

# Stratasys J735 and J750

## Unmatched Product Realism

[The Stratasys J735™ and J750™](#) 3D Printers deliver unrivaled aesthetic performance including true, full-color capability with texture mapping and color gradients.

Create prototypes that look, feel and operate like finished products, without the need for painting or assembly, thanks to these printers' wide range of material properties. With an astounding 500,000+ color combinations to choose from and multi-material capability, the Stratasys J735 and Stratasys J750 allow you to bring even your most imaginative ideas to life.

## Maximum Versatility

Take advantage of unparalleled 3D printing versatility. Channel a range of applications that previously required multiple systems to achieve all in one package with a vast array of colors and material properties, from rigid to flexible and opaque to transparent, and the ability to print many diverse materials in one job or part. Print parts that feature [Digital ABS Plus™](#) alongside a variety of flexible Shore A values and/or translucencies. With the fastest [PolyJet](#) multi-material 3D printer, you won't sacrifice time for part intricacy and complexity.

## Fast and Efficient Workflow

Streamline your workflow with [GrabCAD Print™](#). GrabCAD Print allows you to print directly from your favorite professional CAD formats, saving hours of time usually spent converting and fixing STL files. Lean on smart default settings, tooltips and notifications to guide you through a seamless printing process. Work with detailed views of your model, tray, and slice preview so you can make necessary adjustments before going to print.

The large, six-material capacity of the Stratasys J735 and J750 means you can load your most used resins and avoid downtime associated with material changeovers. Print simulated production plastics, like Digital ABS Plus, in half the time or with twice the resolution. Along with the selected model material, the 3D printer features two support material options: SUP705, removed with a WaterJet, and SUP706, which is soluble and easily removed for automated post-processing and increased geometric freedom to print complex and delicate features and small cavities.

## Achieve ROI Quickly

With high efficiency and low cost per part, you'll realize ROI in no time with the Stratasys J735 and J750. No matter what industry or application, these two 3D printers can take on any 3D printing need and adapt for your changing requirements.

# Stratasys J735 and J750

## Product Specifications

Model Materials	<ul style="list-style-type: none"> <li>Vero™ family of opaque materials including neutral shades and vibrant colors like VeroCyanV™, VeroMagentaV™ and VeroYellowV™</li> <li>VeroFlex™ and VeroFlexVivid™ families of strong but slightly flexible materials</li> <li>Tango™ and Agilus30™ families of flexible materials</li> <li>Transparent VeroClear™ and RGD720</li> </ul>
Digital Model Materials	<p>Unlimited number of composite materials including:</p> <ul style="list-style-type: none"> <li>Over 500,000 colors</li> <li>Digital ABS Plus and Digital ABS2 Plus™ in ivory and green</li> <li>Rubber-like materials in a variety of Shore A values</li> <li>Translucent color tints</li> <li>User-developed digital materials with GrabCAD Voxel Print™</li> </ul>
Support Materials	<p>SUP705™ (WaterJet removable)</p> <p>SUP706B™ (soluble)</p>
Build Size	<p><b>Stratasys J735:</b> 350 x 350 x 200 mm (13.8 x 13.8 x 7.9 in.)</p> <p><b>Stratasys J750:</b> 490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)</p>
Layer Thickness	Horizontal build layers down to 14 microns (0.00055 in.)
Workstation Compatibility	Windows 7 and 8.1
Network Connectivity	LAN - TCP/IP
System Size and Weight	<p>1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.4 in.); 430 kg (948 lbs.)</p> <p><b>Material Cabinet:</b> 670 x 1,170 x 640 mm (26.4 x 46.1 x 25.2 in.); 152 kg (335 lbs.)</p>
Operating Conditions	Temperature 18-25 °C (64-77 °F); relative humidity 30-70% (non-condensing)
Power Requirements	<p>100–120 VAC, 50–60 Hz, 13.5 A, 1 phase</p> <p>220–240 VAC, 50–60 Hz, 7 A, 1 phase</p>
Regulatory Compliance	CE, FCC, EAC
Software	GrabCAD Print, including the optional add-on GrabCAD Voxel Print
Build Modes	<p><b>High Speed:</b> up to 3 base resins, 27-micron (0.001 in.) resolution</p> <p><b>High Quality:</b> up to 6 base resins, 14-micron (0.00055 in.) resolution</p> <p><b>High Mix:</b> up to 6 base resins, 27-micron (0.001 in.) resolution</p>
Accuracy	Up to 200 microns for full model size (for rigid materials only, depending on geometry, build parameters and model orientation)

### Stratasys Headquarters

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  
+972 74 745 5000 (Fax)

stratasys.com  
ISO 9001:2008 Certified

©2016, 2017, 2018 Stratasys Ltd. All rights reserved. Stratasys, Stratasys signet, PolyJet, Stratasys J735, Stratasys J750, Digital ABS Plus, Digital ABS2 Plus, Agilus30, VeroBlack, VeroCyan, VeroMagenta, VeroMagentaV, VeroYellow, VeroYellowV, VeroWhite, VeroCyanV, VeroMagentaV, VeroYellowV, SUP705, SUP706B, VeroFlex, VeroFlexVivid and GrabCAD Voxel Print are trademarks or registered trademarks of Stratasys Ltd. and/or its subsidiaries or affiliates and may be registered in certain jurisdictions. All other trademarks belong to their respective owners. Product specifications subject to change without notice. Printed in the USA. PSS\_PJ\_Stratasys J735-J750\_1018a

