

MAKERBOT 3D PRINTING SOLUTIONS



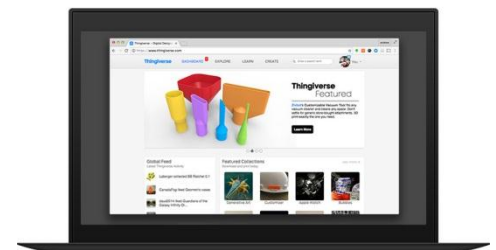
MAKERBOT CONNECTED SOLUTIONS

Elevate and streamline your desktop 3D printing experience with our full set of connected solutions and services, like accessible, reliable 3D printers, advanced design-to-print software, an expanding collection of apps, free designs from the largest 3D design community in the world and much more.

MakerBot Ecosystem



THINGIVERSE



THE ALL-NEW MAKERBOT REPLICATOR MINI+

For Simple, Accessible, and Reliable Desktop 3D Printing



TECHNICAL SPECS

PRINTING

Print Technology

Fused Deposition Modeling

Build Volume

10.1 L X 12.6 W X 12.6 H CM

[4 L X 5 W X 5 H IN]

1,603 Cubic Centimeters

[98 Cubic Inches]

Layer Resolution

100 microns [0.0039 in]

Filament Diameter

1.75 mm [0.069 in]

Filament Compatibility

MakerBot PLA Filament

Small Spool

Extruder Compatibility

Smart Extruder+

Nozzle Diameter

0.4 MM [0.015 IN]

Print File Type

.MAKERBOT

TEMPERATURE

Ambient Operating Temperature

15-26°C [60-78°F]

Storage Temperature

0-38°C [32-100°F]

SIZE & WEIGHT

Product Dimensions

29.5 L X 34.9 W X 38.1 H CM [11.6 L X

13.8 W X 15.0 H IN]

Shipping Box

40 L X 45.4 W X 52.2 H CM

[15.75 L X 17.9 W X 20.6 H IN]

Product Weight

9.3 KG [20.5 LBS]

Shipping Weight

(Includes Accessory Kit)

12.13 KG [26.75 LBS]

MECHANICAL

Construction

PC ABS with Powder-Coated Steel

Reinforcement

Build Surface

Grip Surface

Build Plate Leveling

Factory Leveled

Stepper Motors

1.8° step angle with 1/16 micro-stepping

XY Positioning Precision

11 Microns [0.0004 IN]

Z Positioning Precision

2.5 Microns [0.0001 IN]

THE ALL-NEW MAKERBOT REPLICATOR+

Engineered and Extensively Tested for Reliable, Faster 3D Printing



TECHNICAL SPECS

PRINTING

Print Technology

Fused Deposition Modeling

Build Volume

29.5 L X 19.5 W X 16.5 H CM

[11.6 X 7.6 X 6.5 IN]

9,492 Cubic Centimeters

[563 Cubic Inches]

Layer Resolution

100 microns [0.0039 IN]

Filament Diameter

1.75 mm [0.069 in]

Filament Compatibility

MakerBot PLA Filament

Large Spool,

MakerBot PLA Filament

Small Spool,

MakerBot Tough PLA Filament

Large Spool

Extruder Compatibility

Smart Extruder+,

Tough PLA Smart Extruder+

Nozzle Diameter

0.4 MM [0.015 IN]

Print File Type

.MAKERBOT

TEMPERATURE

Ambient Operating Temperature

15-32°C [60-90°F]

Storage Temperature

0-38°C [32-100°F]

SIZE & WEIGHT

Product Dimensions

52.8 L X 44.1 W X 41.0 H

[20.8 X 17.4 X 16.2 IN]

Shipping Box

61.6 L X 52.4 W X 57.9 H CM

[24.3 X 20.7 X 22.9 IN]

Product Weight

18.3 KG [40.4 LBS]

Shipping Weight

(Includes Accessory Kit)

22.8 KG [50.2 LBS]

MECHANICAL

Construction

PC ABS with Powder-Coated Steel

Reinforcement,

Aluminum Casting and Extrusions for

Motion Components

Build Surface

Grip Surface

Build Plate Leveling

Factory Leveled

Stepper Motors

1.8° step angle with 1/16 micro-stepping

XY Positioning Precision

11 Microns [0.0004 IN]

Z Positioning Precision

2.5 Microns [0.0001 IN]

SOFTWARE

Software Bundle

MakerBot Print Software,

MakerBot Mobile

Supported File Types

STL, OBJ

Operating Systems

Windows (7, 10)

Mac OS X (10.9+)

ELECTRICAL

Power Requirements

100-240 V, 50-60 HZ

0.76-0.43 A

Connectivity

USB, Ethernet, Wifi

CAMERA

Camera resolution

640 x 480

MAKERBOT REPLICATOR Z18

Massive Build Volume for the Professional Innovator



TECHNICAL SPECS

PRINTING

Print Technology

Fused Deposition Modeling

Build Volume

30.0 L x 30.5 W x 45.7 H CM

[11.8 L x 12.0 W x 18.0 H IN]

2,549 cubic inches

Layer Resolution

100 microns

Filament Diameter

1.75 mm [0.069 IN]

Filament Compatibility

MakerBot PLA Filament Large Spool

Nozzle Diameter

0.4 MM [0.015 IN]

Print File Type

.MAKERBOT

TEMPERATURE

Ambient Operating Temperature

15-24°C [60-75.2°F]

Storage Temperature

0-38°C [32-100°F]

SIZE & WEIGHT

Product Dimensions

49.3 L x 56.5 W x 86.1 H

[19.4 W x 22.2 D x 33.9 H IN]

Shipping Box

65.0 x 71.9 x 106.0 CM

[25.6 x 28.3 x 41.75 IN]

Product Weight

41 KG [90 LBS]

Shipping Weight

52 KG [115 LBS]

MECHANICAL

Construction

Powder-Coated steel
with PC-ABS and Aluminum

Composite Material

Build Surface

Injection molded PC ABS

Stepper Motors

1.8° step angle with 1/16 micro-
stepping

XY Positioning Precision

11 Microns [0.0004 IN]

Z Positioning Precision

2.5 Microns [0.0001 IN]

SOFTWARE

Software Bundle

MakerBot Print Software

Supported File Types

STL, OBJ

Operating Systems

Windows (7+)

Mac OS X (10.7+)

Linux (ubuntu 12.04+, fedora 19+)

ELECTRICAL

Power Requirements

100-240 V; 5.4-2.2 A;

50/60 HZ; 350 W

Connectivity

USB, Ethernet, Wifi

CAMERA

Camera Resolution

320 x 240