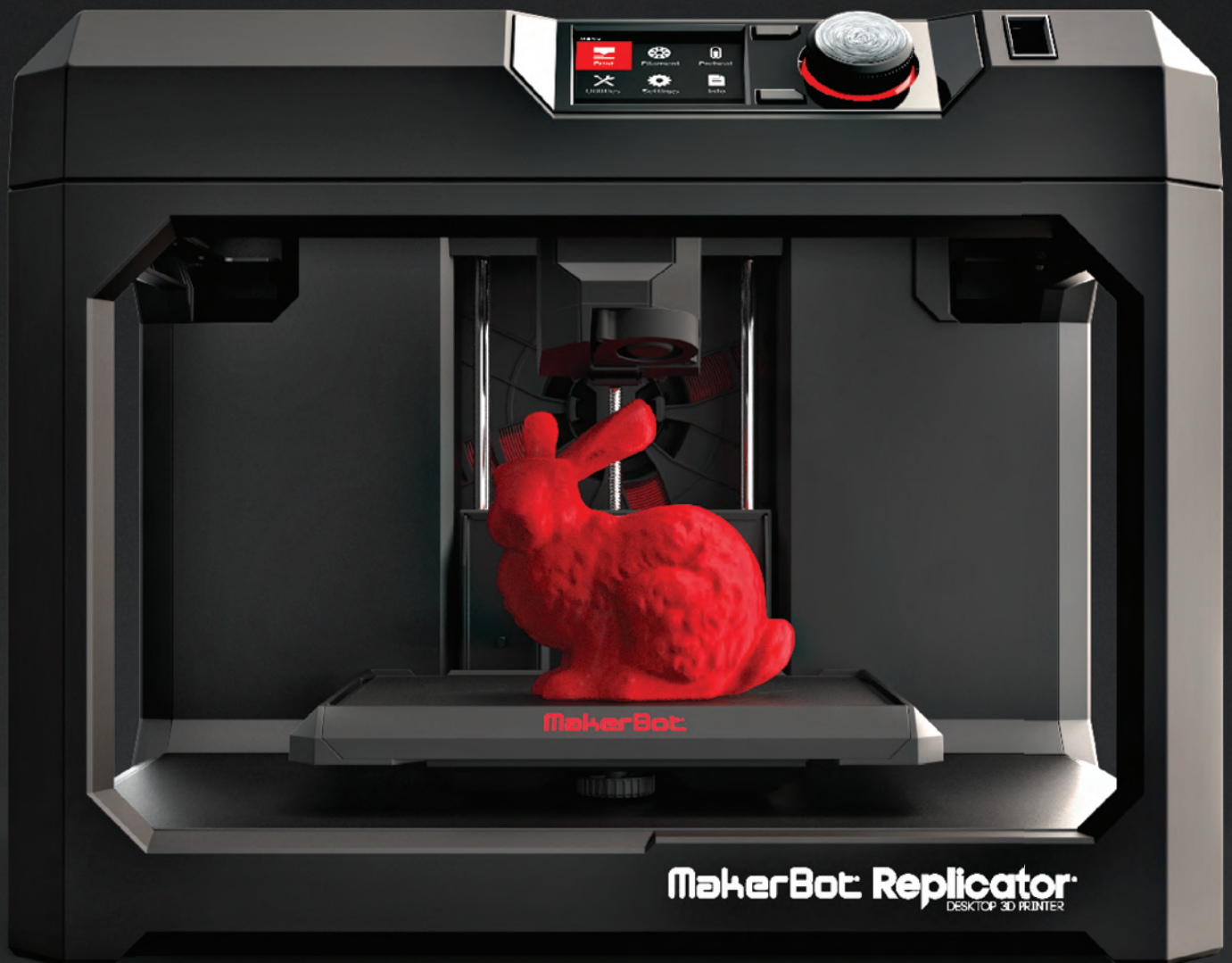# MAKERBOT®
REPLICATOR®
DESKTOP 3D PRINTER | FIFTH GENERATION

Unmatched speed, reliability, quality,
and connectivity for all your 3D printing needs.

MAKERBOT®
REPLICATOR®

DESKTOP 3D PRINTER | FIFTH GENERATION

EASY-TO-USE, RELIABLE DESKTOP 3D PRINTING

· 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, Ethernet, or Wi-Fi 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

11% LARGER BUILD VOLUME AND FASTER PRINT TIMES ACCELERATE RAPID PROTOTYPING AND MODEL MAKING

· Build volume of 8 x 10 x 6 inches (456 cubic inches). 11% larger than the MakerBot Replicator 2 Desktop 3D Printer

· Makes true-to-life objects quickly and easily

· Enables you to manufacture on demand

100-MICRON LAYER RESOLUTION

· 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

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SPECIFICATIONS

PRINTING

PRINT TECHNOLOGY
Fused Deposition Modeling

BUILD VOLUME
25.2 L x 19.9 W x 15.0 H cm
[9.9 L x 7.8 W 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 PLATFORM
Glass

DIMENSIONS & WEIGHTS

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

PRODUCT WEIGHT
~35 lbs / ~16 kg

ELECTRICAL

POWER REQUIREMENTS
100-240V, 50-60Hz, ~1.75A max, 150W

SOFTWARE

FILE TYPES
STL, OBJ, THING, MAKERBOT

OPERATING SYSTEMS
Windows (7+)
Mac OS X (10.7+)
Linux (Ubuntu 12.04+)

CONNECTIVITY
USB and Ethernet
(Wi-Fi Coming Soon)

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