ProJet® x60 Series
Professional 3D Printers

Fast
Full Color
Affordable

Full Color 3D Printing
Large Capacity
High Resolution
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

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

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
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**

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

**Specialized Applications**

- Mechanical Design
- Healthcare
- AEC
- Education
- Geospatial
- Entertainment
- Entertainment
<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution</th>
<th>Color</th>
<th>Pastel or vibrant color options</th>
<th>Minimum Feature Size</th>
<th>Layer Thickness</th>
<th>Vertical Build Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProJet® 160</td>
<td>300 x 450 dpi</td>
<td>White (monochrome)</td>
<td>-</td>
<td>0.016 inches (0.4 mm)</td>
<td>0.004 inches (0.1 mm)</td>
<td>0.8 inch/hour (20 mm/hour)</td>
</tr>
<tr>
<td>ProJet® 260C</td>
<td>300 x 450 dpi</td>
<td>Basic CMY</td>
<td>-</td>
<td>0.016 inches (0.4 mm)</td>
<td>0.004 inches (0.1 mm)</td>
<td>0.8 inch/hour (20 mm/hour)</td>
</tr>
<tr>
<td>ProJet® 360</td>
<td>300 x 450 dpi</td>
<td>White (monochrome)</td>
<td>-</td>
<td>0.006 inches (0.15 mm)</td>
<td>0.004 inches (0.1 mm)</td>
<td>0.9 inch/hour (23 mm/hour)</td>
</tr>
<tr>
<td>ProJet® 460Plus</td>
<td>300 x 450 dpi</td>
<td>Full CMY</td>
<td>-</td>
<td>0.006 inches (0.15 mm)</td>
<td>0.004 inches (0.1 mm)</td>
<td>1.1 inch/hour (28 mm/hour)</td>
</tr>
<tr>
<td>ProJet® 660Pro</td>
<td>600 x 540 dpi</td>
<td>Full CMYK</td>
<td>-</td>
<td>0.004 inches (0.1 mm)</td>
<td>0.004 inches (0.1 mm)</td>
<td>0.2 – 0.6 inch/hour (5 – 15 mm/hour); speed increases with volume of prototypes</td>
</tr>
<tr>
<td>ProJet® 860Pro</td>
<td>600 x 540 dpi</td>
<td>Full CMYK</td>
<td>-</td>
<td>0.004 inches (0.1 mm)</td>
<td>0.004 inches (0.1 mm)</td>
<td>-</td>
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</table>

### ProJet® x60 Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Jets</th>
<th>Number of Print Heads</th>
<th>Automated Setup and Self Monitoring</th>
<th>Core® Recycling</th>
<th>Automatic Build Platform Clearing</th>
<th>Fine Core® Removal</th>
<th>E-mail Notice Capability</th>
<th>Tablet/Smartphone Connectivity</th>
<th>Print3D App</th>
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<tbody>
<tr>
<td>ProJet® 160</td>
<td>304</td>
<td>1</td>
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<tr>
<td>ProJet® 260C</td>
<td>604</td>
<td>2</td>
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<tr>
<td>ProJet® 460Plus</td>
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<tr>
<td>ProJet® 660Pro</td>
<td>1520</td>
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<td>-</td>
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<td>-</td>
<td>-</td>
</tr>
<tr>
<td>ProJet® 860Pro</td>
<td>1520</td>
<td>5</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
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</tr>
</tbody>
</table>

### Input Data File Formats Supported

- STL, VRML, PLY, 3DS, FBX, ZPR

### Client Operating System

- Windows® 7 and Vista

### Operating Temperature Range

- 55-75°F (13 - 24 °C)

### Operating Humidity Range

- 20-55% - non-cond.

### Printer Dimensions

- 29 x 31 x 55 inches (74 x 79 x 140 cm)

### Printer Weight

- 365 lbs (165 kg)

### Electrical

- 90-100V, 7.5A

### Noise

- Building 57 dB

### Office Compatibility

- CE, CSA

### Certifications

- CE, CSA

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