

Stratasys J55

The Stratasys J55™ 3D printer combines the quality of Stratasys PolyJet technology with a compact, office-friendly design.

The five material channel, full color printer features a rotating build platform with fixed print head for outstanding surface finish and print quality. Engineered for the office or design studio environment, it features a small footprint and ProAero™ filtration technology for odor free, silent and low power operation.

The J55 offers a streamlined design-to-print workflow powered by GrabCAD Print™. This allows users to import their designs using native CAD files or 3MF file formats. GrabCAD Print also enables Pantone® validated color matching. Remote monitoring lets you easily manage your print jobs from outside the office. Additionally, hands-free soluble support removal makes post processing simple and enables the creation of complex parts without compromising accuracy or detail.

Product Specifications

Model Materials	■ VeroCyanV™ ■ VeroMagentaV™ ■ VeroYellowV™ ■ VeroPureWhite™	■ VeroBlackPlus™ ■ VeroClear™ ■ DraftGrey™
Support Materials	SUP710™	
Build Size/Printing Area	Up to 1,174 cm²	
Layer Thickness	Horizontal build layers down to 18 microns (0.0007 in.)	
Network Connectivity	LAN - TCP/IP	
System Size and Weight	651 x 661 x 1551mm (25.63 x 26.02 x 61.06 in.); 228 kg (503 lbs.)	
Operating Conditions	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70% (non-condensing)	
Power Requirements	100–120 VAC, 50–60 Hz, 6A, 1 phase 220–240 VAC, 50–60 Hz, 3A, 1 phase	
Regulatory Compliance	CE, FCC, EAC	
Software	GrabCAD Print	
Build Modes	High Quality Speed (HQS) – 18.75um	
Accuracy	Deviation from STL dimensions, for 1 Sigma (67%) of models printed with rigid materials, based on size: under 100 mm – ±150µ; above 100 mm – ±0.15% of part length.** Deviation from STL dimensions, for 2 Sigma (95%) of models printed with rigid materials, based on size: under 100 mm – ±180µ; above 100 mm – ±0.2% of part length.**	

**Measured when ambient temperature is 23 °C and relative humidity is 50%.

STRATASYS HQ

7665 Commerce Way
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park, PO Box 2496
Rehovot 76124, Israel stratasys.com
+972 74 745 4000
+972 74 745 5000 (Fax) ISO 9001:2015 Certified

TriMech Headquarters

4461 Cox Road, Suite 302
Glen Allen, VA 23060
Phone: 888.874.6324

Marketing@TriMech.com
TriMech.com



ProAero Air Extraction System

An integral component of the J55™ 3D printer, the ProAero air filtration system effectively captures fumes generated from the 3D printing process and returns safe, filtered air to the breathing zone. It's ultra-quiet and runs at low power, making it ideal for an office or studio space.

Product Specifications

Capacity	75 m³/h (44CFM)
Airflow/Pressure	150m3/h (88CFM)
Weight	10.5 kg (23.1 lbs)
Motor	Centrifugal
Fan Output	100 W
Electrical Supply	115-230 V
Frequency	50/60Hz
Full Load Current	2.0 A
Noise Level	Below 57 dBA (at typical operating speed)
Size	413 x 298 x 283 mm; 16.3 x 11.7 x 11.1 in
Temperature	+5°C to +40°C; +41°F to +104°F
Humidity	Max 80% relative humidity (RH) up to 31°C; Max 50% RH at 40°C

Filters

Filter Type	Construction	Efficiency
Pre Filter	Pad	F7 (96% @ 2 microns)
Combined Filter HEPA	Maxipleat Construction with Webbing Spacers	99.997% @ 0.3 microns
Carbon	Granules	Activated

STRATASYS HQ

7665 Commerce Way
Eden Prairie, MN 55344
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park, PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000 stratasys.com
+972 74 745 5000 (Fax) ISO 9001:2015 Certified

TriMech Headquarters

4461 Cox Road, Suite 302
Glen Allen, VA 23060
Phone: 888.874.6324
Marketing@TriMech.com
TriMech.com

