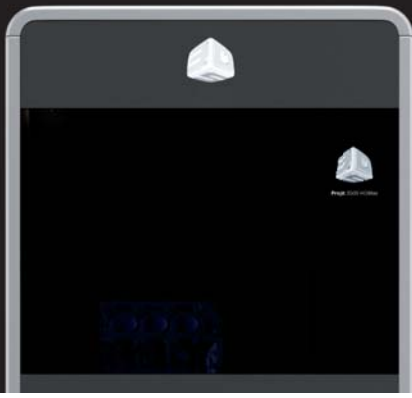
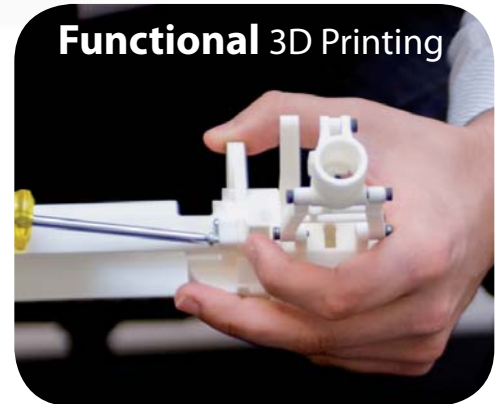
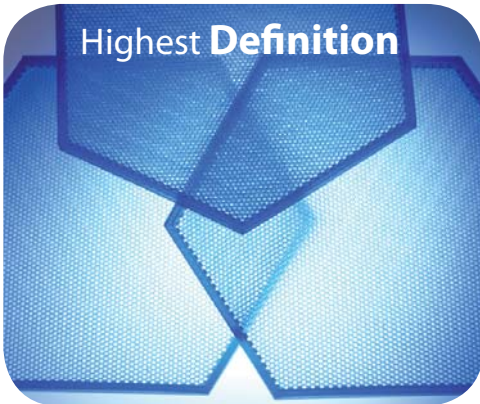


ProJet[®] 3500 SD & HD

Professional 3D Printers Series



Precision
Productivity
Ease-of-Use



3DSYSTEMS[®]

Most productive, highest capacity ProJet® 3500 Professional Printers Series

ProJet® 3510 SD

The affordable ProJet® 3510 SD prints high quality, durable plastic parts for engineering and mechanical design applications including functional testing, form and fit verification, rapid prototyping, design communication, rapid tooling and more. This office friendly 3D Printer delivers exceptional parts... on demand.

AFFORDABILITY • QUALITY • EASE-OF-USE

ProJet® 3510 HDPlus

The ProJet® 3510 HDPlus offers the flexibility to choose between 3 resolution modes to print concept models, verification prototypes and patterns for pre-production and digital manufacturing. Just connect to the printer to print extremely finely featured plastic parts with a greater output.

RESOLUTION *Plus* • PARTS SIZE *Plus* • FLEXIBILITY *Plus*

ProJet® 3510 HD

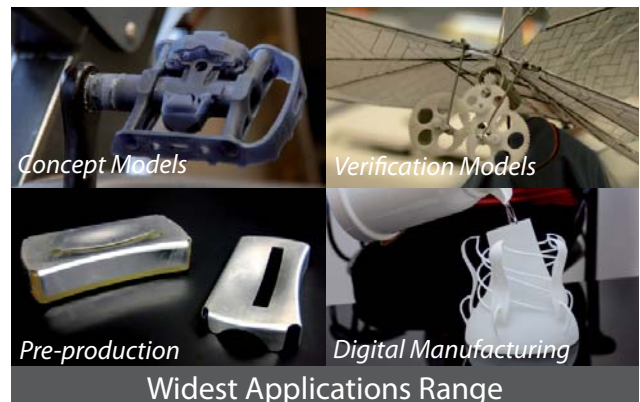
The ProJet® 3510 HD prints precision, durable plastic parts ideal for functional testing, design communication, rapid manufacturing, rapid tooling and more. With a choice in materials and selectable print resolutions, this office friendly, easy to use 3D Printer is packed with features that help you maximize your return on investment (ROI).

HIGH DEFINITION • PRECISION • PRODUCTIVITY

ProJet® 3500 HDMax

The high capacity ProJet® 3500 HDMax offers greater productivity, including with the High Speed printing mode, and larger high definition prints, for the production of functional plastic parts for product design and manufacturing applications. Benefit of the increased throughput and part size with feature detail and quality only possible with ProJet printers.

