Precision 3D printing.

Easy as F123.

More reliable, more affordable, more productive rapid prototyping and manufacturing than ever before.

More speed. More productivity.

F123 Series 3D printers give designers, engineers and educators access to affordable, industrial-grade 3D printing. Work faster through concept iterations and component verification. Increase productivity and reach your goals sooner with repeatable results.

Smoother workflow. Quieter workspace.

F123 3D printers are designed for supreme ease of use and a more streamlined workflow, working seamlessly with the design-to-print GrabCAD Print™ software. They provide the reliability and simplicity needed in a 3D printing platform to refine designs. This can be done within the work space, thanks to clean, safety-certified printers that are the quietest on the market.

From the affordable F120™ through the versatile F370, the choices available with F123 Series printers are unmatched. Work with a wide range of materials including elastomer.* Achieve complex geometries and interlocking components with our unique soluble support material. However intricate the part, the soluble support dissolves to leave a pristine finish, requiring no hands-on removal.

Elastomer
Print large, complex elastomer parts with the F170™, F270™ and F370™ printers.

30 years of expertise. 100,000 hours of testing. Only one F123 Series.

For companies and schools new to 3D printing and established users alike, Stratasys F123 3D printers are the game-changing choice, with the highest levels of plug-and-print reliability and repeatable accuracy.

*Not available on the F120.
**Product Specifications**

**System Size and Weight**
- **F120**: 889 x 870 x 721 mm (35 x 35 x 29 in.), 124kg (275 lbs)
- **F170, F270, F370**: 1,626 x 864 x 711 mm (64 x 34 x 28 in.), 227 kg (500 lbs) with consumables

**Noise Specification**
46 dB maximum during build, 35 dB when idle

**Layer Thickness**
- PLA: 0.330mm (0.013 in.)
- ABS: 0.254mm (0.010 in.)
- ASA: 0.178mm (0.007 in.)
- PC-ABS: 0.127mm (0.005 in.)

**Available Material**
- **F120**: ABS-M30™, ASA, QSR™ Support material
- **F170**: PLA™, ABS-M30, ASA, TPU 92A, QSR Support material
- **F270**: PLA™, ABS-M30, ASA, TPU 92A, QSR Support material
- **F370**: PLA™, ABS-M30, ASA, PC-ABS, TPU 92A, QSR Support material

**Build Tray Dimension**
- **F120**: 254 x 254 x 254 mm (10 x 10 x 10 in.)
- **F170**: 254 x 254 x 254 mm (10 x 10 x 10 in.)
- **F270**: 305 x 254 x 305 mm (12 x 10 x 12 in.)
- **F370**: 355 x 254 x 355 mm (14 x 10 x 14 in.)

**Material Bays**
- **F120**: 2 total (external) / 1 model / 1 support
- **F170**: 2 total / 1 model / 1 support
- **F270**: 4 total / 2 model / 2 support
- **F370**: 4 total / 2 model / 2 support

**Software**
- **F120**: GrabCAD Print™
- **F170**: GrabCAD Print
- **F270**: GrabCAD Print
- **F370**: GrabCAD Print

---

**Supports**
- **PLA** does not utilize soluble support material. The supports are made of breakaway PLA.

---

**Accuracy**
Parts are produced within an accuracy of +/- .200 mm (.008 in), or +/- .002 mm/mm (.002 in/in), whichever is greater.

---

**Network Connectivity**
- Wired: TCP/IP protocols at 100 Mbps minimum 100 base T, Ethernet protocol, RJ45 connector
- Wireless-ready: IEEE 802.11n, g, or b; Authentication: WPA2-PSK, 802.1x EAP; Encryption: CCMP, TKIP

**System Requirements**
Windows 7, 8, 8.1 and 10 (64 bit only) with a minimum of 4GB RAM (8 GB or more recommended)

**Operating Environment**
- **Operating**: Temperature: 59 – 86 °F (15 – 30 °C), Humidity: 30 – 70% RH
- **Storage**: Temperature: 32 – 95 °F (0 – 35 °C), Humidity: 20 – 90% RH

**Power Requirements**
100–132V/15A or 200 – 240V/7A, 50/60 Hz

**Regulatory Compliance**
CE (low-voltage and EMC directive), FCC, EAC, cTUVus, FCC, KC, RoHs, WEEE, Reach

---

**Stratasys Services**
Protect Your Investment - Ensure productivity, system uptime and extend performance with our Service Packages.
Contact us: Contract.emea@stratasys.com

**Stratasys Academy**
Stratasys Academy™ enables you to maximize efficiency and get the most out of your investment.
Contact us: Training.emea@stratasys.com

**Blueprint**
Stratasys Minds. Independently Minded. Consulting companies how to best leverage 3D Printing to drive innovation, productivity and cost savings.
Contact us: Hello@additiveblueprint.com

---

ISO 9001:2008 Certified

© 2018, 2019 Stratasys Ltd. All rights reserved. Stratasys, Stratasys signet, Stratasys Academy, Blueprint, ABS-M30, GrabCAD Print, FDM TPU 92A, Diran 410MF07, ABS-ESD7, F120, F170, F270 and F370 are trademarks or registered trademarks of Stratasys Ltd. and/or its subsidiaries or affiliates and may be registered in certain jurisdictions. All other trademarks belong to their respective owners. Product specifications subject to change without notice. 1 Not available on the F120 2 Accuracy is geometry-dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield. Z part accuracy includes an additional tolerance of 0.0005 slice height. 3 PLA does not utilize soluble support material. The supports are made of breakaway PLA.