

MAKERBOT® REPLICATOR® Z18

3D PRINTER | FIFTH GENERATION

Massive build volume and the best price/performance
in the extra-large, professional 3D printer category.



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SETTING THE STANDARD IN DESKTOP 3D PRINTING

MAKERBOT® REPLICATOR® Z18

3D PRINTER

MASSIVE BUILD VOLUME

- Make extra-large and ultra-tall industrial prototypes, models, and products
- Think and build bigger than ever
- Print multiple things at once so you can get to work on your next design sooner

BEST PRICE/PERFORMANCE IN THE PROFESSIONAL 3D PRINTER CATEGORY

- Enclosed and heated build chamber designed for printing large models with minimal curling
- 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
- Wi-Fi, Ethernet and USB connectivity ensures a seamless production workflow
- New MakerBot Replicator Smart Extruder is easy to swap or replace

PRINT PAPER-THIN LAYERS

- 100-micron layer resolution
- Get smooth-to-the-touch surfaces that don't need sanding, finishing, or postproduction
- Create professional-quality, high-resolution prototypes and complex models
- Create realistic prototypes and models for demonstrations and presentations

SPECIFICATIONS

PRINTING

PRINT TECHNOLOGY
Fused Deposition Modeling

BUILD VOLUME
30,5 W x 30,5 D x 45,7 H cm
42.512 cubic centimeters

LAYER RESOLUTION
100 microns

FILAMENT DIAMETER
1,75 mm

FILAMENT COMPATABILITY
MakerBot PLA Filament
Large: 0,90 kg
XL: 2,26 kg*
XXL: 4,53 kg*

* Requires MakerBot Filament Case

BUILD PLATE
Injection-molded PC-ABS

PRINT CHAMBER
Enclosed and heated build chamber

SIZE & WEIGHT

PRODUCT DIMENSIONS
49,3 W x 56,5 D x 85,4 H cm

PRODUCT WEIGHT
41 kg

ELECTRICAL

POWER REQUIREMENTS
100-240 VAC; 5.4-2.2 A;
50/60 HZ; 350 W

SOFTWARE

FILE TYPES
STL | OBJ | THING | MAKERBOT

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

CONNECTIVITY
USB, Ethernet, Wi-Fi

CAMERA

CAMERA RESOLUTION
320 x 240