

PRINTER SPECIFICATIONS

MARKFORGED X7

The X7 prints industrial grade manufacturing jigs, jaws, tools and fixtures. 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.

PRINTER PROPERTIES	Process	Continuous Fiber Reinforced Plastics
	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	Flat to within 80 um - Kinematic coupling
	Laser	In Process Inspection, Active Print Calibration, Bed Leveling
	Power	100-240VAC, 150W (2A peak)
PART PROPERTIES	Layer Height	100um default, 50um minimum
	Ultimate Tensile Strength	700 MPa (22.6x ABS, 19.4x Onyx)
	Max Flexural Stiffness	51 GPa (24.8x ABS, 17.6x Onyx)
	Infill	Closed Cell Infill: Multiple geometries available
SOFTWARE	Supplied Software	Markforged Eiger - Cloud Storage, Local Storage, or Fully On-Premise (\$5,000 added fee)
	Security	Two Factor Auth, Org Admin Access, Single Sign On
MATERIALS	Plastics Available	Onyx, Tough Nylon
	Fibers Available	Carbon Fiber, Fiberglass, Kevlar, High Strength/High Temp Fiberglass
MACHINE COST	\$ 69,000 SRP	

