



ProJet[®] 5000

Professional 3D Printer

Precision
Productivity
Ease-of-Use



High **Definition**



Large **Capacity**



Hard **Plastic** Parts



BDSYSTEMS[®]



Featuring the largest build size available, the ProJet® 5000 Professional Printer is designed to deliver maximum productivity in the factory or office. A unique combination of size, precision and ease-of-use make it ideal for large and small durable hard plastic parts with superior feature quality and detail. And this workhorse delivers over 80 hours of unattended operation.

Printing Modes	HS - High Speed HD - High Definition UHD - Ultra High Definition
Net Build Volume (xyz)	21.65 x 15.5 x 11.8 inches (550 x 393 x 300mm)
Resolution	
HS Mode	375 x 375 x 395 DPI (xyz); 64µ (0.0025 inches) layers
HD Mode	375 x 375 x 790 DPI (xyz); 32 µ (0.0012 inches) layers
UHD Mode	750 x 750 x 890 DPI (xyz); 29 µ (0.0011 inches) layers
Accuracy (typical)	0.001-0.002 inch (0.025-0.05 mm) per inch of part dimension. Accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing.
E-mail Notice Capability	Yes
Tablet/Smartphone connectivity	Yes
5 Year Printhead Warranty	Yes
VisiJet® MX Build Material	
Description	High durability and strength UV curable plastic, natural colour
Density @ 80 °C (liquid)	1.02 g/cm ³ (ASTM D4164)
Tensile Strength	31 MPa (ASTM D638)
Tensile Modulus	1267 MPa (ASTM D638)
Elongation at Break	20% (ASTM D638)
Flexural Strength	39 MPa (ASTM D638)
Heat Distortion Temperature	39 °C @ 0.45 MPa (ASTM D648)
VisiJet® S300 Support Material	
Description	Non-toxic melt-away wax support material, white
Melting Point	60 °C
Softening Point	40 °C
Material Packaging	
Build and support materials	In clean 4.41 lbs (2.0 kg) cartridges. System can hold up to eight cartridges with additional material bays (optional)
Electrical	115-240 VAC, 50/60 Hz, single-phase, 1200 W
Dimensions (WxDxH)	
3D Printer Crated	72 x 45.5 x 78 inches (1828 x 1155 x 1981mm)
3D Printer Uncrated	60.3 x 35.7 x 57.1 inches (1531 x 908 x 1450mm)
Weight	
3D Printer Crated	1555 lbs (708 kg)*
3D Printer Uncrated	1180 lbs (538 kg)*
	* Weight based on standard configuration with 4 MDMs (material delivery modules). Add 60lb (28 kg) for each additional pair of MDMs.
ProJet® Accelerator Software	Easy build job set-up, submission and job queue management ; Automatic part placement and build optimisation tools ; Part stacking and nesting capability ; Extensive part editing tools ; Automatic support generation ; Job statistics reporting tools
Print3D App	Remote monitoring and control from tablet, computers and smartphones
Network Compatibility	Network ready with 10/100 Ethernet interface
Client Hardware Recommendation	1.8 GHz with 1GB RAM (OpenGL support 64 mb video RAM) or higher
Client Operating System	Windows XP Professional, Windows Vista, Windows 7
Input Data File Formats Supported	STL and SLC
Operating Temperature Range	64-82 °F (18-28 °C)
Noise	< 65 dBA estimated (at medium fan setting)
Certifications	CE

