

# Onyx Series 3D Printers

The Onyx 3D Printer Series from Markforged is the most accessible desktop 3D printer family on the market, uniquely designed to print beautiful carbon black parts.

## Integrated System

No other 3D printer on the market is designed from the ground up — hardware, software, and materials — to uniquely create chopped carbon fiber parts — a revolutionary material with beautiful surface finish, stiffness, and temperature tolerance.



 Markforged



TecSol3D

**Tecnologías Y Soluciones  
Tridimensionales S.A. de C.V.**

[www.tecsol3d.com](http://www.tecsol3d.com)  
[informacion@tecsol3d.com](mailto:informacion@tecsol3d.com)  
(81) 8332 2125

Start with the Onyx One to create parts for a wide variety of applications using our acclaimed Onyx chopped carbon fiber filament.

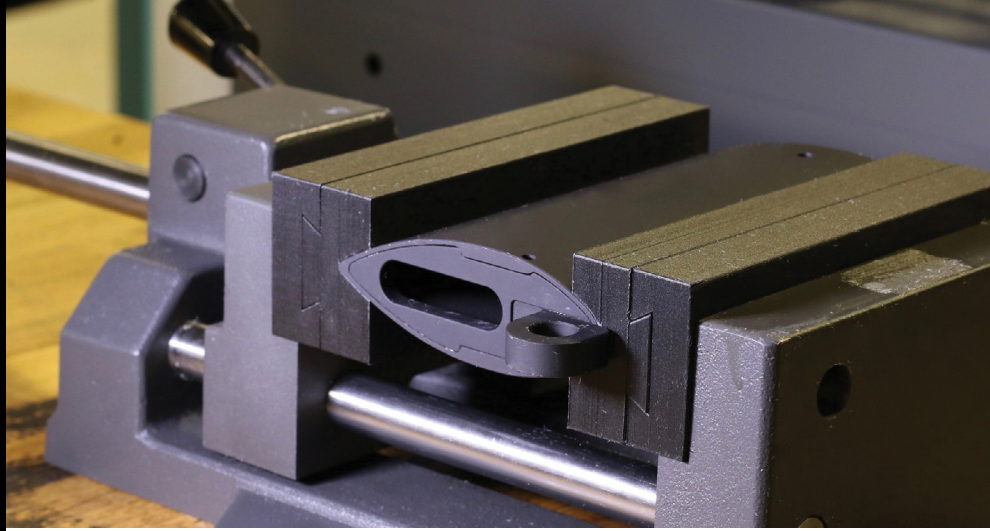
Step up to the Onyx Pro for the impressive strength Markforged is known for by adding continuous fiberglass for strong composite parts.

### Designed for Easy Upgrades

Onyx Series printers are dependable and robust, built to handle tough requirements of engineers and heavy-use environments. Easily upgrade the Onyx One to the Onyx Pro when you are ready for a significant boost in strength.



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## Specifications

PRINTING	
Printing Technology	Fused Filament Fabrication (FFF) Continuous Filament Fabrication (CFF)
Build Size (X, Y, Z)	320mm x 132mm x 154mm
Material Compatibility	Onyx One: Onyx Onyx Pro: Onyx and Continuous Fiberglass
Highest Layer Resolution	100 Microns (FFF)
Extruders/Nozzles	Dual/Quick Change
Pause/ Resume Prints	Yes

MECHANICAL	
Chassis	Anodized Aluminum Unibody
Build Platform	Kinematically Coupled
Draft Blocking Enclosure	Yes
Interface	4" Touchscreen

SOFTWARE	
Software	Cloud Based
Supported OS	Mac OS 10.7 Lion +, Win 7+, Linux <sup>1</sup>
Supported Browser	Chrome 30+
Supported Files	.STL
Connectivity	WiFi, Ethernet, USB Flash Drive

ALL FEATURES SUBJECT TO CHANGE WITHC  
<sup>1</sup>Limited support.

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