

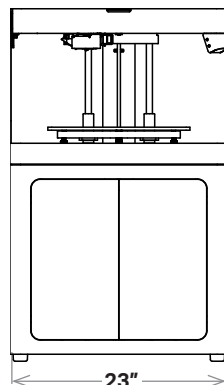
PRODUCT SPECIFICATIONS

# X7 (Gen 2)

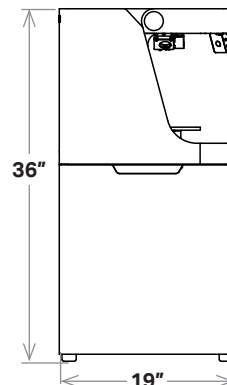
The X7 prints industrial-grade manufacturing jigs, jaws, tools, fixtures, and end-use parts. Designed from the ground up to survive the production floor environment and capable of printing parts stronger than machined aluminum for a fraction of the cost, the X7 delivers unparalleled surface finish, build size, and reliability. Accelerate part production with Turbo Print, our fastest print mode, and verify dimensional accuracy with Blacksmith adaptive manufacturing technology — 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>RF Module</b>	Operating Band 2.4 GHz Wi-Fi Standards 802.11 b/g/n
	<b>Materials</b>	<b>Plastics Available</b>
<b>Fibers Available</b>		Carbon fiber, fiberglass, Kevlar®, HSHF fiberglass
<b>Tensile Strength</b>		800 MPa (25.8x ABS, 2.6x 6061-T6 Aluminum) *
<b>Tensile Modulus</b>		60 GPa (26.9x ABS, 0.87x 6061-T6 Aluminum) *
<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>Eiger Cloud</b>	Slicer, part / build management (other options available at cost)
	<b>Security</b>	Two-factor authentication, org admin access, single sign-on
	<b>Blacksmith</b>	Adaptive manufacturing platform (additional purchase required)

**FRONT VIEW**



**SIDE VIEW**



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