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**View the full specifications of our F123 Series below or contact us for a recommendation on the right system for you at [Stratasys.com](https://www.stratasys.com)**



**PRODUCT SPECIFICATIONS**

System Size and Weight	<b>F120:</b> 889 x 870 x 721 mm (35 x 35 x 29 in.), 124kg (275 lbs) <b>F170, F270, F370:</b> 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		0.330mm (0.013 in.)	0.254mm (0.010 in.)	0.178mm (0.007 in.)	0.127mm (0.005 in.) <sup>1</sup>
	PLA	○	●	○	○
	ABS	●	●	●	●
	ASA	●	●	●	●
	PC-ABS	●	●	●	●
	ABS-ESD7™	○	●	○	○
	Diran™ 410MF07	●	●	●	○
	FDM™ TPU 92A	○	●	○	○
Accuracy <sup>2</sup>	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	<b>Operating:</b> Temperature: 59 – 86 °F (15 – 30 °C), Humidity: 30 – 70% RH <b>Storage:</b> 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				

	F120	F170	F270	F370
Available material	ABS-M30™, ASA, QSR™ Support material	PLA <sup>3</sup> , ABS-M30, ASA, TPU 92A, QSR Support material	PLA <sup>3</sup> , ABS-M30, ASA, TPU 92A, QSR Support material	PLA <sup>3</sup> , ABS-M30, ASA, PC-ABS, TPU 92A, QSR Support material
Build tray dimension	254 x 254 x 254 mm (10 x 10 x 10 in.)	254 x 254 x 254 mm (10 x 10 x 10 in.)	305 x 254 x 305 mm (12 x 10 x 12 in.)	355 x 254 x 355 mm (14 x 10 x 14 in.)
Material Bays	2 total (external) 1 model / 1 support	2 total 1 model / 1 support	4 total 2 model / 2 support	4 total 2 model / 2 support
Software	GrabCAD Print™	GrabCAD Print	GrabCAD Print	GrabCAD Print Insight™

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<sup>1</sup> Not available on the F120

<sup>2</sup> Accuracy is geometry-dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield. Z part accuracy includes an additional tolerance of -0.000/+slice height.

<sup>3</sup> PLA does not utilize soluble support material. The supports are made of breakaway PLA.