ProJet® 460Plus – Professional 3D Printer

The ProJet 460Plus full-color 3D printer is the world's most affordable color 3D printer with the highest ease-of-use in its class.
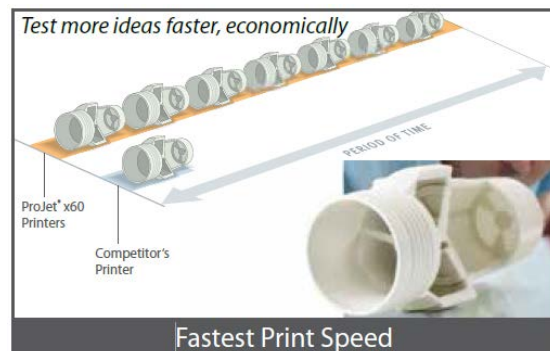
Incorporating advanced 3-channel CMY full-color 3D printing, the ProJet 460Plus operates with safe build materials, active dust control and zero liquid waste, making it an ideal office companion with a wide range of applications.

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
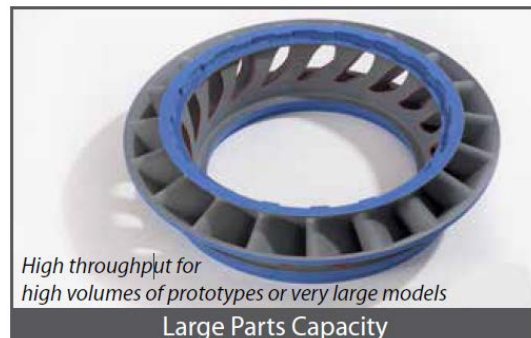• Multiple print heads provide the best range of accurate and consistent colors

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

Fastest Print Speed

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

High throughput for high volumes of prototypes or very large models
Large Parts Capacity

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

3D Printing Solutions:

- **Aerospace/Defence**
- **Architecture/Geo**
- **Arts/Entertainment**
- **Automotive**
- **Consumer**
- **Education**
- **Energy**
- **Healthcare**
- **Hobbyist**
- **Jewelry**

Specifications for ProJet 460Plus:

Resolution	300 x 450 dpi
Color	Full CMY
Minimum Feature Size	0,15 mm
Layer Thickness	0,1 mm
Vertical Build Speed	23 mm/h
Prototypes per Build*	18
Net Build Volume (xyz)	203 x 254 x 203 mm
Build Material	VisiJet® PXL™
Number of Jets	604
Number of Print Heads	2
Automated Setup & Self Monitoring	•
Core™ Recycling	•
Automatic Build Platform Clearing	•
Fine Core™ Removal	Integrated
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
Client Operating System	Windows® 7 and Vista®
Operating Temperature Range	13 – 24 ºC
Operating Humidity Range	20 – 55 % 9 non-cond.
Certifications	CE, CSA

* Based on baseball-size geometry

Source: http://www.3dsystems.com/