

MAKERBOT REPLICATOR Z18



MASSIVE BUILD VOLUME

- Print more complex, extra-large, and ultra-tall prototypes, models, or products
- Bring larger products to market faster with prototyping that resembles the size and feel of the final product
- Print multiple smaller designs at once to save time and simplify your process
- Give ambitious employees access to more sophisticated 3D printing for their ideas



BEST PRICE/PERFORMANCE IN THE PROFESSIONAL 3D PRINTER CATEGORY

- Affordable print cost of \$24 per pound (cost based on MakerBot Large PLA)
- On-board camera for print monitoring and easily sharing photos of prints
- App and cloud enabled for remote monitoring and control via MakerBot Desktop or MakerBot Mobile
- Offered with a six-month warranty, the new swappable MakerBot Smart Extruder+ ensures reliable results with MakerBot PLA filament over a greater period of time.
- Easily setup and maintain your printer with an intuitive display and dial
- Assisted leveling to ensure consistent results



PROFESSIONAL-QUALITY DETAIL

- 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
- Choose settings that range from fast draft to finer resolution



Makerbot Replicator Z18 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]
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]*
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
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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
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