

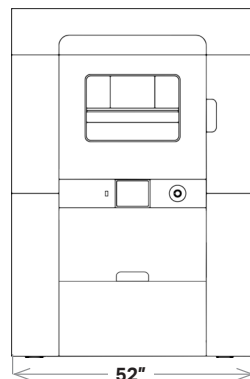
PRODUCT SPECIFICATIONS

# FX20

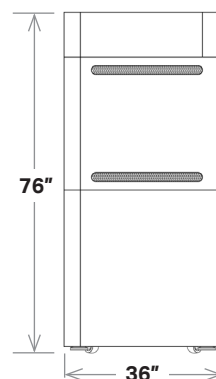
FX20 is the biggest, fastest, smartest printer in the Markforged lineup. Engineered to deliver maximum strength, accuracy, and consistency, FX20 produces mission-critical parts for the most demanding applications, from the factory floor to the skies and beyond. Replace long lead-time metals with high-temperature thermoplastics and continuous fiber reinforced composites—with FX20 and the cloud-connected, continuously learning Digital Forge platform, globally distributed production at the click of a button is now a reality.

<b>Printer Properties</b>	<b>Process</b>	Fused Filament Fabrication, Continuous Fiber Reinforcement
	<b>Build Volume</b>	Single-nozzle builds: 525 x 400 x 400 mm (20.6 x 15.7 x 15.7 in) Multi-nozzle builds: 500 x 400 x 400 mm (19.7 x 15.7 x 15.7 in)
	<b>Weight</b>	530 kg (1170 lbs)
	<b>Machine Footprint</b>	1325 x 900 x 1925 mm (52.2 x 35.5 x 75.75 in)
	<b>Temperature Control</b>	Up to 200°C steady-state
	<b>Print System</b>	Direct-drive print head with three nozzles (two plastic, one fiber)
	<b>Power</b>	200-240 VAC 2W+PE 40A // 200-240 VAC 3Ø+PE 24A // 347-415 VAC 3Ø+N+PE 14A; 50-60 Hz
	<b>Safety</b>	IEC/UL/CSA 62368-1 certified, CE Marked, EU Machinery Directive compliant
	<b>Materials</b>	<b>Plastics</b>
<b>Continuous Fibers</b>		Carbon Fiber, Fiberglass, Aramid Fiber (Kevlar®), High Temperature Carbon Fiber, Carbon Fiber FR
<b>Part Properties</b>	<b>Layer Height</b>	50 µm minimum, 250 µm maximum
	<b>Accuracy</b>	+/- 125 µm or +/- 0.0015 mm per mm (whichever is greater)
<b>Software</b>	<b>Eiger</b>	Secure digital library, powerful slicer, and printer management (premium options available at cost)
	<b>Security</b>	Two-factor authentication, org admin access, single sign-on, MFP print files encrypted by default and tamper resistant
	<b>Connectivity</b>	Eiger connection and over-the-air updates via Ethernet

FRONT VIEW



SIDE VIEW



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