Max THROUGHPUT • *Max* DEFINITION • *Max* VOLUME

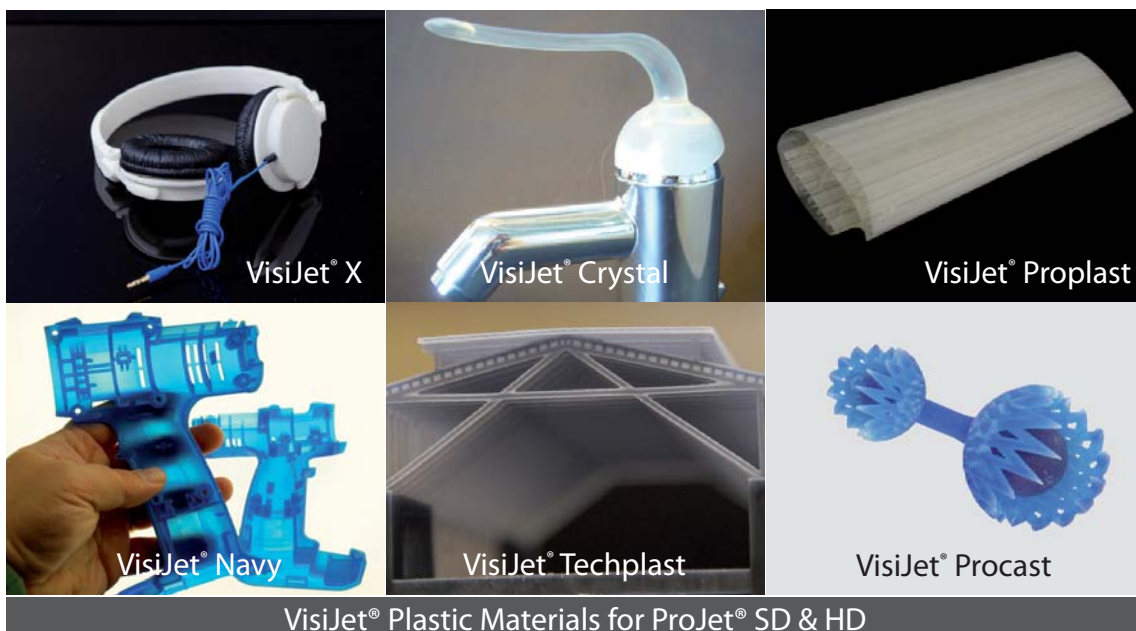


VisiJet® Materials for ProJet® SD & HD Printers

The VisiJet® line of plastic materials offers numerous capabilities to meet a variety of commercial applications. Using the Multi-Jet-Modeling (MJM) Technology, 3D Systems' ProJet® 3500 3D Printers use VisiJet® Materials to build accurate, high-definition models and prototypes for proof of concept, functional testing, master patterns for moldmaking, direct investment casting, for transportation, energy, consumer products, recreation, healthcare, education and other vertical markets. Toughness, high temperature resistance, durability, stability, watertightness, biocompatibility, castability are a few of the key attributes you will find within the VisiJet materials line. Parts can be drilled, glued, painted, plated, etc. Support material offers easy, non hazardous post processing and preserves delicate features.

Properties	Condition	VisiJet® X	VisiJet® Crystal	VisiJet® Proplast	VisiJet® Navy	VisiJet® Techplast	VisiJet® Procast	VisiJet® S300
Composition		UV Curable Acrylic Plastic						Wax Support Material
Color		White	Natural	Natural	Blue	Gray	Dark Blue	White
Bottle Quantity (kg)		2	2	2	2	2	2	2
Density @ 80 °C (liquid), g/cm ³	ASTM D4164	1.04	1.02	1.02	1.02	1.02	1.02	N/A
Tensile Strength, MPa	ASTM D638	49	42.4	26.2	20.5	22.1	32	N/A
Tensile Modulus, MPa	ASTM D638	2168	1463	1108	735	866	1724	N/A
Elongation at Break, %	ASTM D638	8.3	6.83	8.97	8	6.1	12.3	N/A
Flexural Strength, MPa	ASTM D638	65	49	26.6	28.1	28.1	45	N/A
Heat Distortion Temperature, °C	D648 @ 0.45MPa	88	56	46	46	46	N/A	N/A
Ash Content, %		N/A	N/A	0.01	0.01	0.01	0.01	N/A
Melting Point, °C		N/A	N/A	N/A	N/A	N/A	N/A	60
Softening Point, °C		N/A	N/A	N/A	N/A	N/A	N/A	40
USP Class VI Certified*		No	Yes	No	No	No	No	N/A
ProJet Compatibility		SD, HD	SD, HD	SD, HD	SD, HD	SD, HD	HD	SD, HD
Description		ABS-like Plastic	Tough Plastic, Translucent	Plastic, Natural	Plastic, Blue	Plastic, Gray	Castable Plastic	Non-toxic wax material for hands-free melt-away supports

