ProJet® MJP 2500 IC

Tool-less production of 100% wax casting patterns in hours delivers design complexity at a fraction of the cost of traditional wax pattern production

PRINTER PROPERTIES

Dimensions (WxDxH)	
3D Printer Crated	55 x 36.5 x 51.7 in (1397 x 927 x 1314 mm)
3D Printer Uncrated	44.1 x 29.1 x 42.1 in (1120 x 740 x 1070 mm)
Weight	
3D Printer Crated	716 lb (325 kg)
3D Printer Uncrated	465 lb (211 kg)
Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A
	200-240 VAC, 50 Hz, single-phase, 10A
	Single C14 receptacle
Internal Hard Drive Capacity	500 Gb minimum
Operating Temperature Range	Optimal 64-75 °F (18-24 °C), not to exceed 82 °F (28 °C)
Operating Humidity	30-70 % relative humidity
Noise	< 65 dBa estimated (at medium fan setting)
Certifications	CE, UL, EAC, KCC and FCC

PRINTING SPECIFICATIONS

Printing Mode	HD - High Definition
Net Build Volume (xyz) *	11.6 x 8.3 x 5.6 in (294 x 211 x 144 mm)
Resolution (xyz)	600 x 600 x 600 DPI; 42 µm layers
Accuracy (typical) **	±0.004 in/in (±0.1016 mm/25.4 mm) of part dimension across printer population
	±0.002 in/in (±0.0508 mm/25.4 mm) of part dimension typical for any single printer
Volumetric Print Speed	1 Lane 12.5 in^3/hour (205 cm ^{3}/hour)
	2 Lanes 12.1 in^3/hour (199 cm ^{3}/hour)
	3 Lanes 11.6 in^3/hour (189 cm ^{3}/hour)

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
3D Connect™ Capable	3D Connect Service provides a secure cloud-based connection to 3D Systems service teams for support.
Client Operating System	Windows ® 7, Windows 8 or Windows 8.1 (Service Pack),Windows 10
Input Data File Formats Supported	STL, CTL, OBJ, PLY, ZPR, ZBD, AMF, WRL, 3DS, FBX, IGES, IGS, STEP, STP, MJPDDD
E-mail Notice Capability	Yes
Connectivity	Network ready with 10/100/1000 base ethernet interface; USB port

MATERIALS

Build Material	VisiJet® M2 ICast
Support Material	VisiJet® M2 IC SUW
Material Packaging	
Build Material	In clean 2.87 lbs (1.3 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)

∗ Maximum part size is dependent on geometry, among other factors.
∗∗ Across printer variation can be reduced to equal single printer variation via user calibration.
   Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.

3D SYSTEMS
Additive Manufacturing Solutions