

FDM Printers - Industrial

Ab out	The industrial FDM printers fuse extruded lines of material to 3D print parts to high accuracy with engineered materials. The printers have heated enclosures to eliminate warping and fuse layers together. They also feature soluble support materials that dissolve out of holes and off of delicate features.
Cat eg ory	3D Printing
Lo cat ion	Front Room

Model Specifics

Properties	Status	Materials	About
Stratasys Fortus 450mc	AVAILABLE	<ul style="list-style-type: none">• ASA with soluble support (SR 30)• Biocompatible Polycarbonate (ISO 10993) with break-away support• Nylon 12 with soluble support (SR-110)• Nylon 12 Carbon Filled with soluble support (SR-110)• Utem 1010 with break-away support	<ul style="list-style-type: none">• 400 x 355 x 400 mm (16 x 14 x 16 in.) build volume.• Heated build chamber.
Stratasys F120	AVAILABLE	<ul style="list-style-type: none">• ASA with soluble support	<ul style="list-style-type: none">• 250 x 250 x 250 mm (10 x 10 x 10 in.) build volume.• Heated build chamber.



Stratasys F120



Stratasys Fortus 450mc

Standard Operating Procedure



Google Apps Sign-in Required

You must login to your [uAlberta Google apps](#) account to access these files.

Training



The Garage does not offer scheduled training on the industrial FDM printers. Request access on these printers from Garage staff.

Documentation



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Safety Data Sheets	N/A
Hazard Assessments	
Application Resources	<ul style="list-style-type: none">• Sign up and download GrabCAD Print HERE
Manufacturer's Manuals	