Carbon Fiber 3D Printing

Strong, Versatile Solutions

Fortus 380mc Carbon Fiber Edition

Superior strength at an exceptional price

Get the strength of carbon fiber without warp or curl. Swap metal for lighter tools, functional prototypes and production parts. Soluble support enables design freedom.

Fortus 450mc

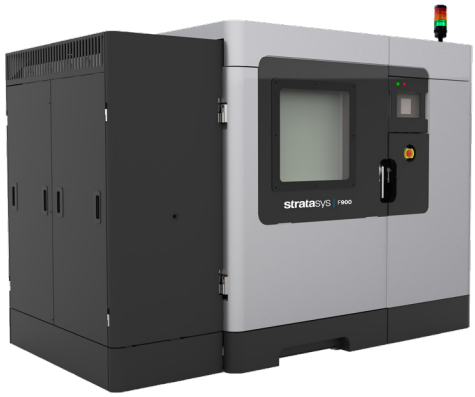
Expanded material options plus carbon fiber

Scale production with a larger build size, multiple high-performance material options and the strength of carbon fiber. Build the large, complex parts needed for today's manufacturing.

Stratasys F900

Manufacturing-level production plus carbon fiber

Meet the demanding needs of today's production environment. Get the strength of carbon fiber plus expanded material options in the largest build size. 3D print in standard thermoplastics to high-performance, heat-resistant ULTEM materials.



	Fortus 380mc Carbon Fiber Edition	Fortus 450mc	Stratasys F900
Build envelope	355 x 305 x 305 mm (14 x 12 x 12 in.)	406 x 355 x 406 mm (16 x 14 x 16 in.)	914.4 x 609.6 x 914.4 mm (36 x 24 x 36 in.)
Materials	FDM Nylon 12CF, ASA, Soluble Support	FDM Nylon 12CF, FDM Nylon 12, ABS-M30, ABS-M30i, ABS-ESD7, Anterro 800NA, ASA, PC, PC-ABS, PC-ISO, ULTEM 9085 resin, ULTEM 1010 resin, ST-130, Soluble and Breakaway Support	FDM Nylon 12 CF, FDM Nylon 12, FDM Nylon 6, ABS-M30, ABS-M30i, ABS-ESD7, ASA, PC, PC-ABS, PC-ISO, PPSF, ULTEM 9085 resin, ULTEM 1010 resin, ST-130, Soluble and Breakaway Support
System size and weight	129.5 cm x 90.2 cm x 198.4 cm (51 x 35.5 x 78.1 in.); 601 kg (1,325 lbs.)	129.5 cm x 90.2 cm x 198.4 cm (51 x 35.5 x 78.1 in.); 601 kg (1,325 lbs.)	2,772 x 1,683 x 2,027 mm (109.1 x 66.3 x 78.1 in.); 2,869 kg (6,325 lbs.)
Accuracy	± .127 mm (± .005 in.) or ± .0015 mm/mm (± .0015 in./in.), whichever is greater	± .127 mm (± .005 in.) or ± .0015 mm/mm (± .0015 in./in.), whichever is greater	± .089 mm (± .0035 in.) or ± .0015 mm/mm (± .0015 in./in.), whichever is greater
Software	Insight, GrabCAD Print	Insight, GrabCAD Print	Insight, GrabCAD Print

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