

# ProJet<sup>®</sup> MJP 3600W & 3600W MAX

High-throughput Multijet Printing production of precision casting patterns



**ProJet MJP 3600W**



**ProJet MJP 3600W Max**

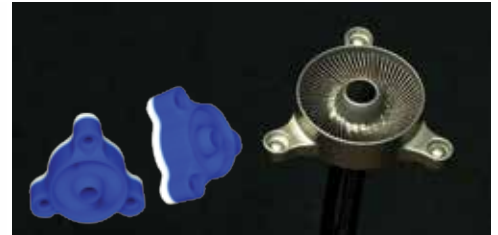
<b>Printing Modes</b>	HD - High Definition UHD - Ultra High Definition XHD - Xtreme High Definition	HD - High Definition UHD - Ultra High Definition XHD - Xtreme High Definition
<b>Net Build Volume (xyz)*</b> HD Mode UHD Mode XHD Mode	11.75 x 7.2 x 8 in (298 x 183 x 203 mm) 5 x 7 x 8 in (127 x 178 x 203 mm) 5 x 7 x 8 in (127 x 178 x 203 mm)	11.75 x 7.2 x 8 in (298 x 183 x 203 mm) 11.75 x 7.2 x 8 in (298 x 183 x 203 mm) 11.75 x 7.2 x 8 in (298 x 183 x 203 mm)
<b>Resolution (xyz)</b> HD Mode UHD Mode XHD Mode	375 x 450 x 790 DPI; 32 μ layers 750 x 750 x 1300 DPI; 20 μ layers 750 x 750 x 1600 DPI; 16 μ layers	375 x 450 x 790 DPI; 32 μ layers 750 x 750 x 1300 DPI; 20 μ layers 750 x 750 x 1600 DPI; 16 μ layers
<b>Accuracy (typical)</b>	±0.001-0.002 inch per inch (0.025-0.05 mm per 25.4 mm) of part dimension. Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.	
<b>Build Materials</b>	Visijet M3 CAST and M3 Hi-Cast	Visijet M3 CAST and M3 Hi-Cast
<b>Support Material</b>	Visijet S400	Visijet S400
<b>Material Packaging</b> Build Material Support Material	In clean 3.86 lbs (1.75 kg) bottles (machine holds up to 2 with auto-switching) In clean 3.86 lbs (1.75 kg) bottles (machine holds up to 2 with auto-switching)	
<b>Electrical</b>	100-127 VAC, 50/60 Hz, single-phase, 15A 200-240** VAC, 50 Hz, single-phase, 10A	
<b>Dimensions (WxDxH)</b> 3D Printer Crated 3D Printer Uncrated	32.5 x 56.3 x 68.5 in (826 x 1430 x 1740 mm) 29.5 x 47 x 59.5 in (749 x 1194 x 1511 mm)	32.5 x 56.3 x 68.5 in (826 x 1430 x 1740 mm) 29.5 x 47 x 59.5 in (749 x 1194 x 1511 mm)
<b>Weight</b> 3D Printer Crated 3D Printer Uncrated	955 lbs (433 kg) 659 lb (299 kg)	955 lbs (433 kg) 659 lb (299 kg)
<b>ProJet<sup>®</sup> Accelerator Software</b>	Easy build job set-up, submission and job queue management; Automatic part placement and build optimization tools; Part stacking and nesting capability; Extensive part editing tools; Automatic support generation; Job statistics reporting tools	
<b>E-mail Notice Capability</b>	Yes	Yes
<b>Network Compatibility</b>	Network ready with 10/100 Ethernet interface	
<b>Client Hardware Recommendation</b>	1.8 GHz with 1GB RAM (OpenGL support 64 mb video RAM) or higher	
<b>Client Operating System</b>	Windows <sup>®</sup> 7, 8 and 8.1 (service pack)	
<b>Input Data File Formats Supported</b>	STL and SLC	STL and SLC
<b>Operating Temperature Range</b>	64-82 °F (18-28 °C)	64-82 °F (18-28 °C)
<b>Noise</b>	< 65 dBa estimated (at medium fan setting)	
<b>5-Year Printhead Warranty</b>	Standard	Standard
<b>Certifications</b>	CE	CE

\* Maximum part size is dependent on geometry, among other factors.

\*\* Requires small external transformer supplied by 3D Systems in the provided country kit.

# VisiJet® M3 Hi-Cast & CAST RealWax™

High performance 100% wax material for direct casting



Properties	Condition	VisiJet M3 CAST	VisiJet M3 Hi-Cast	VisiJet S400
Composition		100% Wax	100% Wax	Wax Support Material
Color		Deep Purple	Navy Blue	White
Bottle Quantity		1.75 kg	1.75 kg	1.75 kg
Density @ 80 °C (liquid)	ASTM D3505	0.80 g/cm <sup>3</sup>	0.81 g/cm <sup>3</sup>	0.87 g/cm <sup>3</sup>
Melting Point		61-66 °C	70 °C	55-65 °C
Softening Point		40-48 °C	52-62 °C	N/A
Volumetric Shrinkage, from 40 °C to RT		2 %	2.24 %	N/A
Linear Shrinkage, from 40 °C to RT		0.70 %	0.75 %	N/A
Needle Penetration Hardness	ASTM D1321	12	9	N/A
Ash Content	ASTM 2584	< 0.05 %	< 0.05 %	N/A
Description		High resolution, durable casting wax	High resolution casting wax	Non-toxic wax support material with dissolvable hands-free removal

\* DISCLAIMER: It is the responsibility of each customer to determine that its use of any VisiJet® material is safe, lawful and technically suitable to the customer's intended applications. The values presented here are for reference only and may vary. Customers should conduct their own testing to ensure suitability for their intended application.

[www.3dsystems.com](http://www.3dsystems.com)

**USA**  
Tel: +1 803.326.3900

**Germany, Scandinavia,  
Eastern Europe, Middle East**  
Tel: +49 6151 357 0

**UK**  
Tel: +44 1442 282 600

**Asia-Pacific**  
Melbourne Tel: +61 3 9819 4422  
Sydney Tel: +61 2 9516 5571

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. 3D Systems makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.

© 2016 by 3D Systems, Inc. All rights reserved. Specifications subject to change without notice. 3D Systems, ProJet and VisiJet are registered trademarks of 3D Systems, Inc.