**DISCLAIMER: It is the responsibility of each customer to determine that its use of any Class VI certified VisiJet® material is safe, lawful and technically suitable to the customer's intended applications. Customers should conduct their own testing to ensure that this is the case.*





ProJet® 3510 SD

ProJet® 3510 HD

ProJet® 3510 HDPlus

ProJet® 3500 HDMax

Printing Modes	HD - High Definition - - -	HD - High Definition - UHD - Ultra High Definition -	HD - High Definition - UHD - Ultra High Definition XHD - Xtreme High Definition	HD - High Definition HS - High Speed UHD - Ultra High Definition XHD - Xtreme High Definition
Net Build Volume (xyz)	11.75 x 7.3 x 8" (298 x 185 x 203 mm)	11.75 x 7.3 x 8" (298 x 185 x 203 mm)	11.75 x 7.3 x 8" (298 x 185 x 203 mm)	11.75 x 7.3 x 8" (298 x 185 x 203 mm)
HD Mode	-	-	-	11.75 x 7.3 x 8" (298 x 185 x 203 mm)
HS Mode	-	-	-	11.75 x 7.3 x 8" (298 x 185 x 203 mm)
UHD Mode	-	5 x 7 x 6" (127 x 178 x 152 mm)	8 x 7 x 6" (203 x 178 x 152 mm)	11.75 x 7.3 x 8" (298 x 185 x 203 mm)
XHD Mode	-	-	8 x 7 x 6" (203 x 178 x 152 mm)	11.75 x 7.3 x 8" (298 x 185 x 203 mm)
Resolution	375 x 375 x 790 DPI (xyz); 32µ layers	375 x 375 x 790 DPI (xyz); 32µ layers	375 x 375 x 790 DPI (xyz); 32µ layers	375 x 375 x 790 DPI (xyz); 32µ layers
HD Mode	-	-	-	375 x 375 x 790 DPI (xyz); 32µ layers
HS Mode	-	-	-	375 x 375 x 790 DPI (xyz); 32µ layers
UHD Mode	-	750 x 750 x 890 DPI (xyz); 29µ layers	750 x 750 x 890 DPI (xyz); 29µ layers	750 x 750 x 890 DPI (xyz); 29µ layers
XHD Mode	-	-	750 x 750 x 1600 DPI (xyz); 16µ layers	750 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	Yes	Yes
Tablet/Smartphone connectivity	Yes	Yes	Yes	Yes
5 Year Printhead Warranty	Optional	Standard	Standard	Standard
Build Materials	VisiJet® X VisiJet® Crystal VisiJet® Proplast VisiJet® Navy VisiJet® Techplast -	VisiJet® X VisiJet® Crystal VisiJet® Proplast VisiJet® Navy VisiJet® Techplast VisiJet® Procast	VisiJet® X VisiJet® Crystal VisiJet® Proplast VisiJet® Navy VisiJet® Techplast VisiJet® Procast	VisiJet® X VisiJet® Crystal VisiJet® Proplast VisiJet® Navy VisiJet® Techplast VisiJet® Procast
Support Material	VisiJet® S300	VisiJet® S300	VisiJet® S300	VisiJet® S300
Material Packaging Build and support materials	In clean 4.41 lbs (2 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	32.5 x 56.25 x 68.5" (826 x 1429 x 1740 mm)	32.5 x 56.25 x 68.5" (826 x 1429 x 1740 mm)	32.5 x 56.25 x 68.5" (826 x 1429 x 1740 mm)	32.5 x 56.25 x 68.5" (826 x 1429 x 1740 mm)
3D Printer Uncrated	29.5 x 47 x 59.5" (749 x 1194 x 1511 mm)	29.5 x 47 x 59.5" (749 x 1194 x 1511 mm)	29.5 x 47 x 59.5" (749 x 1194 x 1511 mm)	29.5 x 47 x 59.5" (749 x 1194 x 1511 mm)
Weight				
3D Printer Crated	955 lbs, 434 kg	955 lbs, 434 kg	955 lbs, 434 kg	955 lbs, 434 kg
3D Printer Uncrated	711 lbs, 323 kg	711 lbs, 323 kg	711 lbs, 323 kg	711 lbs, 323 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			
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	STL and SLC	STL and SLC	STL and SLC
Operating Temperature Range	64-82 °F (18-28 °C)	64-82 °F (18-28 °C)	64-82 °F (18-28 °C)	64-82 °F (18-28 °C)
Noise	< 65 dBa estimated (at medium fan setting)			
Certifications	CE	CE	CE	CE

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

