

# MAKERBOT® REPLICATOR®

DESKTOP 3D PRINTER

Fifth generation ease of use, quality,  
and connectivity for all your 3D printing needs



[MAKERBOT.COM/REPLICATOR](http://MAKERBOT.COM/REPLICATOR)

# MAKERBOT<sup>®</sup> REPLICATOR<sup>®</sup>

DESKTOP 3D PRINTER

## THE EASIEST AND MOST VERSATILE WAY TO GET FROM 3D MODEL TO 3D PRINT

- Fifth generation technology defines the new standard for ease of use, quality, and reliability
- Powered by the new, user-friendly MakerBot Replicator 3D Printing Platform
- App and cloud enabled
- USB and Ethernet connectivity ensures a seamless production workflow (Wi-Fi coming soon)
- New MakerBot Replicator Smart Extruder, motion controllers, and gantry design
- On-board camera and diagnostics, and assisted build plate leveling

## LARGE BUILD VOLUME ACCELERATES RAPID PROTOTYPING AND MODEL MAKING

- 11% larger build volume than the MakerBot Replicator 2 Desktop 3D Printer
- Makes true-to-life objects quickly and easily
- Enables you to manufacture on demand
- Optimized for MakerBot PLA Filament

## 100-MICRON LAYER RESOLUTION

- Each 100-micron layer is about as thin as a sheet of paper
- Create professional-quality, high-resolution prototypes and complex models
- Get smooth-to-the-touch surfaces that don't need sanding, finishing, or postproduction
- Create realistic prototypes and models for demonstrations and presentations
- Choose settings that range from fast draft to finer resolution

## SPECIFICATIONS

### PRINTING

PRINT TECHNOLOGY  
Fused Deposition Modeling

BUILD VOLUME  
25.2 W x 19.9 D x 15.0 H cm  
[9.9 W x 7.8 D x 5.9 H in]

7,522 cubic centimeters  
[456 cubic inches]

LAYER RESOLUTION  
100 microns [0.0039 in]

FILAMENT DIAMETER  
1.75 mm [0.069 in]

FILAMENT COMPATIBILITY  
MakerBot PLA Filament

BUILD PLATE  
Glass

### SIZE & WEIGHT

PRODUCT DIMENSIONS  
52.8 W x 44.1 D x 41.0 H cm  
[20.8 W x 17.4 D x 16.2 H in]

PRODUCT WEIGHT  
16 kg [35.5 lbs]

### ELECTRICAL

POWER REQUIREMENTS  
100–240V, 50–60Hz, 0.76–0.43A, 100W

### SOFTWARE

FILE TYPES  
STL | OBJ | THING | MAKERBOT

OPERATING SYSTEMS  
Windows (7+)  
Mac OS X (10.7+)  
Linux (Ubuntu, Fedora)

CONNECTIVITY  
USB and Ethernet  
Wi-Fi [Coming soon]

### CAMERA

CAMERA RESOLUTION  
320 x 240

