



TecSol3D

# 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



 Markforged



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# In-Process Inspection for Quality and Precision

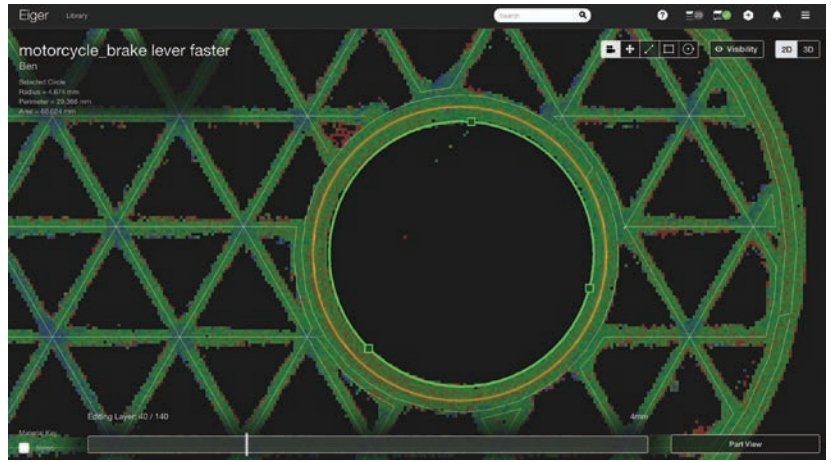
The Mark X gives you breakthrough precision in 3D printing. Scan your parts mid-print using our cloud-based Eiger software and a laser displacement sensor affixed to the print head. Ensure dimensional accuracy at the most critical tolerances at any point in your print.

## 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 <sup>1</sup>
Supported OS	Mac OS 10.7 Lion +, Win 7+, Linux <sup>2</sup>
Supported Browser	Chrome 30+
Supported Files	.STL
Printer Connectivity	WiFi, Ethernet, USB Flash Drive

ALL FEATURES SUBJECT TO CHANGE WITHOUT NOTICE.

<sup>1</sup>Contact us regarding our premised-based software option.

<sup>2</sup>Limited support.

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