



Dimension Elite

THINK IN 3D AND GIVE YOUR IDEAS NEW DIMENSION.

Bring your ideas to life in every detail.

Print functional, durable 3D models of your most intricate product designs with the Dimension Elite™ 3D Printer. It turns your 3D CAD files into models with fine feature detail; models that you can not only examine, but test.

The Dimension Elite is ideal for printing 3D product mockups and functional models of parts such as medical devices, mobile electronics and precision instruments. Just click “print” to prep the CAD file and print the model, then remove the support material to reveal your detailed design in three dimensions.

Bundle & Save

Order the Dimension 3D Print Pack™ and you'll get everything you need to start printing 3D models affordably – as soon as you unbox it.

You get:

- Elite 3D Printer
- SCA-1200 support removal system
- Startup supply of materials



LEARN MORE ABOUT THE DIMENSION ELITE AT STRATASYS.COM

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THE 3D PRINTING SOLUTIONS COMPANY



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PRODUCT SPECIFICATIONS

Model material:

ABSplus in ivory, white, black, red, olive green, nectarine, fluorescent yellow, blue or gray

Support material:

Soluble Support Technology (SST)

Build size:

203 x 203 x 305 mm (8 x 8 x 12 in)

Layer thickness:

.178 mm (.007 in) or .254 mm (.010 in) of precisely deposited ABSplus model and support material

Workstation compatibility:

Windows 10
Windows 8.1
Windows 8
Windows 7
Windows Vista

Network connectivity:

Ethernet TCP/IP 10/100Base-T

Size and weight:

686 x 914 x 1041 mm (27 x 36 x 41 in)
127kg (282 lbs)

Power requirements:

110–120 VAC, 60 Hz, minimum 15A
dedicated circuit; or 220–240 VAC
50/60 Hz, minimum 7A dedicated circuit

Regulatory compliance:

CE/ETL

Special facility requirements:

None

PRINT FINELY DETAILED 3D MODELS.

Print models in production-grade thermoplastic.

Dimension Elite 3D Printers use ABSplus™ modeling material, a production-grade thermoplastic that is durable enough to perform virtually the same as production parts. 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

At the core of every model: FDM® Technology.

Stratasys FDM (Fused Deposition Modeling) technology is the foundation for all Dimension 3D Printers. Models are printed from the bottom up with precisely deposited layers of modeling and support material. There's no waiting for models to "cure" — they're ready for support removal right from the printer. The Dimension Elite uses Soluble Support Technology which dissolves the supports in a water-based solution. Then, models can be drilled, tapped, sanded and painted.

A tool for today's fast-track product development.

You'll dramatically improve your product development process with Dimension Elite Printers. They print models that help you check form, fit and function, and correct errors, before your product goes into production. And they're versatile enough to produce functional models, molds, patterns, customized tools and fixtures. To shorten product development cycles and accelerate time-to-market, start with Dimension Elite 3D Printers — and bring your ideas to life.

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