



Makerbot 5th Gen 3D Printers

Taking 3D Printing to the next level

Happy New year everyone; and what a great year it is shaping up to be.

At CES 2014 (in January) Makerbot revealed their new 5th Generation 3D Printers, and they look fantastic.

There are 3 to choose from; The new **Replicator**, the **MINI**, and the amazingly big **Z18**

5th Generation Features

The fifth generation 3D Printers come with a range of new, sophisticated technology features that define the new standard for ease of use, quality, and reliability of the Makerbot 3D printer. These include :



3.5-INCH FULL COLOR LCD DISPLAY
On-board user interface and intuitive dial create a rich user experience
Access your object library and see previews of your 3D model files
On-board utilities help you set up and maintain your printer



NEW MAKERBOT SMART EXTRUDER
An easy to swap or replace system that **detects filament absence** and automatically pauses your print! It also then sends notifications to the **Makerbot Desktop** and **Makerbot Mobile** apps



ON-BOARD CAMERA
For print monitoring and easy sharing to MakerBot Thingiverse and social networks. The camera is accessible through MakerBot Desktop and MakerBot Mobile apps. It automatically takes reference pictures of final prints and saves them to your cloud storage library



MOBILE CONTROL
Free and friendly **Makerbot Mobile** app allows for remote monitoring from the on-board camera feed, and to receive notifications and alerts from your makerbot Replicator 5th Gen 3D printer.



EASY CONNECTION
4 ways to connect USB stick*, USB cable, Ethernet cable*, or Wi-Fi

Cloud connected Send print file via Wi-Fi, Ethernet* or USB to printer and control your 5th Generation Makerbot Replicator from anywhere with MakerBot Mobile
*USB stick and Ethernet are not available on the mini



OPTIMISED FOR PLA
All 3 5th Generation machines (Z18, Replicator, and the Mini) are designed specifically for PLA and cold bed printing. All these magnificent machines are designed with cold bed filaments in mind, which include **PLA, Wood, Brick, Nylon, and PVA**
Although the Z18 has a temperature controlled chamber, it does NOT have a heated bed.

Exclusive to the Makerbot Replicator

11% BIGGER BUILD VOLUME

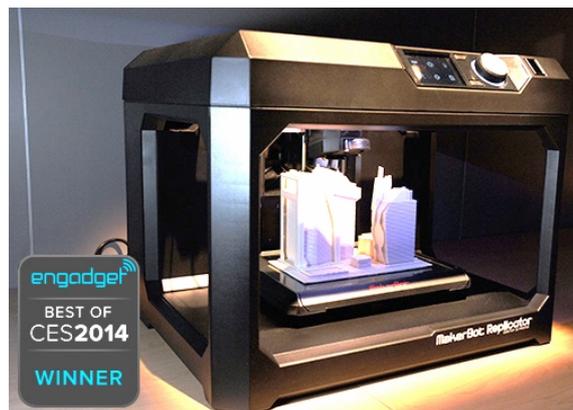
Build objects up to 25.2 x 19.9 X 15cm (up from 28.5 X 15.5 X 15)

100 MICRON LAYER RESOLUTION

RRP \$4025

PRE ORDER NOW FOR \$3950

[Pre-order now for delivery Feb-March](#)



Exclusive to the Makerbot Replicator Z18

HEATED CHAMBER

Enclosed and heated build chamber designed for printing large models with minimal curling.

ULTRA-TALL BUILD VOLUME

Build objects up to 45.7 cm (18 inches) tall.

Total build volume: 42,475 cm³ (2,592 in³).

Full build area 30.5 x 30.5 X 45.7cm

100 MICRON LAYER RESOLUTION

Create professional-quality, high-resolution prototypes and complex models with smooth-to-the-touch surfaces

Available April-May 2014

[Read more](#)



Exclusive to the Makerbot Replicator Mini

Finger Proof Chamber The machine is not 100% sealed, but it does have a top and front opening lid/door, and sealed sides, making it safe to have around wandering and investigating fingers in the home and classroom.

200 MICRON LAYER

RESOLUTION Allowing for prints to come out fast, while still looking very professional.

Quick plug and print options The mini does not have USB stick, or Ethernet connection, but it does have all the other features the bigger 5Th Generation machines, plus it is optimised for quick and easy printing straight from the *Makerbot Digital store* and *Thingiverse*

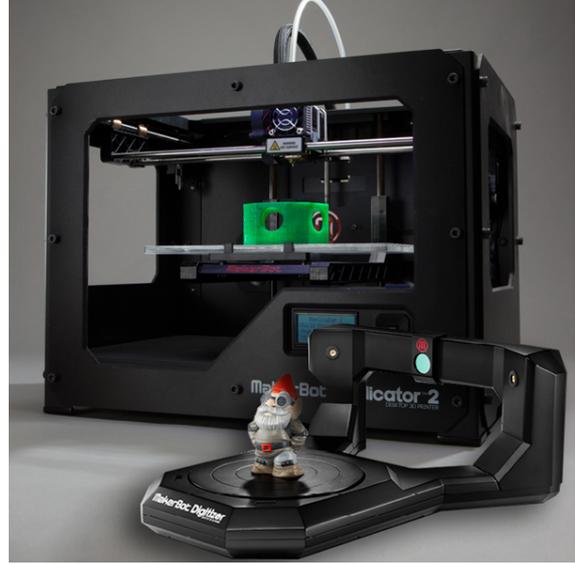
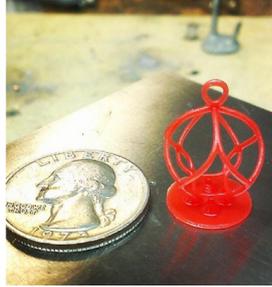
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JEWELRY ITEMS DESIGNED BY JUSTIN WELLS. PRINTED ON A B9 CREATOR THEN CASTE IN SILVER



Resin me this batman

We have been playing with Resin printers over Christmas in our bot caves and having a lot of fun. We will have resin machines available for you later this year, but those of you already resin printing, check out the new resins available online. We have tested them hard on the Form 1 and B9 with great results.

[Check them out now](#)

Makerbot Replicator and Digitizer Pack

We have released a specially discounted package deal to kick off the New Year.

Get the Replicator 2 and Digitizer together for **\$4345!**

That's \$480 off!

Replicator 2 normally : \$ 3050

Digitizer normally : \$ 1875

[Get Your Package Deal Now.](#) *Limited number available*



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