

MultiJet Plastic Printers

Fast and easy printing of functional precision plastic, elastomeric and composite parts with ProJet[®] MJP 3D printers

ProJet MJP 2500

ProJet MJP 2500 Plus

ProJet MJP 5600

PRINTER PROPERTIES			
3D Printer Size Crated (WxDxH)	1397 x 927 x 1314 mm (55 x 36.5 x 51.7 in)	1397 x 927 x 1314 mm (55 x 36.5 x 51.7 in)	2007 x 1650 x 2032 mm (79 x 65 x 80 in)
3D Printer Size Uncrated (WxDxH)	1120 x 740 x 1070 mm (44.1 x 29.1 x 42.1 in)	1120 x 740 x 1070 mm (44.1 x 29.1 x 42.1 in)	1700 x 900 x 1620 mm (66.9 x 35.4 x 63.8 in)
3D Printer Weight Crated	325 kg (716 lb)	325 kg (716 lb)	1180 kg (2600 lbs)
3D Printer Weight Uncrated	211 kg (465 lb)	211 kg (465 lb)	935 kg (2060 lbs)
Electrical Requirements	100-127 VAC, 50/60 Hz, 15A, single-phase 200-240 VAC, 50/60 Hz, 10A, single-phase		100-127 VAC, 50/60 Hz, 20A, single-phase 200-240 VAC, 50/60 Hz, 10A, single-phase
Internal Hard Drive	500 Gb minimum	500 Gb minimum	N/A
Operating Temperature Range	18-28 °C (64-82 °F), reduced print speed at > 25 °C (77 °F)		18-28 °C (64-82 °F)
Operating Humidity	30-70 % relative humidity		N/A
Noise (at medium fan setting)	< 65 dBa estimated	< 65 dBa estimated	< 65 dBa estimated
Post Processing (for easy removal of eco-friendly wax supports)	MJP EasyClean System or ProJet Finisher (optional)		ProJet Finisher XL (optional)
Certifications	CE	CE	CE

PRINTING SPECIFICATIONS			
Printing Modes	HD - High Definition	HD - High Definition UHD - Ultra High Definition	UHD - Ultra High Definition UHDS - Ultra High Definition-Single XHD - Xtreme High Definition XHDS - Xtreme High Definition-Single
Max Build Volume (xyz)¹	294 x 211 x 144 mm (11.6 x 8.3 x 5.6 in)	294 x 211 x 144 mm (11.6 x 8.3 x 5.6 in)	518 x 381 x 300 mm (20.4 x 15 x 11.8 in)
Resolution	<u>HD Mode:</u> 800 x 900 x 790 DPI; 32 μ layers	<u>HD Mode:</u> 800 x 900 x 790 DPI; 32 μ layers <u>UHD Mode:</u> 1600 x 900 x 790 DPI; 32 μ layers	<u>UHD & UHDS Modes:</u> 600 x 600 x 1600 DPI; 16 μ layers <u>XHD & XHDS Modes:</u> 750 x 750 x 2000 DPI; 13 μ layers
Accuracy (typical)	± 0.001-0.002 inch per inch (0.025-0.05 mm per 25.4 mm) of part dimension (on platform). Accuracy may vary depending on build parameters, part geometry and size, part orientation and post-processing.		

MATERIALS		
Build Materials	See material selector guide and tech spec sheets for specifications on available materials.	
Material Packaging	Build: 3.30 lbs (1.5 kg) bottles Support: 3.08 lbs (1.4 kg) bottles	4.41 lbs (2 kg) bottles
Auto Switching Bottle Capacity	2 of each (build/support)	4 of each (build/support)

SOFTWARE AND NETWORK			
3D Sprint[®] Software	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		
Client Hardware Recommendation	<ul style="list-style-type: none"> 3 GHz multiple core processor (2 GHz Intel[®] or AMD[®] processor mini) with 8 GB RAM or more (4 GB mini) OpenGL 3.2 and GLSL 1.50 support (OpenGL 2.1 and GLSL 1.20 mini), 1 GB video RAM or more, 1280 x 1024 (1280 x 960 mini) screen resolution or higher SSD or 10,000 RPM hard disk drive (3 GB of available hard-disk space for cache mini) Google Chrome or Internet Explorer 11 (Internet Explorer 9 mini) Other: 3 button mouse with scroll, keyboard, Microsoft .NET Framework 4.6.1 installed with application 		
3D Connect[™] Capable	3D Connect Service provides a secure cloud-based connection to 3D Systems service teams for support.		No
Connectivity	Network ready 10/100/1000 BaseT Ethernet interface USB port		Network ready 10/100/1000 base Ethernet interface
E-mail Notice Capability	Yes	Yes	Yes
Client Operating System	Windows [®] 7, Windows 8 or Windows 8.1 (Service Pack), Windows 10		
Input Data Files Supported	STL, CTL, OBJ, PLY, ZPR, ZBD, AMF, WRL, 3DS, FBX, IGES, IGS, STEP, STP, MJPDD		STL, CTL, SLC, 3DPRINT

¹ Maximum part size is dependent on geometry, among other factors.

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