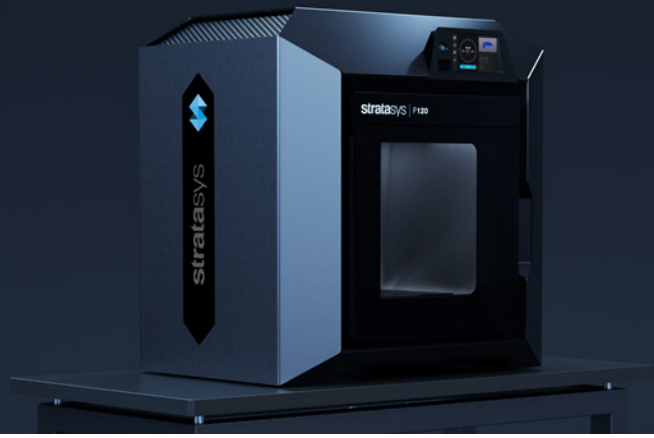


# Stratasys® F120™



## How is the F120™ different?

### Plug and Print

- Easy to use with a top-rated user experience.
- Office-friendly with minimal prep and no special venting or power required.
- Extremely minimal training burden with GrabCAD print. No tinkering involved.
- Optimized and tuned to spend more time designing and less time setting up or reprinting.
- Connected (local/global).

### Reliable, accurate and durable

- Nonstop printing- large material cartridge allows long overnight or weekend runs. No downtime.
- Variable speed control means the fastest printing in its class.
- Be confident print jobs will be error-free. Success on your first print attempt means minimal wasted material.
- Soluble support with engineering materials (ABS and ASA) allows the most complex parts and assemblies in a single build – freeing users from design/manufacturing limitations.
- [Education] Teach students on industry-leading 3D printing technology.

<b>Material Package</b>	Coil in Box
<b>Build Size</b>	10 x 10 x 10 in. (254 x 254 x 254 mm)
<b>Slice Height Options</b>	0.007, 0.010, 0.013 in. (.178, .254, .330 mm)
<b>Accuracy</b>	Parts are produced within an accuracy of +/- .200 mm (.008 in), or +/- .002 mm/mm (.002 in/in), whichever is greater.
<b>System Size and Weight</b>	35 x 35 x 29 in. (889 x 870 x 721 mm), 275 lbs (124kg)
<b>Noise Specification</b>	46 dB maximum during build, 35 dB when idle
<b>Operating Environment</b>	Operating: Temperature: 59 – 86° F (15 – 30° C), Humidity: 30 – 70% RH Storage: Temperature: 32 – 95° F (0 – 35° C), Humidity: 20 – 90% RH
<b>Power Requirements</b>	100 – 132V/15A or 200 – 240V/7A. 50/60 Hz
<b>Certifications</b>	CE, TUV, EMC, Air Quality Report, CB, EAC, RCM and KC

## Common Industries

- Education (secondary and universities)
- Enterprise work group
- Engineering and design agencies

## User Applications

- Concept verification
- Jigs and fixtures
- Education enablement
- Part and design validation

	Other Desktop 3D Printers	F120™
<b>Printing Reliability</b>	Not Consistent	Proven
<b>Ease of Use</b>	Require Frequent User Interaction	Plug and Print
<b>Material Options</b>	Many Options, Material Performance Dependent on User Expertise	Tuned ABS M30™ and ASA QSR™ Support Material
<b>Material Storage</b>	Open to Moisture & Dust <sup>1</sup>	Sealed Package
<b>Solid Parts</b>	Expect Warp & Curl	Precisely Printed
<b>Max Oven Temp<sup>2</sup></b>	Room Temp <sup>1</sup>	85° C
<b>Material Volume</b>	45 – 60 ci	200 ci

<sup>1</sup>Makerbot Method has sealed materials and an oven temp of 55° C.

<sup>2</sup>Higher oven temp capability allows broader array of performance materials to get the most functional parts.



... it was 15 minutes from the time we uncrated the printer to the time we started printing successful parts.”

Vince Anewenter

Director of the Rapid Prototyping Consortium at Milwaukee School of Engineering

More details available upon request in the MSOE case study.

