlice, XDM IntelliProc [®] , XDM IntelliMake [®] , XDM STATE
Materials [※]	Tool steel, Stainless steel, High-temperature alloys, Titanium alloy, Cobalt-chromium alloy, Aluminum alloy

※ Please consult with sales for available materials and datasheet



Sample of 3D-Printed Lucky Rabbit



Sample of 3D-Printed Power Shell

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