The MakerBot Replicator+

Reengineered and Rigorously Tested

The Replicator+ combines unparalleled performance with superior results and lasting reliability. The Replicator+ prints high-quality concept models easier, 30% faster, and with a 25% bigger build volume than its predecessor. To ensure consistent performance, our new 3D printers and their subsystems were re-engineered and rigorously tested for over 380,000 hours across multiple facilities.

THE ALL-NEW MAKERBOT REPLICATOR+

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MakerBot Replicator+ SKU: MP07825

PRINT TECHNOLOGY
Fused Deposition Modeling

BUILD VOLUME
11.6 L x 7.6 W x 6.5 H in
[29.5 L x 19.5 W x 16.5 H cm]
573 in3 [9492 cm3]

MIN | MAX LAYER RESOLUTION
100 Microns | 400 Microns

MINIMUM FEATURE SIZE
0.0315 in [0.8 mm]

FILAMENT COMPATIBILITY
Lg Spool Of MakerBot PLA Filament
Lg Spool Of MakerBot Tough PLA Filament
2.0 lb [0.9 kg]

NOZZLE DIAMETER
0.015 in [0.4 mm]

OPERATING SOUND LEVEL
58.7 dBA RMS

AMBIENT OPERATING TEMPERATURE
60-78ºF [15-26ºC]

STORAGE TEMPERATURE
32-100ºF [0-38ºC]

PRODUCT DIMENSIONS & WEIGHT
20.8 L X 17.4 W X 16.2 H in
[52.8 L X 44.1 W X 41.0 H cm]
40.4 lb [18.3 kg]

SOFTWARE BUNDLE
Makerbot Print, Makerbot Mobile

SUPPORTED OS & FILE TYPES
Mac Os X 10.9+ (.makerbot) (.stl)
Windows 7, 10 (.makerbot)(.stl)(.ipt, .iam)
(.sldprt, .sldasm)(.iges, .igs)(.step, .stp)
(.catpart, .catproduct)(.obj) (.prt)
(.par, .asm)(.prt, .prt., .asm, .asm.)(.wrl)
(.x_t, .x_b)

POWER REQUIREMENTS
100-240 V, 50/60 Hz, 0.75-0.45 A

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New MakerBot Print Software Streamlines and Optimizes Printing

With MakerBot's powerful workflow tools, the Replicator+ streamlines desktop 3D printing for professionals and educators. MakerBot Print allows you to import native CAD files, like assemblies and parts, remotely manage all connected printers over the Cloud, and optimize prints for speed and quality.

Engineered and extensively tested to print faster, easier, and more reliably with a bigger build volume

· Approximately 30% faster print time than the MakerBot Replicator Desktop 3D Printer (5th Generation)
· Print up to 11.6" by 7.6" by 6.5" — 25% larger than the MakerBot Replicator, for printing a bigger model or more prints at one time
· Extensive printer and subsystem testing of 380,000+ hours across multiple facilities over the course of development ensures reliable, high-quality performance
· For improved reliability and precision the gantry and Z-stage are redesigned with stiffer materials and a sturdier construction
· Better print adhesion and easier removal using the Flex Build Plate with Grip Surface. Prints adhere better to new Grip Surface resulting in reduced warping and curling. No blue tape required
· Factory-leveled so the printer doesn't need to be leveled out of the box.
· On-board LCD screen supports 8 languages: English, Spanish, Italian, French, German, Japanese, Korean, Chinese
· Compatible with Tough PLA Filament Bundle. Created so engineers and designers can print durable, high-impact strength prototypes and fixtures
· 28% Quieter printing allows for a more focused environment

Standardized features for an easy and accessible 3D printing experience

· The swappable MakerBot Smart Extruder+ is designed and tested to provide better performance over a longer period of time
· On-board camera for remote monitoring with 640x480 resolution Full-color LCD display for easy interaction and configuration of your printer
· Connect to the MakerBot Replicator+ using Wi-Fi, USB stick, USB cable or Ethernet
· If you do need to level, the convenient assisted leveling streamlines maintenance
· MakerBot MakerCare Preferred provides an even higher level of service and support from the people who know your product best. MakerCare basic is also available

* This number includes testing of the MakerBot Replicator+, MakerBot Replicator Mini+, Smart Extruder+, and other subsystems.