THE MARK X

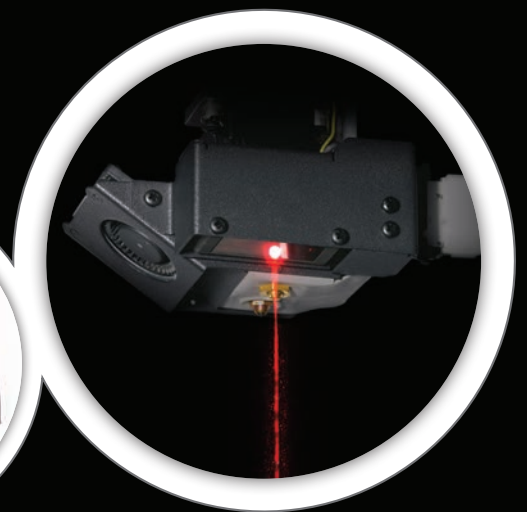## Uncompromised Strength, Precision, and Beauty

Markforged 3D printers are designed to reinforce parts with continuous fiber for unmatched strength.

Large Scale Reinforced 3D Printing

The Mark X builds off the portfolio of Markforged high-strength materials, with access to our plastics, Tough Nylon and Onyx, as well as all of our continuous fibers, including carbon fiber, fiberglass, Kevlar, and high-strength, high-temperature fiberglass. Print anything from prototypes to production parts:

• Prosthetic devices and assistive technologies

• Robotics applications

• Jigs, fixtures, and industrial tooling

• High-strength, precision end use parts

In-Process Inspection for Quality and Precision

The Mark X gives you breakthrough precision in 3D printing. Scan your parts mid-print using our cloud-based Eiger software and a laser displacement 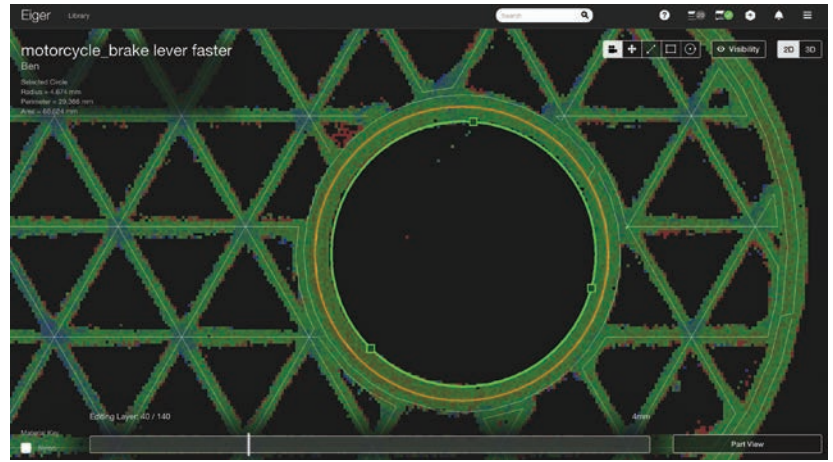sensor affixed to the print head. Ensure dimensional accuracy at the most critical tolerances at any point in your print.

High Resolution for Beautiful Parts

With increased stability from a rigid frame, smooth, silent stepper motors, and more, the Mark X has improved repeatability over the entire printing envelope and can go all the way down to 50 micron resolution for highly detailed prints.

Industrial Printing Fit For Any Workspace

Despite its large build volume, the footprint of the Mark X is relatively small, and the printer's robust frame and included cabinet suits it well for both the office and the shop.

Specifications

PRINTING	
Printing Technology	Fused Filament Fabrication (FFF) Continuous Filament Fabrication (CFF)
Build Size (X, Y, Z)	330mm X 250mm X 200mm
Material Compatibility	Plastics: Tough Nylon, Onyx, Carbon Fiber, Kevlar®, Fiberglass, High-Strength, High-Temperature Fiberglass
Highest Layer Resolution	50 Microns
Extruders / Nozzles	Dual / Quick Change
Pause / Resume Prints	Yes

MECHANICAL	
Chassis	Anodized Aluminum Unibody
Footprint [X,Y,Z]	575mm X 467mm X 930mm
Build Platform	Kinematically Coupled
Draft Blocking Enclosure	Yes
Interface	4˝ Touchscreen

SOFTWARE	
Software	Cloud Based[1]
Supported OS	Mac OS 10.7 Lion +, Win 7+, Linux[2]
Supported Browser	Chrome 30+
Supported Files	.STL
Printer Connectivity	WiFi, Ethernet, USB Flash Drive

ALL FEATURES SUBJECT TO CHANGE WITHOUT NOTICE.

[1]Contact us regarding our premised-based software option.

[2]Limited support.