ProJet® x60 Series
Professional 3D Printers

Fast
Full Color
Affordable

Full Color 3D Printing

Large **Capacity**

High **Resolution**
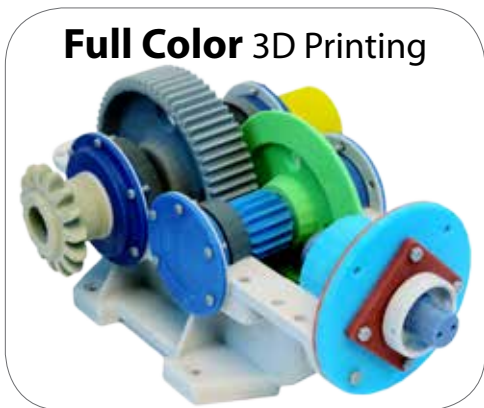
3DSYSTEMS®

ProJet® x60 Professional Printers set the standard for true full color printing, speed and affordability

UNIQUELY FULL COLOR

Color and high quality dramatically communicate design intent

- Produce realistic or vivid color models in one step
- Better communicate the look, feel, and style of product designs
- 3D print text labels, logos, design comments, or images directly onto models
- A range of options, from monochrome printing to professional quality color
- Multiple print heads provide the best range of accurate and consistent colors

FASTEST PRINT SPEED

High speed and throughput for a range of applications

- 5x-10x faster than all other technologies
- Output models in hours, not days
- Build multiple models at the same time
- Support an entire department with ease
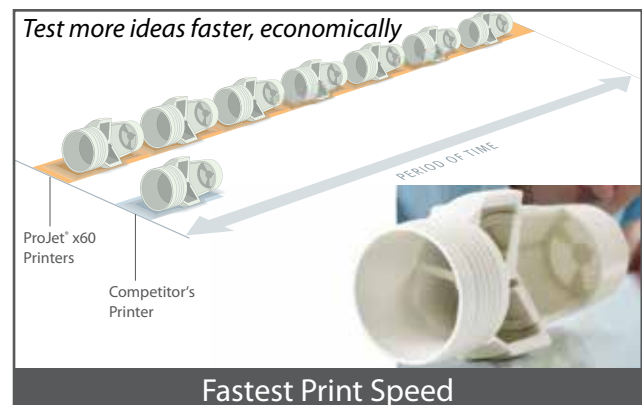
SAFE, OFFICE FRIENDLY & EASY TO USE

Ideal for everyday use in any office or school

- Quiet, safe, odor free
- Continuous negative pressure contains airborne particles
- Eco-friendly, non-hazardous build materials
- Zero liquid waste
- No support structures to remove, no cutting tools or toxic chemicals
- Requires minimal training and expertise
- Intuitive control panel for easy operation

LOWEST OPERATING COST

Affordable for all environments

- Unused core material is recycled for the next build, eliminating waste
- No physical supports are necessary
- Part costs are a fraction of competitive technologies
- Based on reliable, affordable ColorJet Printing (CJP) technology

Tablet & Smartphone remote connectivity

Easiest Connectivity

Test more ideas faster, economically

ProJet® x60 Printers

Competitor's Printer

PERIOD OF TIME

Fastest Print Speed

Realistic models, prototypes and precise details

High Full Color Resolution

High throughput for high volumes of prototypes or very large models

Large Parts Capacity

VisiJet® Material for ProJet® x60 Series

The VisiJet® line of materials offers numerous capabilities to meet a variety of commercial applications. Using the ColorJet Printing (CJP) technology, 3D Systems' ProJet® x60 3D Printers use the VisiJet® PXL™ material set to build strong, high-definition, full color concept models, assemblies and prototypes, for design realization, advanced communication, as well as development and production cost reduction. Printed models benefit transportation, energy, consumer products, recreation, healthcare, education and other vertical markets. Parts can be sanded, drilled, tapped, painted and electroplated, which further expands the options available for finished part characteristics. Additionally, models have high-temperature resistance, ideal for digital manufacturing and molding applications.

INFILTRATED PARTS PROPERTIES

Infiltrant	ColorBond™	StrengthMax™	Salt Water Cure™
Composition	VisiJet® PXL™	VisiJet® PXL™	VisiJet® PXL™
Tensile Strength, MPa	14.2	26.4	2.38
Elongation at Break, %	0.23	0.21	0.04
Modulus of Elasticity, MPa	9,450	12,560	12,855
Flexural Strength, MPa	31.1	44.1	13.1
Flexural Modulus, MPa	7,163	10,680	6,355
Description	Instant-cure infiltrant ideal for color models to improve strength and color vibrancy and retention.	Two-part infiltrant ideal for functional models to dramatically improve the strength of the model.	Eco-friendly and hazard-free infiltrant. Ideal for monochrome models and draft-color. Provides additional surface hardness and modulus upon dipping, or spraying.

