

FABLICATOR

SX Series Additive Manufacturing Workstation

The Fablicator SX is a 3D printer design unlike any other FFF printer on the market. It is extremely accurate, solid and versatile rapid prototyping machine.

Solid, Accurate and Ready to Create

We have designed the Fablicator to be a professional desktop 3D printer which meets the needs of designers, engineers and inventors alike. Our printers are shipped fully assembled and calibrated. Also, all the necessary interface software is preloaded, so you can start printing right out of the box.

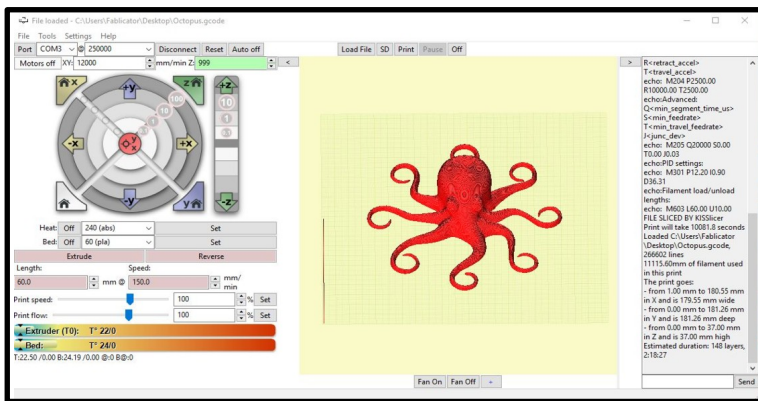
Since the Fablicator SX includes a complete Windows PC running Windows 10 or 11 Pro, you can install your preferred CAD program and it is possible to design, edit and print your creations all from one place - making it truly a turn-key 3D prototype solution for your office, laboratory or factory.



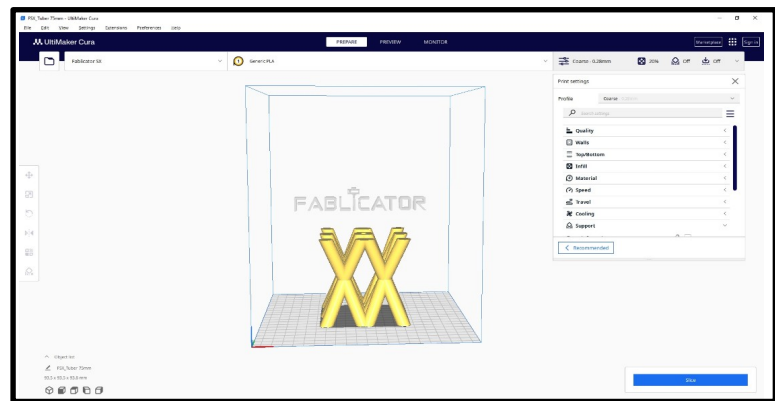
Not Your Average 3D Printer!

Built for the professional world at a price a startup or entrepreneurial tinkerer can afford. Ideal for educational engineering programs. Lower operational and material costs with multiple materials in one 3D printer.

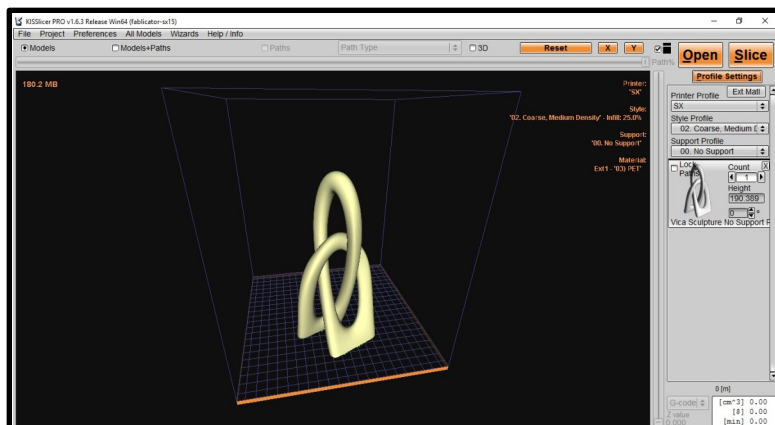
Fablicator Interface



Cura



KISSlicer



Designed and Manufactured in USA



Find Your Authorized
Distributor

FABLICATOR

SX Series Product Features

Technical Specifications

Printing

Printer Type
FFF (Fused Filament Fabrication)

