

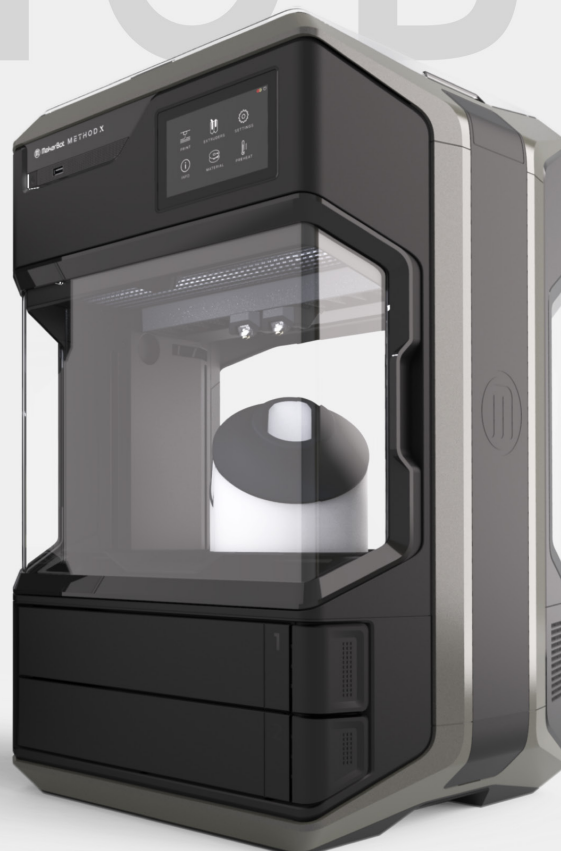
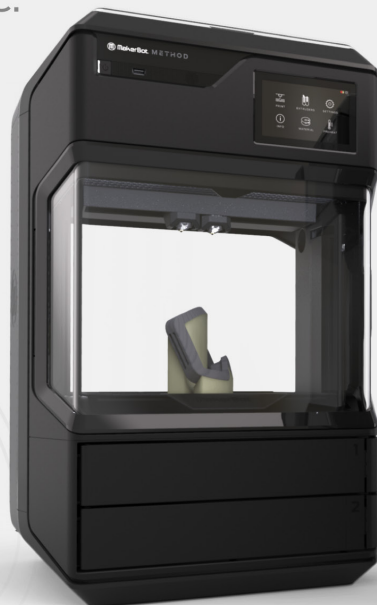


METHOD

A Manufacturing Workstation.

Print Real ABS at 100°C.

Powered by **stratasys**



starting at

\$4,999

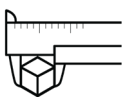
METHOD

METHOD X **NEW**



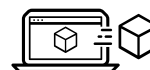
PRINT REAL, PRODUCTION-GRADE ABS WITH A 100°C CHAMBER. POWERED BY STRATASYS®.

- › Capable of withstanding 15°C higher temperatures than modified desktop 3D printer ABS material formulations
- › Powered by Stratasys® SR-30 soluble support material
- › Superior Z-layer bonding provides higher strength and better surface finish without warping and curling



MANUFACTURING-READY MATERIALS INCLUDING REAL ABS, PETG, TOUGH, AND MORE.

- › Finished part dimensional accuracy of $\pm 0.2\text{mm}$ ($\pm 0.007\text{in}$)¹
- › Get unrestricted geometric freedom with the METHOD dual extrusion system
- › Print complex assemblies with exact tolerances



AN AUTOMATED, TINKER-FREE INDUSTRIAL PRINTING SYSTEM.

- › 2x times faster printing than leading desktop 3D printers.²
- › 300,000+ total testing hours on 150+ printers (includes full system and sub system testing).³
- › Seamless CAD to Part workflow with

F AUTODESK®
FUSION 360

I AUTODESK®
INVENTOR

S SOLIDWORKS

METHOD APPLICATIONS



END-USE PARTS

Get dimensionally accurate, production-grade, real ABS end-use parts at a fraction of traditional manufacturing costs. METHOD reduces costs and saves time for small production manufacturing runs.



MANUFACTURING TOOLS

Create durable, real ABS parts for the production floor. Print dimensionally accurate jigs, fixtures, and end-effectors that fit seamlessly with existing components.



FUNCTIONAL PROTOTYPES

Prototype with production-grade ABS to achieve part properties close to injection molded parts. Print dimensionally accurate assemblies and validate your designs to get your products to market faster—all at a fraction of industrial 3D printing costs.

