⬢ **Markforged**
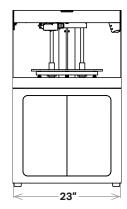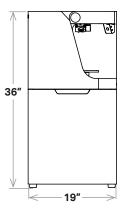
Markforged X5

The X5 utilizes fiberglass-reinforced thermoplastic to create parts 10x as strong as standard printing plastics. Our laser-assisted, durably built large format machine reliably produces high-strength parts at an affordable price point in any environment.

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
	Extrusion System	Second-generation extruder, out-of-plastic and out-of-fiber detection
	Power	100–240 VAC, 150 W (2 A peak)
Materials	**Plastics Available**	Onyx, Onyx FR
	Fibers Available	Fiberglass
	Tensile Strength	590 MPa (19.0x ABS, 16.4x Onyx) *
	Flex Modulus	22 GPa (10.7x ABS, 6.1x Onyx) *
Part Properties	**Layer Height**	100 μm default, 50 μm minimum, 200 μm maximum
	Infill	Closed cell infill: multiple geometries available
Software	**Supplied Software**	Eiger Cloud (Other options available at cost)
	Security	Two-factor authentication, org admin access, single sign-on

FRONT VIEW

23"

SIDE VIEW

36"

19"

* Continuous fiberglass data. **Note:** All specifications are approximate and subject to change without notice.