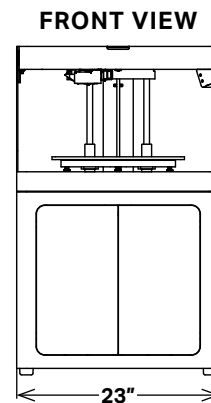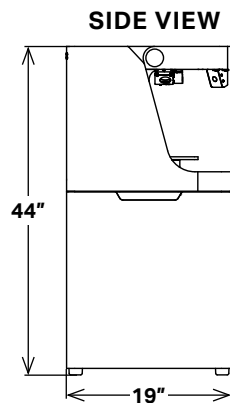PRINTER SPECIFICATIONS
MARKFORGED X3

The Mark X3 prints strictly engineering grade plastic parts. It leverages the incredible material qualities of Onyx - twice the strength and stiffness as standard printing plastics - with an advanced sensor suite to deliver unparalleled reliability. Parts meet tight tolerances with beautiful surface finish and are perfect for production line equipment.

PRINTER PROPERTIES	**Process**	Continuous Fiber Reinforced Plastics
	Build Volume	330 x 270 x 200 mm (13 x 10.6 x 7.9 in)
	Weight	46 kg (102 lbs)
	Machine Footprint	584 x 483 x 914 mm (23 x 19 x 36 in)
	Print Bed	Kinematic coupling - Flat to within 80 um
	Laser	Bed Leveling, Active Print Calibration
	Power	100-240VAC, 150W (2A peak)
	X5 Upgrade Capabilities	Fiberglass
	X7 Upgrade Capabilities	Laser In Process Inspection, Carbon Fiber, HSHT, and Kevlar
PART PROPERTIES	**Layer Height**	100um default, 50 um minimum
	Material Properties	UTS: 36 MPa (1.2x ABS); Flex Stiffness: 2.9 GPa (1.4x ABS)
	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
	Fiber Available	None
MACHINE COST		$36,990 SRP

SIDE VIEW

44″
19″

FRONT VIEW

23″

All specifications approximate and subject to change without notice.