

Whatever you imagine, there's a Dimension 3D Printer to build it.



Print 3D models that hold up under pressure.

All Dimension 3D Printers use ABS*plus*, a production-grade thermoplastic that gives your models the ability to perform just like production parts.

The core of every model: FDM® Technology.

Our proven technology has made Dimension the number one selling 3D Printer family for more than ten years. Stratasys FDM (Fused Deposition Modeling) Technology is the foundation for all Dimension 3D Printers. Two materials — one for models, one for support — are heated in an extrusion head and deposited in thin layers on a modeling base. The model is precisely built layer upon layer. When the model is complete, the support material is removed leaving an accurate, durable functional 3D model.

For more information about Dimension 3D Printers, contact a reseller at **+1 866 721 9244** or visit www.dimensionprinting.com

	Dimension 1200es 3D Print Pack	Dimension Elite 3D Print Pack	Dimension 1200es BST
Build Envelope	254 x 254 x 305 mm (10 x 10 x 12 in)	203 x 203 x 305 mm (8 x 8 x 12 in)	254 x 254 x 305 mm (10 x 10 x 12 in)
Size and Weight	838 x 737 x 1143 mm (33 x 29 x 45 in) 148 kg (326 lbs)	686 x 914 x 1041 mm (27 x 36 x 41 in) 136 kg (300 lbs)	838 x 737 x 1143 mm (33 x 29 x 45 in) 148 kg (326 lbs)
Layer Thickness	.254 mm (.010 in) or .330 mm (.013 in)	.178 mm (.007 in) or .254 mm (.010 in)	.254 mm (.010 in) or .330 mm (.013 in)
Modeling Material	ABS <i>plus</i> in ivory, blue, fluorescent yellow, black, red, nectarine, olive green, gray or white. 	ABS <i>plus</i> in ivory, blue, fluorescent yellow, black, red, nectarine, olive green, gray or white. 	ABS <i>plus</i> in ivory, blue, fluorescent yellow, black, red, nectarine, olive green, gray or white. 
Support Material	Soluble or breakaway.	Soluble only.	Breakaway only.
Price	1200es SST: \$32,900 (€24.370)* 1200es SST Print Pack \$34,900 (€25.900)*	Elite: \$29,900 (€22.150)* Elite Print Pack: \$31,900 (€23.700)*	1200es BST: \$24,900 (€18.500)*

*Manufacturer's worldwide list price. Additional options, shipping and applicable taxes/VAT/duties not included.

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dimension
3D Printers

**GIVE
YOUR
IDEAS
THREE
DIMENSIONS**



Create a more productive design process with Dimension 3D Printers.



1 Dimension 1200es SST 3D Print Pack

With the largest build size in the Dimension family, the Dimension 1200es SST 3D Printer has the capacity to create a wide variety of 3D models fast. See and test your concepts earlier in the design process. Reach final designs sooner. It's easy to use, and now easier to acquire thanks to the new Dimension 1200es SST 3D Print Pack. With the print pack you get everything you need to start printing right away – the Dimension 1200es SST 3D Printer, an SCA-1200 support removal system, and startup supply of materials.

2 Dimension Elite 3D Print Pack

The Dimension Elite 3D Printer prints intricate, durable models for projects such as medical devices or handheld electronics. It precisely deposits ABS*plus* thermoplastic in layers thin enough to print tiny functional parts with clearly visible details. Bundle your printer purchase into a Dimension Elite 3D Print Pack and you'll be ready to show off your designs by morning. The Dimension Elite 3D Print Pack comes with the Elite 3D Printer, SCA-1200 support removal system, and startup supplies.

3 Dimension 1200es BST

The Dimension 1200es BST 3D Printer is ideal for users who prefer printing their models with breakaway support material. Built with the same functionality of its SST (soluble support technology) sibling, the Dimension 1200es BST 3D Printer is on par with its capacity and speed.



Bring your ideas to life.

Print 3D models you can hold, discuss and test.

Imagine capturing an idea with your CAD program, then holding a functional model of it a few hours later. That's the power of Dimension 3D Printers. Faster than a service bureau. More real than a simulation. Dimension 3D Printers accelerate your design process by producing functional models that perform just like the final part.

The most complex, most durable models.

If you can design it with 3D CAD, a Dimension 3D Printer can print it with *ABSplus*, a production-grade thermoplastic. Models printed with Dimension 3D Printers have customer-proven toughness – from commercial sprayers tested at pressures up to 60 psi, to final parts on M1 tanks normally machined in aircraft-grade aluminum.

Design new products with confidence.

Dimension 3D Printers help you accurately test the form, fit and function of new products, so you can correct errors before committing to the cost of full production. And since Dimension 3D Printers print models right in your office, it's a lot easier to keep new products confidential.



Turn your 3D CAD designs into 3D models in three simple steps:

1] Process the file

To turn your 3D CAD design into a 3D model, all you have to do is click "print." Catalyst®EX software works behind the scenes (like a printer driver) to orient your design for the most efficient build and generate the necessary support.

2] Print the part

Inside the Dimension printer's build envelope, the dual-tipped extrusion head deposits liquefied model and support material following precise paths calculated by CatalystEX. Parts are built layer-by-layer from the bottom up.

3] Remove the supports

ABSplus thermoplastic is hard as soon as the printing is done — there's no waiting for the model to cure. Soluble support material dissolves away in a water-based solution. Breakaway supports simply snap off. The model is then ready for use or finishing.

Dimension 3D printers help you create:



Consumer products



Automotive components



Architectural models



Medical devices and models



Hands-on classroom experiences



Rapid tooling masters