

# Stratasys J55 Prime

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

The five material channel, full colour 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 colour matching.



## J55 Pro Printer and Material Specifications

<b>Model Materials</b>	<input checked="" type="checkbox"/> VeroCyanV	<input checked="" type="checkbox"/> VeroBlackPlus	<input checked="" type="checkbox"/> VeroUltra BlackS	<input type="checkbox"/> Vero ContactClear
	<input checked="" type="checkbox"/> VeroMagentaV	<input type="checkbox"/> VeroClear	<input type="checkbox"/> VeroUltra ClearS	<input checked="" type="checkbox"/> Digital ABS Plus
	<input checked="" type="checkbox"/> VeroYellowV	<input checked="" type="checkbox"/> DraftGrey	<input type="checkbox"/> Elastico Clear	<input type="checkbox"/> ToughONE WhiteS
	<input type="checkbox"/> VeroPureWhite	<input type="checkbox"/> VeroUltra WhiteS	<input checked="" type="checkbox"/> Elastico Black	
<b>Support Materials</b>	SUP710			
<b>Build Size/Printing Area</b>	140 x 200 x 187 mm (5.51 x 7.87 x 7.48 in.) 1,174cm <sup>2</sup>			
<b>Layer Thickness</b>	Horizontal build layers down to 18 microns (0.0007 in.)			
<b>Network Connectivity</b>	LAN - TCP/IP			
<b>System Size &amp; Weight</b>	651 x 661 x 1511mm (25.63 x 26.02 x 59.49 in.); 228 kg (503 lbs.)			
<b>Operating Conditions</b>	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70% (non-condensing)			
<b>Power Requirements</b>	100-240VAC, 50-60 HZ, 10A, 1 phase			
<b>Software</b>	GrabCAD Print			
<b>Build Modes</b>	High Quality Speed (HQS) – 18.75um			
<b>Accuracy</b>	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.**			

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