ProJet® 3500

HD*Max* & CPX*Max*

MAX

Precision
Productivity
Ease-of-Use

Most productive, highest capacity ProJet® 3500 models yet

ProJet® 3500 HD*Max*, the highest definition hard plastic parts functional 3D printing

The ProJet® 3500 HD*Max* prints precision, durable plastic parts ideal for functional testing, design communication, rapid manufacturing, rapid tooling and more. With a choice in materials and selectable print resolutions this office friendly, easy to use 3D Printer is packed with features that help you maximize your return on investment (ROI).

ProJet® 3500 CPX*Max*, the highest quality RealWax™ casting patterns 3D printing

Mass produce 100% wax micro-detail patterns with superior surface quality, extreme fine detail and exceptional precision to enable rapid workflow, mass customization and improved casting room efficiencies and productivity. Casting yields mirror standard casting waxes and the RealWax™ pattern performance rivals injected wax patterns in existing lost-wax casting processes and equipment.

Max Connectivity

Max Productivity

Max Parts

Max Applications

3DSYSTEMS

ProJet® 3500 HD*Max* & CPX*Max*
Professional 3D Printers

Extend Innovation. Extend Production. Extend Choices.

	ProJet® 3500 HD*Max*	ProJet® 3500 CPX*Max*
Printing Modes	HD - High Definition HS - High Speed UHD - Ultra High Definition XHD - Xtreme High Definition	HD - High Definition HDHiQ - High Definition/High Quality UHD - Ultra High Definition XHD - Xtreme High Definition
Net Build Volume (xyz)	298 x 185 x 203 mm (11.75 x 7.3 x 8 inches)	298 x 185 x 203 mm (11.75 x 7.3 x 8 inches)
Resolution		
HS Mode	375 x 375 x 790 DPI (xyz); 32µ layers	-
HD Mode	375 x 375 x 790 DPI (xyz); 32µ layers	375 x 375 x 775 DPI (xyz); 33µ layers
HDHiQ Mode	-	375 x 375 x 775 DPI (xyz); 33µ layers
UHD Mode	750 x 750 x 890 DPI (xyz); 29µ layers	694 x 750 x 1300 DPI (xyz); 20µ layers
XHD Mode	750 x 750 x 1600 DPI (xyz); 16µ layers	694 x 750 x 1600 DPI (xyz); 16µ 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	Yes
Tablet/Smartphone connectivity	Yes	Yes
5 Year Printhead Warranty	Standard	Standard
Build Materials	VisiJet® X - **NEW** VisiJet® Crystal VisiJet® Proplast VisiJet® Navy VisiJet® Techplast VisiJet® Procast	VisiJet® Hi-Cast
Support Material	VisiJet® S300	VisiJet® S400
Material Packaging Build and support materials	In clean 2 kg bottles (machine holds up to 2 with auto-switching)	In clean 1.75 kg bottles (machine holds up to 2 with auto-switching)
Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A; 200-240* VAC, 50 Hz, single-phase, 10A	
Dimensions (WxDxH)		
3D Printer Crated	826 x 1429 x 1740 mm (32.5 x 56.25 x 68.5 inches)	826 x 1429 x 1740 mm (32.5 x 56.25 x 68.5 inches)
3D Printer Uncrated	749 x 1194 x 1511 mm (29.5 x 47 x 59.5 inches)	749 x 1194 x 1511 mm (29.5 x 47 x 59.5 inches)
Weight		
3D Printer Crated	955 lbs, 434 kg	955 lbs, 434 kg
3D Printer Uncrated	711 lbs, 324 kg	711 lbs, 324 kg
ProJet® Accelerator 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	
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	STL and SLC
Operating Temperature Range	18-28 ºC (64-82 ºF)	18-28 ºC (64-82 ºF)
Noise	< 65 dBa estimated (at medium fan setting)	< 65 dBa estimated (at medium fan setting)
Certifications	CE	CE

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

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