Number of Extruders
Single Extruder

Maximum Build Size
8.5 L x 8.5 W x 9.5in H in
[216 L x 216 W x 241 H mm]

Addition Features
Part Cooling Fan
Filament Out Sensor

Filament Diameter
1.75mm

Usable Materials

ABS
PLA
PLA-PHA
PET
Semiflex TPU
Antistatic ABS
Antistatic PET
Woodfill
HIPS

Nozzle
.35mm
Stainless Steel Core

Workspace Illumination
LED

Size and Weight

Printer Dimensions
With filament
20.5 L x 18 W x 23 H in
[520 L x 457 W x 584 H] mm

Without Filament
16 L x 18 W x 23 H
[406 L x 457 W x 584 H mm]

Shipping Weight
60lb [31kg]

Printer Weight
50lbs [23kg]

Mechanical

Frame
4040 Aluminum Extrusion
12mm linear rails

Build Surface
Chemically strengthened and
textured glass

Calibration
Factory calibrated

Mechanical Precision
0.00035in [10micron] or better

Integrated Computer

Software
Windows 10 or 11 64 bit PRO

SolidWorks, Fusion360, Inventor,
and TinkerCAD capable

Hardware
Intel Pentium G4500
8gb ram
500gb HDD
400W power supply
Dual front USB ports

Printing Software

Slicing
Cura
KISSlicer 64 bit

Interface:
Fabcicator Interface

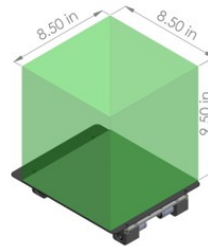
File type
.STL, G-Code

File import
USB, WiFi, Ethernet

Electrical

Power
100-240V
4A max, 1.5A typical

Practical Printable Area



Sized perfectly for the majority of
printing needs

8.5 in L x 8.5in W x 9.5in H

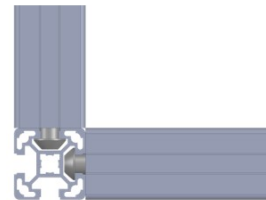
Integrated Windows 10 or 11 64bit PC



Can run SolidWorks, Inventor, Blender,
TinkerCAD, or any other CAD program
directly from the printer.

Interface with the printer directly
using a monitor, keyboard and mouse

Tough and Rigid



Industrial aluminum frame

40mm aluminum extrusions and
12mm linear rails for
reliability and precision.

Textured and heated glass print surface



Parts adhere well while printing
and remove easily

Exceptional flatness, and holds calibration
between prints.

Resists solvents and scratches
Evenly heated

Parts print directly on the surface with
a primer, no tape or rafts needed.

Material Versatility

ABS	PLA
PET	PVA
SemiFlex TPE	PLA-PHA
Anti-Static PET	HIPS

No Proprietary Filament

The variety of available filament if ever
expanding, and we don't want to limit
innovation by only allowing our own
filament to be used.

More than 12 colors of
ABS, PLA, and PET are available
directly from Fabcicator

All metal extruders



No Plastic Parts
No Leaks

Build around a stainless steel core press
fit onto an aluminum heater
block and heat sink

Easy to maintain



**Low maintenance and
user replaceable parts**

Easily replace components should
the unexpected happen

Filament Out Sensor



Pauses your print before filament
runs out.

Never worry about your print being
ruined by filament a spool running
out.

Part Cooling Fan



Provides superior print
results through reduced
warping.

Variable speed which can
be tuned to match filament
requirements.