

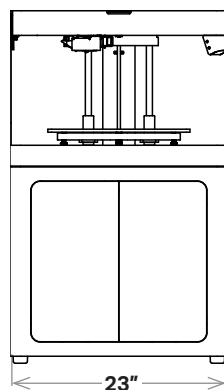
PRODUCT SPECIFICATIONS

Markforged X5

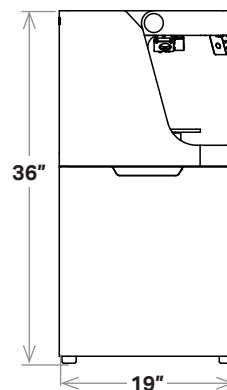
The X5 leverages fiberglass reinforced thermoplastic to create parts 10x as strong as standard printing plastics. Easily upgradable to the X7, the X5 is a laser assisted, durably built large format machine designed to reliably produce high strength parts in any environment at an affordable price point.

Printer Properties	Process	Fused Filament Fabrication, Continuous Filament Fabrication
	Build Volume	330 x 270 x 200 mm (13 x 10.6 x 7.9 in)
	Weight	48 kg (106 lbs)
	Machine Footprint	584 x 483 x 914 mm (23 x 19 x 36 in)
	Print Bed	Kinematic coupling - Flat to within 80 µm
	Laser	Bed Leveling, Active Print Calibration
	Power	100-240 VAC, 150 W (2 A peak)
	X7 Upgrade Capabilities	Laser In Process Inspection, Carbon Fiber, HSHT, and Kevlar®
Part Properties	Layer Height	100 µm default, 50 µm minimum
	Ultimate Tensile Strength	590 MPa (19.0x ABS, 16.4x Onyx)
	Max Flexural Stiffness	22 GPa (10.7x ABS, 7.6x Onyx)
	Infill	Closed Cell Infill: Multiple geometries available
Software	Supplied Software	Markforged Software - Cloud Storage, Local Storage, or Fully On-Premise (\$5,000 added fee)
	Security	Two-Factor Authentication, Org Admin Access, Single Sign-On
Materials	Plastics Available	Onyx
	Fibers Available	Fiberglass

FRONT VIEW



SIDE VIEW



Note: All specifications are approximate and subject to change without notice