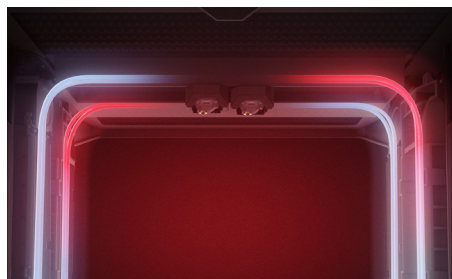
FEATURES



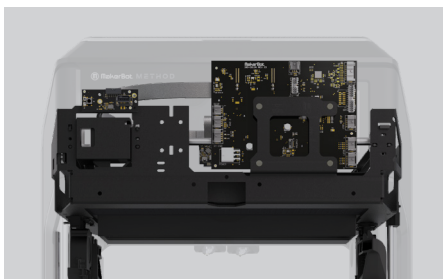
DUAL PERFORMANCE EXTRUDERS



DRY-SEALED MATERIAL BAYS



100°C CIRCULATING HEATED BUILD CHAMBER⁴



CONNECTIVITY AND 21 ON-BOARD SENSORS

¹ $\pm 0.2\text{mm}$ or $\pm 0.002\text{ mm per mm of travel}$ – whichever is greater. Based on internal testing of selected geometries.

² Compared to popular desktop 3D printers when using the same layer height and infill density settings. Speed advantage dependent upon object geometry and material.

³ Combined total test hours of METHOD and METHOD X (full system and subsystem testing) expected to be completed around shipping of METHOD X.

⁴ Available only on METHOD X

⁵ Based on internal testing of injection-molded specimens of MakerBot ABS compared to ABS from a leading desktop 3D printer competitor. Tensile testing was performed according to ASTM D638 and HDT testing according to ASTM D648.

SPECS

DIMENSIONAL ACCURACY

$\pm 0.2\text{mm}$ / $\pm 0.007\text{in}$ ¹

LAYER RESOLUTION

Maximum Capability: 20 - 400 micron

MAXIMUM BUILD VOLUME

Single Extrusion

19 L x 19 W x 19.6 H cm / 7.5 x 7.5 x 7.75 in

Dual Extrusion

15.2 L x 19 W x 19.6 H cm / 6.0 x 7.5 x 7.75 in

EXTRUDERS

Dual Performance Extruders
(Model & Support)

MAKERBOT MATERIALS FOR METHOD

ABS⁴, Stratasys® SR-30⁴, PLA, TOUGH, PVA, PETG + more to come

MAKERBOT ABS

PRECISION MODEL MATERIAL

TENSILE STRENGTH

43 MPa (12% higher than desktop 3D printer ABS)⁵

TENSILE MODULUS

2400 MPa (26% higher than desktop 3D printer ABS)⁵

HEAT DEFLECTION TEMPERATURE (HDT B – 0.45 MPA)

84°C (15°C higher than desktop 3D printer ABS)⁵

POWER REQUIREMENTS

METHOD

100 - 240 V
3.9A - 1.6A, 50 / 60 Hz
400 W max.

METHOD X

100 - 240 V
8.1A - 3.4A, 50 / 60 Hz
800 W max.

