Possibilities at every turn

Bring your designs to life with the Stratasys J55 3D printer

Own your design process from start to finish. From fast concept models to quality high-fidelity models, the office-friendly Stratasys® J55™ 3D printer is an affordable option for maximum designer output.

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Brochure

Ideas spun
to life.

From perfecting products to applying concepts learned in the classroom, the J55 can help you realize any number of design ideas. The J55 introduces a rotating print platform for outstanding surface finish and printing quality, and features multimaterial capabilities and material configurations for both industrial and mechanical design.

Designed for consistent, stable performance, the J55 requires zero mechanical calibrations and features a “ready-to-print” mode, so you can make ideas a reality without interruption.

Created for you. For your workspace.

Productivity at your elbow. Office, classroom, or studio environment – the J55 office solution is engineered to fit seamlessly into a professional space, with minimal distractions and maximum output.

Compact.

The J55 features the best in-class footprint to printing tray ratio on the market, which means less bulk in your office and a better yield.

Odor free.

Studios, offices and classrooms are not production facilities – and shouldn't need to be. The smell free system uses a ProAero Air Extractor to effectively capture and filter out fumes, for a safe and odor free operation.

Ultra-Quiet.

The J55 is ultra-quiet, operating under 53 decibels – that's about the same as a household refrigerator.

Cost effective.

At about half the cost of our J826 shop solution, the Stratasys J55 makes transforming your workflow – at an accessible price – a reality.

Ease of use.

Leverage an intuitive, three-step color 3D printing workflow – design, import, and print. Simply import designs using native CAD files or 3MF file formats and send models to the J55 using GrabCAD Print software.

Quality.

With the J55, there's no need to compromise. Upgrade your design process with high resolution, fast prints, and a full color range – all integrated into one low power office solution. Now you can transform your workflow without transforming your space.

stratasys | J55
PUSH

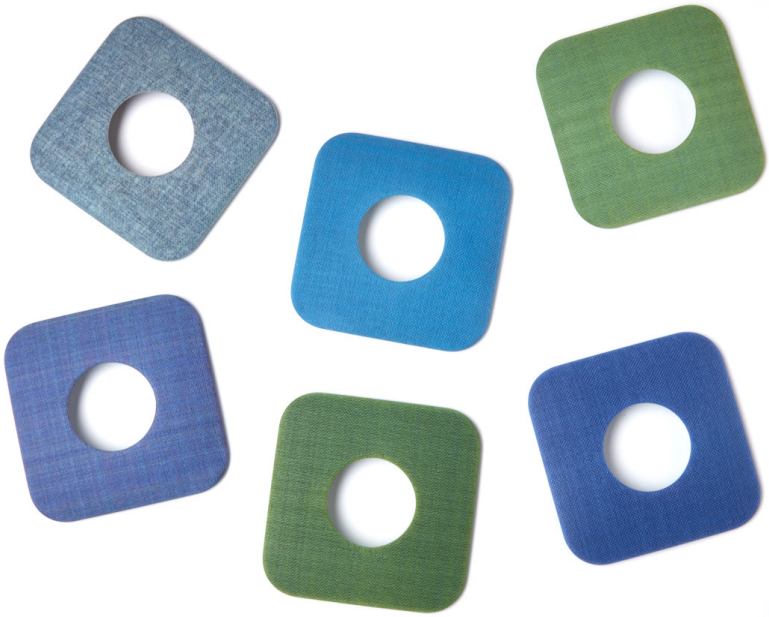
Your design cycle, **simplified.**

Rough: Concept Models.

Reduce time spent on manual models, and iterate initial designs fast and often. The economical DraftGrey material makes concept models easy and affordable. In the time it takes to make a single prototype using traditional methods, you can get 5x more design iterations with the Stratasys J55 3D printer.

Ready: Detailed Designs.

Incorporate color early and often. CMF designs can be introduced weeks earlier than traditional methods allow, including parts printed with several colors and textures thanks to multi-material capabilities. Parts printed on the J55 require little to no post-processing, reducing labor and making your design process run smoother.



Right: High-Fidelity Prototypes.

With high-quality full-color materials and realistic surface finishing, the J55 lets you create parts that look and feel like the real thing. Instead of wasting time and money on outsourcing, create everything in-house. Realistic prototypes let you correct mistakes and verify designs more efficiently, leading to quicker decisions and approvals.

Communicate with reality.

Create prototypes that feature full color and texture realism. The J55 can produce more than 500,000 distinguishable color combinations, print five resins simultaneously and provide multimaterial capabilities that bring even the most imaginative ideas to life – allowing you to make more accurate design decisions earlier in the process.

Power Designs With Color

Improve the speed, efficiency and color fidelity of your prototypes by 3D printing with PANTONE® colors. As a PANTONE Validated™ 3D printer, the J55 enables you to match Stratasys CMYK colors ot more than 1,900 printable PANTONE Colors, Solid Coated and SkinTones™.

See
the specs.

Product Specifications	
Model Materials	■ VeroCyanV™ ■ VeroMagentaV™ ■ VeroYellowV™ □ VeroPureWhite™ ■ VeroBlackPlus™ □ VeroClear™ ■ DraftGrey™
Support Materials	SUP710™
Build Size/Printing Area	Up to 1,174 cm^2
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%.

Imagine what
you could do.

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