MAKERBOT®
REPLICATOR® Z18
3D PRINTER | FIFTH GENERATION

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

LESO
INDUSTRIAL S.R.L

REPRESENTANTE EXCLUSIVO EN BOLIVA

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 dont need sanding, finishing, or postproduction

Create professional-quality, high-resolution prototypes and complex models

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
30.5 L x 30.5 W x 45.7 H cm
[12.0 L x 12.0 W x 18.0 H in]

42,512 cubic centimeters
[2,592 cubic inches]

LAYER RESOLUTION
100 microns [0.0039 in]

FILAMENT DIAMETER
1.75 mm [0.069 in]

FILAMENT COMPATABILITY
MakerBot PLA Filament
Large: 0.90 kg [2.0 lb]
XL: 2.26 kg [5.0 lb]*
XXL: 4.53 kg [10.0 lb]*

* Requires MakerBot Filament Case

BUILD PLATE
Injection-molded PC-ABS

PRINT CHAMBER
Enclosed and heated build chamber

SIZE & WEIGHT

PRODUCT DIMENSIONS
49.3 L x 56.5 W x 85.4 H cm
[19.4 L x 22.2 W x 33.6 H in]

PRODUCT WEIGHT
41 kg [90 lbs]

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