Mechanical Design

Healthcare

AEC

Education

Geospatial

Entertainment

Specialized Applications

	ProJet® 160	ProJet® 260C	ProJet® 360	ProJet® 460Plus	ProJet® 660Pro	ProJet® 860Pro
Resolution	300 x 450 dpi	300 x 450 dpi	300 x 450 dpi	300 x 450 dpi	600 x 540 dpi	600 x 540 dpi
Color	White (monochrome)	Basic CMY	White (monochrome)	Full CMY	Full CMYK	Full CMYK
Pastel or vibrant color options					•	•
Minimum Feature Size	0.016 inches (0.4 mm)	0.016 inches (0.4 mm)	0.006 inches (0.15 mm)	0.006 inches (0.15 mm)	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)
Layer Thickness	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)	0.004 inches (0.1 mm)
Vertical Build Speed	0.8 inch/hour (20 mm/hour)	0.8 inch/hour (20 mm/hour)	0.8 inch/hour (20 mm/hour)	0.9 inch/hour (23 mm/hour)	1.1 inch/hour (28 mm/hour)	0.2 – 0.6 inch/hour* (5 – 15 mm/hour)*
Prototypes per Build**	10	10	18	18	36	96
Draft Printing Mode (monochrome)					•	•
Net Build Volume (xyz)	9.3 x 7.3 x 5 inches (236 x 185 x 127 mm)	9.3 x 7.3 x 5 inches (236 x 185 x 127 mm)	8 x 10 x 8 inches (203 x 254 x 203 mm)	8 x 10 x 8 inches (203 x 254 x 203 mm)	10 x 15 x 8 inches (254 x 381 x 203 mm)	20 x 15 x 9 inches (508 x 381 x 229 mm)
Build Materials	VisiJet® PXL™	VisiJet® PXL™	VisiJet® PXL™	VisiJet® PXL™	VisiJet® PXL™	VisiJet® PXL™
Number of Jets	304	604	304	604	1520	1520
Number of Print Heads	1	2	1	2	5	5
Automated Setup & Self Monitoring	•	•	•	•	•	•
Core™ Recycling	•	•	•	•	•	•
Automatic Build Platform Clearing				•	•	•
Fine Core™ Removal	Accessory	Accessory	Integrated	Integrated	Integrated	Accessory
Integrated Materials	•	•	•	•	•	•
Intuitive Control Panel	•	•	•	•	•	•
E-mail Notice Capability	•	•	•	•	•	•
Tablet/Smartphone Connectivity	•	•	•	•	•	•
Print3D App	Remote monitoring and control from tablet, computers and smartphones					
Input Data File Formats Supported	STL, VRML, PLY, 3DS, FBX, ZPR	STL, VRML, PLY, 3DS, FBX, ZPR	STL, VRML, PLY, 3DS, FBX, ZPR	STL, VRML, PLY, 3DS, FBX, ZPR	STL, VRML, PLY, 3DS, FBX, ZPR	STL, VRML, PLY, 3DS, FBX, ZPR
Client Operating System	Windows® 7 and Vista®	Windows® 7 and Vista®	Windows® 7 and Vista®	Windows® 7 and Vista®	Windows® 7 and Vista®	Windows® 7 and Vista®
Operating Temperature Range	55-75°F (13 - 24 ℃)	55-75°F (13 - 24 ℃)	55-75°F (13 - 24 ℃)	55-75°F (13 - 24 ℃)	55-75°F (13 - 24 ℃)	55-75°F (13 - 24 ℃)
Operating Humidity Range	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.	20-55% - non-cond.
Dimensions (WxDxH) 3D Printer Crated 3D Printer Uncrated	37 x 47 x 62 inches (94 x119 x 158 cm) 29 x 31 x 55 inches (74 x 79 x 140 cm)	37 x 47 x 62 inches (94 x119 x 158 cm) 29 x 31 x 55 inches (74 x 79 x 140 cm)	55 x 45 x 62 inches (140 x 114 x 158 cm) 48 x 31 x 55 inches (122 x 79 x 140 cm)	55 x 45 x 62 inches (140 x 114 x 158 cm) 48 x 31 x 55 inches (122 x 79 x 140 cm)	86 x 48 x 63 inches (218 x 122 x 160 cm) 76 x 30 x 57 inches (193 x 76 x 145 cm)	64 x 58 x 73 inches (163 x 147 x 185 cm) 47 x 46 x 68 inches (119 x 116 x 162 cm)
Weight - 3D Printer Crated Weight - 3D Printer Uncrated	437 lbs (198 kg) 365 lbs (165 kg)	437 lbs (198 kg) 365 lbs (165 kg)	553 lbs (251 kg) 395 lbs (179 kg)	602 lbs (273 kg) 425 lbs (193 kg)	1116 lbs (507 kg) 750 lbs (340 kg)	987 lbs (448 kg) 800 lbs (363 kg)
Electrical	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	90-100V, 7.5A 110-120V, 5.5A 208-240V, 4.0A	100-240V, 15-7.5A	100-240V, 15-7.5A
Noise Building Core Recovery Vacuum (open) Fine Decoring	57 dB 66 dB 86 dB -	57 dB 66 dB 86 dB -	57 dB 66 dB 86 dB 80 dB	57 dB 66 dB 86 dB 80 dB	57 dB 66 dB 86 dB 80 dB	57 dB 66 dB 86 dB -
Office Compatibility	•	•	•	•	•	
Certifications	CE, CSA	CE, CSA	CE, CSA	CE, CSA	CE, CSA	CE, CSA

* Speed increases with volume of prototypes
** Based on baseball-size geometry

05-14