

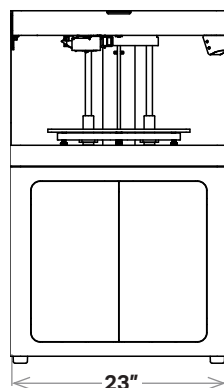
PRODUCT SPECIFICATIONS

# Markforged X7

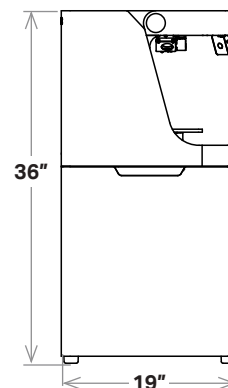
The X7 prints industrial-grade manufacturing jigs, jaws, tools, fixtures, and end-use parts. Designed from the ground up to survive the production floor environment and capable of printing parts stronger than machined aluminum for a fraction of the cost, the X7 delivers unparalleled surface finish, build size, and reliability. Accelerate part production with Turbo Print, our fastest print mode — only available on the X7.

<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>	In-process inspection, active print calibration, bed leveling
	<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>	Onyx, Onyx FR, Nylon White
	<b>Fibers Available</b>	Carbon fiber, fiberglass, Kevlar®, HST fiberglass
	<b>Tensile Strength</b>	800 MPa (25.8x ABS, 22.2x Onyx) *
	<b>Flex Modulus</b>	51 GPa (24.8x ABS, 14.2x Onyx) *
<b>Part Properties</b>	<b>Layer Height</b>	100 µm default, 50 µm minimum, 250 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 carbon fiber data. **Note:** All specifications are approximate and subject to change without notice.