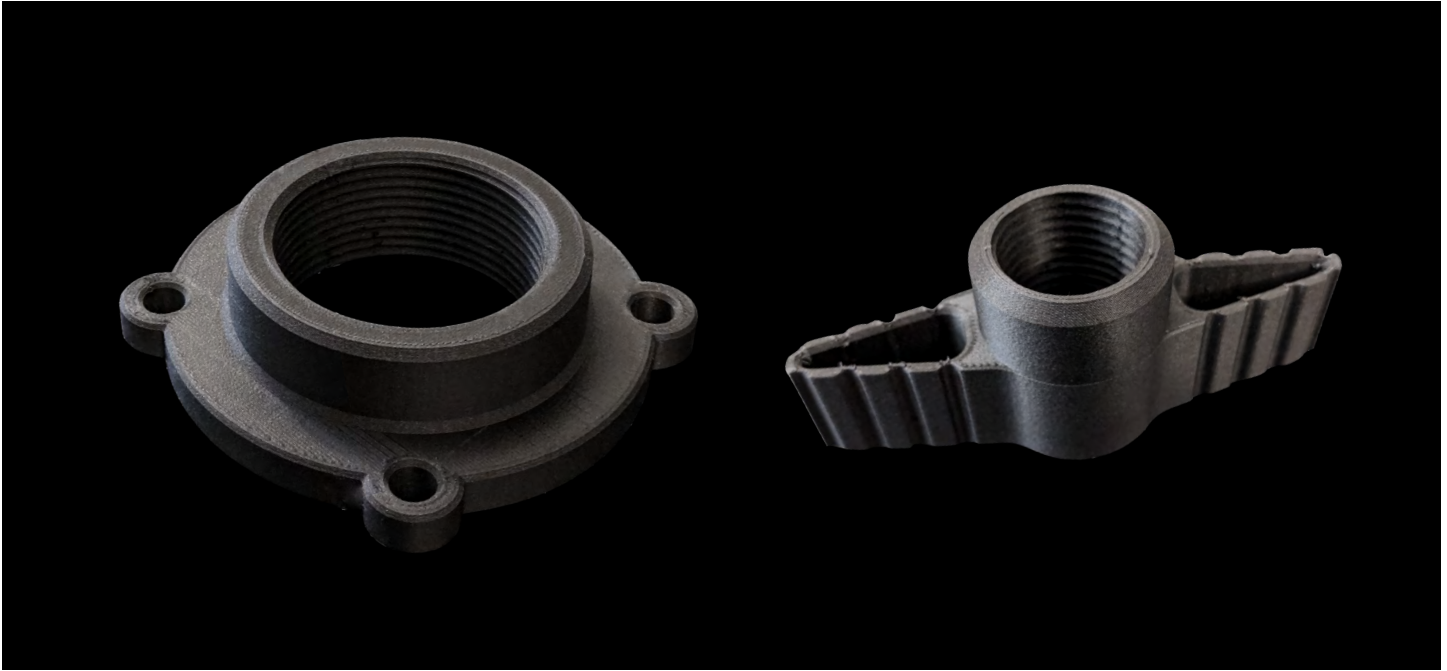


METHOD

CARBON FIBER EDITION

Replace metal parts with 3D printed Carbon Fiber on METHOD

Print carbon fiber reinforced nylon and other engineering-grade composite parts with three-dimensional strength and accuracy like never before on METHOD's unique industrial desktop platform.



STRONG, HEAT-RESISTANT METAL REPLACEMENT PARTS

Carbon fiber reinforced nylon is optimized for high strength, stiffness, and heat resistance making it ideal for structural applications and metal replacements.

- Excellent strength to weight ratio - 110 MPa TS - for lightweighting applications such as robotic end effectors
- Engineering-grade stiffness - 7600 MPa Tensile Modulus - for structural applications such as vehicular brackets and inspection gauges
- High heat resistance under load - 184°C HDT - for optimal under-hood and tooling applications

SUPERIOR NYLON CARBON FIBER PARTS WITH METHOD

METHOD's unique industrial feature set produces carbon fiber parts with superior three-dimensional strength and accuracy.

- METHOD's Heated Chamber delivers parts that are strong and accurate.
- Outstanding surface finish that hides layer lines thanks to METHOD's Ultra-Rigid Metal Frame.
- Print the most complex geometries including internal cavities with soluble support, or use breakaway support for faster print times.
- METHOD's sealed filament bays help keep the material dry, resulting in better print quality and reliability, and METHOD's pre-print spool drying feature allows for the recovery of oversaturated filament.

FEATURES

- Circulating Heated Chamber
- Includes MakerBot Composite and Support Performance Extruders
- Dry-Sealed Material Bays
- Pre-Print Material Drying
- Post-Wash Part Annealing
- Ultra-Rigid Metal Frame
- MakerBot Cloud Connected

SPECS

HEATED CHAMBER TEMPERATURE
METHOD 60°C | METHOD X 110°C

DIMENSIONAL ACCURACY
± 0.2mm / ±0.007in 1

LAYER RESOLUTION
Maximum Capability: 20 - 400 micron

BUILD VOLUME
Single Extrusion
19 L x 19 W x 19.6 H cm / 7.5 x 7.5 x 7.75 in
Dual Extrusion
15.2 L x 19 W x 19.6 H cm / 6.0 x 7.5 x 7.75 in

POWER REQUIREMENTS	
METHOD	METHOD X
100 - 240 V	100 - 240 V
3.9A - 1.6A, 50/60 Hz	8.1A - 3.4A, 50/60 Hz
400 W max.	800 W max.