The ultimate 3D printers for Design



stratasys

Transform your design process with 3D printing. Create prototypes faster and cheaper than ever before, with highly-detailed, full-colour models at your fingertips.

Simplify your design process

Rapid prototyping with 3D printing has changed **modern product development.**

Since its adoption in the 1980s, 3D printing has revolutionised the way designers communicate ideas and validate dimensions, assembly and functionality.

Traditionally, designers would use digital models to communicate how they expected an end product to look, feel and perform. The use of digital models is inexpensive and flexible. However, it is increasingly ineffective in winning the approval of stakeholders, who demand tangible scale models that closely mimic the end product, early in development.

Time is everything

The prototyping process is fragmented: orders need to be raised internally, raw materials must be sourced and third parties require a detailed brief. It's easy to fall behind your competitors and, in a saturated market, can you afford to?

Today, thanks to modern 3D-printing techniques and incredibly advanced material properties, it is possible to achieve parts of similar quality to those produced by injection moulding in just hours, without the need for specialist tooling.

SYS Systems and Stratasys can provide the right solution to drive down product development costs, getting your products to market faster and augmenting the creative process. Such capabilities can enable you to win new business, build better relationships with your customers and minimise the risk of design exposure.

The benefits of Stratasys 3D printing **for design**

Faster

Produce prototypes in hours instead of days or even weeks. 3D printing prototypes internally reduces lead times by up to 80%.

Cheaper

Significantly lower costs. In-house 3D printing is typically between 5-10x more cost effective than outsourcing.

Opportunity

Lower part costs and shorter lead times. 3D printing allows for prototypes to be produced earlier in the design cycle, impressing clients and producing better end results.

Efficient

Reduce laborious internal processes such as sending out quote requests and raising orders for parts from suppliers.

Secure

Digital data protection. Keep sensitive files and designs in-house to reduce the chances of loss or theft of data.

Convenient

Easy-to-use software allows you to print CMF models directly from your CAD package such as SolidWorks.

Versatile

Print parts in different colours, textures and materials at the same time on the same build.

Controlled

Reduce impact of uncontrollable external factors such as suppliers' capacity and delivery problems.



Outsourced vs. in-house 3D print

Consider the following price comparison for the full assembly of a 3D printed speaker (pictured below). Printing it in-house saved time and money whilst the prototype was far superior in versatility, functionality and finish to the outsourced options.

Outsourced 3D print	VS.	In-house 3D print
£475+	**COST**	£73
3+ days	**TIME**	4hrs 31m
100+ microns	**LAYER THICKNESS**	18 microns
Monochrome	**COLOUR**	Full colour

Versatile.
Cheaper.
Faster.



J55 Prime

Full CMF protoyping in an office-friendly solution.

The J55 Prime unlocks full-colour 3D printing at an affordable price point.

Suitable for schools, offices and design studios, it features the best footprint-to-build-size ratio on the market, taking up less space so that your ideas have more room to flourish. Tailor your prototypes to match the final product closely, allowing designers and project stakeholders to see, feel and interact with the reality of your ideas.

Introducing a rotating print platform for outstanding surface finish and printing quality, the J55 Prime from Stratasys features multi-material capabilities and material configurations for concept, industrial and mechanical design.



> “I can’t imagine how we lived without our 3D printer. It’s really helped us to improve our design processes and put high-quality parts in front of our clients from the outset.”
>
> Alex Lee , Director, Duku

J55 Prime from £397 per week*

*Indicative price for base machine only, subject to credit approval

Specification:

Machine Size:	651 x 661 x 1511mm
Build Envelope:	1,174cm2
Layer Thickness:	18 microns

Materials:

VeroCyanV
VeroMagentaV
VeroYellowV
DraftGrey
VeroUltraClearS
VeroUltra WhiteS
VeroUltra BlackS
VeroPureWhite
VeroBlackPlus
VeroClear
Elastico Clear Elastico™ Black
Digital ABS Ivory
VeroContact Clear

Water soluble support material - WSS150
Soluble support material - SUP710

J35 Pro

In-house engineering-grade, multi-material 3D printing.



The ultimate desktop 3D printer.

Prototyping in translucent and grayscale colours has never been easier or more affordable with the J35 Pro, giving you one of the most accessible multi-material design tools on the market. From simple models all the way to simulating overmoulding with rubber, create in-house with greater control.

Low maintenance, odour-free and with a small footprint, the J35 Pro starts saving time and money from the moment it begins its first print.



> “The J35 Pro can not only cost-effectively create true-to-life prototype models in-house, but we have also cut our production time by 90%, which is more than we could have ever imagined.”
>
> Robert Wright, Principal Mechanical Engineer, Sepura



J35 Pro from £211 per week*

*Indicative price for base machine only, subject to credit approval

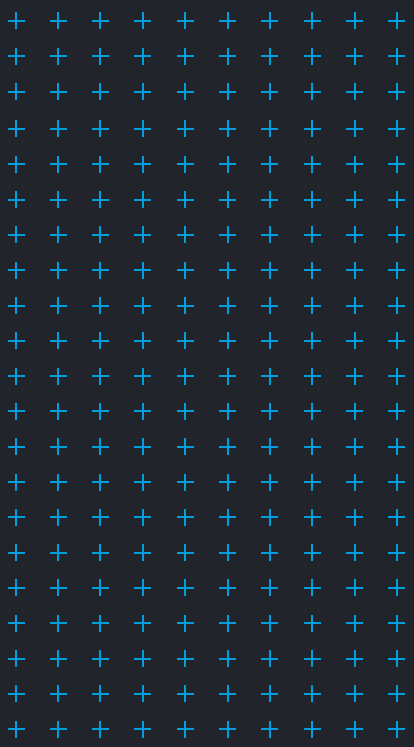
Specification:

Machine Size:	651 x 661 x 774mm
Build Envelope:	1,174cm2
Layer Thickness:	18 microns

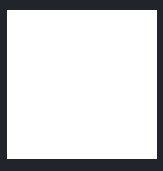
Materials:

VeroUltra™ClearS
VeroUltra™BlackS
VeroUltra™WhiteS
DraftGray
D-ABS Plus™
Elastico™ Black
Elastico™ Clear
Vero™ ContactClear

Water soluble support material - WSS150
Soluble support material - SUP710







Faraday House, Woodyard Lane, Foston, Derby, DE65 5BU
01283 585955 | info@sys-uk.com



