

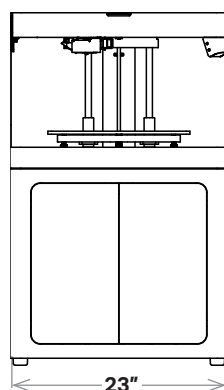
PRODUCT SPECIFICATIONS

# Markforged X5

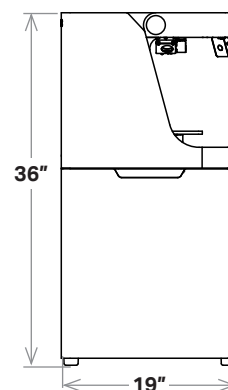
The X5 utilizes fiberglass-reinforced thermoplastic to create parts 10x as strong as standard printing plastics. Our laser-assisted, durably built large format machine reliably produces high-strength parts at an affordable price point in any environment.

<b>Printer Properties</b>	<b>Process</b>	Fused filament fabrication, Continuous Filament Fabrication
	<b>Build Volume</b>	330 x 270 x 200 mm (13 x 10.6 x 7.9 in)
	<b>Weight</b>	48 kg (106 lbs)
	<b>Machine Footprint</b>	584 x 483 x 914 mm (23 x 19 x 36 in)
	<b>Print Bed</b>	Kinematic coupling — flat to within 80 µm
	<b>Laser</b>	Bed leveling, active print calibration
	<b>Extrusion System</b>	Second-generation extruder, out-of-plastic and out-of-fiber detection
	<b>Power</b>	100–240 VAC, 150 W (2 A peak)
	<b>Materials</b>	<b>Plastics Available</b>
<b>Fibers Available</b>		Fiberglass
<b>Tensile Strength</b>		590 MPa (19.0x ABS, 16.4x Onyx) *
<b>Flex Modulus</b>		22 GPa (10.7x ABS, 6.1x Onyx) *
<b>Part Properties</b>	<b>Layer Height</b>	100 µm default, 50 µm minimum, 200 µm maximum
	<b>Infill</b>	Closed cell infill: multiple geometries available
<b>Software</b>	<b>Supplied Software</b>	Eiger Cloud (Other options available at cost)
	<b>Security</b>	Two-factor authentication, org admin access, single sign-on

**FRONT VIEW**



**SIDE VIEW**



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