

# ProJet® MJP 2500W, 3600W & 3600W MAX

High-throughput Multijet Printing production of precision metal casting patterns



**ProJet MJP 2500W**



**ProJet MJP 3600W**



**ProJet MJP 3600W Max**

<b>Printing Modes</b>	XHD - Xtreme High Definition	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	11.6 x 8.3 x 5.6 in (295 x 211 x 142 mm)	11.75 x 7.3 x 8 in (298 x 185 x 203 mm) 6 x 7.3 x 8 in (152 x 185 x 203 mm) 6 x 7.3 x 8 in (152 x 185 x 203 mm)	11.75 x 7.3 x 8 in (298 x 185 x 203 mm) 11.2 x 7.3 x 8 in (284 x 185 x 203 mm) 11.2 x 7.3 x 8 in (284 x 185 x 203 mm)
<b>Resolution (xyz)</b> HD Mode UHD Mode XHD Mode	1200 x 1200 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	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>	±0.004 in per in (±0.1016 mm per 25.4 mm) of part dimension	±0.001-0.002 inch per inch (0.025-0.05 mm per 25.4 mm) of part dimension.	
<b>Build Materials</b>	Visijet M2 CAST	Visijet M3 CAST and M3 Hi-Cast	Visijet M3 CAST and M3 Hi-Cast
<b>Support Material</b>	Visijet M2 SUW	Visijet S400	Visijet S400
<b>Material Packaging</b> Build Material	In clean 2.58 lbs (1.17 kg) bottles (printer holds up to 2 with auto-switching)	In clean 3.86 lbs (1.75 kg) bottles (printer holds up to 2 with auto-switching)	
Support Material	In clean 2.87 lbs (1.3 kg) bottles (printer holds up to 2 with auto-switching)	In clean 3.86 lbs (1.75 kg) bottles (printer 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 Single C14 receptacle	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	55 x 36.5 x 51.7 in (1397 x 927 x 1314 mm) 44.1 x 29.1 x 42.1 in (1120 x 740 x 1070 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)	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	716 lb (325 kg) 465 lb (211 kg)	955 lb (433 kg) 659 lb (299 kg)	955 lb (433 kg) 659 lb (299 kg)
<b>3D Sprint™ 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	Yes
<b>Internal Hard Drive Capacity</b>	500 Gb minimum	500 Gb minimum	500 Gb minimum
<b>Connectivity</b>	Network ready with 10/100/1000 base ethernet interface USB port	Network ready with 10/100 Ethernet interface Front panel USB port	
<b>Client Operating System</b>	Windows® 7, Windows 8 or Windows 8.1 (Service Pack)		
<b>Input Data File Formats Supported</b>	STL, CTL, OBJ, PLY, ZPR, ZBD, AMF, WRL, 3DS, FBX, IGES, IGS, STEP, STP, MJPDDD		
<b>Operating Temperature Range</b>	64-82 °F (18-28 °C), reduced print speed at > 77 °F (25 °C)	64-82 °F (18-28 °C)	64-82 °F (18-28 °C)
<b>Operating Humidity</b>	30-70 % relative humidity	30-70 % relative humidity	30-70 % relative humidity
<b>Noise</b>	< 65 dBA estimated (at medium fan setting)		
<b>5-Year Printhead Warranty</b>	Optional	Standard	Standard
<b>Certifications</b>	CE	CE	CE

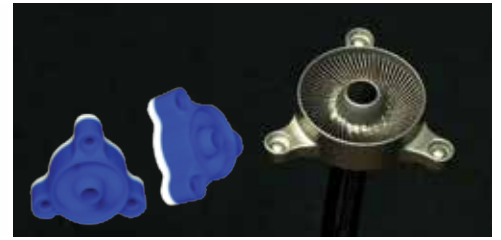
\* Maximum part size is dependent on geometry, among other factors.

\*\* Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.

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

# VisiJet® M2 CAST, M3 CAST and Hi-Cast

High performance RealWax™ materials for direct metal casting



Properties	Condition	VisiJet M2 CAST	VisiJet M3 CAST	VisiJet M3 Hi-Cast	VisiJet M2 SUP	VisiJet S400
Composition		100% Wax	100% Wax	100% Wax	Wax Support Material	Wax Support Material
Color		Deep Purple	Deep Purple	Navy Blue	White	White
Bottle Quantity		1.17 kg	1.75 kg	1.75 kg	1.3 kg	1.75 kg
Density @ 80 °C (liquid)	ASTM D3505	0.80 g/cm <sup>3</sup>	0.80 g/cm <sup>3</sup>	0.81 g/cm <sup>3</sup>	0.87 g/cm <sup>3</sup>	0.87 g/cm <sup>3</sup>
Melting Point		61-66 °C	61-66 °C	70 °C	55-65 °C	55-65 °C
Softening Point		40-48 °C	40-48 °C	52-62 °C	N/A	N/A
Volumetric Shrinkage, from 40 °C to RT		2 %	2 %	2.24 %	N/A	N/A
Linear Shrinkage, from 40 °C to RT		0.70 %	0.70 %	0.75 %	N/A	N/A
Needle Penetration Hardness	ASTM D1321	12	12	9	N/A	N/A
Ash Content	ASTM 2584	< 0.05 %	< 0.05 %	< 0.05 %	N/A	N/A
Printer Compatibility		Projet MJP 2500W	Projet MJP 3600W Series	Projet MJP 3600W Series	Projet MJP 2500W	Projet MJP 3600W Series
Description		High resolution, durable casting wax	High resolution, durable casting wax	High resolution casting wax	Eco friendly, hands-free dissolvable wax	

\* 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.