

## Robo Original 3D printer

The improved **Robo R1+** includes all new linear motion and lead screws for better quality, performance, and consistency. Also includes a better filament feeding system for ease-of-use and a “quick release” for fast change out of the extruder. Additional components for leveling, guidance, and performance of the R1+ make it the best option for desktop 3D printing today. You will love it!



### Best in-class performance and value

The reliable and versatile 3D printer that's priced to please.



### Prints most materials

All metal hot end prints with a wide range of Robo/non-Robo filaments.



### Completely modifiable

Easily modify Robo R1+ by adding on additional control screens and modifying the print head.



### Large print size

Robust 10 x 9 x 8 inch print size is perfect for a wide-range of projects.



### Lifetime customer support

Available customer support ready to assist any need.



### Automatic leveling and calibration

Spend more time making without having to manually adjust the print bed.



### SD card functionality

Send prints to R1+ via the included SD card.



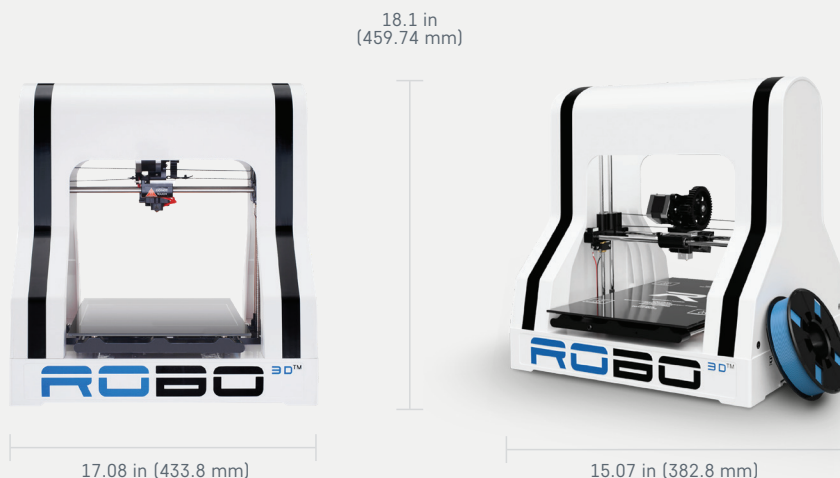
### Open source versatility

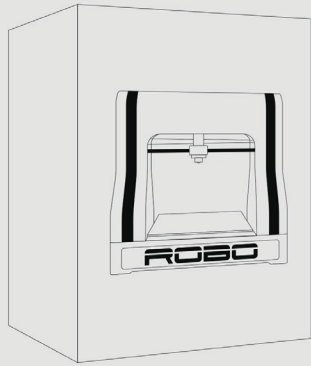
Easily make modifications, upgrades, and enjoy even more ways to print (works with MatterControl).



### Heated print bed

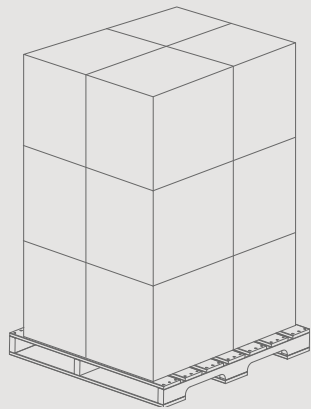
Heated borosilicate glass platform allows for better adhesion and material flexibility.





### Retail packaging

20 W x 18 D x 21 H in  
508 x 457.2 x 533.4 mm



### Shipping pallet build — 12 cartons

48 W x 36 D x 63 H in  
1219.2 x 914.4 x 1600.2 mm

## Tech specs

### Print technology

Fused filament fabrication

### Print size

10 x 9 x 8 inch  
254 x 228.6 x 203.2 mm

### Print platform

Heated borosilicate glass

### Layer resolution

100-300 microns

### Print head

All metal quick change nozzle

### XYZ Accuracy

11, 11, 1.6 microns

### Stepper motors

1.8 deg step angle  
with 1/6 micro-stepping

### Filament diameter

1.75 mm

### Nozzle diameter

0.4mm

### Chassis

ABS molded

### Body

ABS molded

### XYZ bearings

Stainless steel

### Weight

21 lbs  
9.5 kg

## Requirements

### AC input

110-220v, 47-63hz 30 amps

### Power requirements

12v 30 amps 360 watts

### Software

MatterControl

### Operating ambient temp

15 - 32 °C (60 - 90 °F)

### Non-operating temp

0 - 32 °C (30 - 90 °F)

### File type

.STL, .OBJ

### Supported OS

Windows (XP/7), Linux  
(Ubuntu) 10.4+, Mac OS X  
(10.7/10.8)

### File Transfer

SD Card

## Shipping details

### UPC

855076005400

### Shipping weight

27 lbs  
12.2 kg

### MSRP

\$499.99

## In the box

Robo R1+ printer  
Power cable  
Spool of filament  
Quick start guide  
SD card  
1-year Autodesk Fusion 360  
Spatula  
Tool kit

### Lifetime support, with warranties to fit every need

Our lifetime customer support with 6 month limited warranty comes standard, but if you want peace of mind beyond this time, Robo offers plans to suit every need.

18 month warranty period from time of purchase - \$149.99

30 month warranty period from time of purchase - \$299.99

### Free commercial version of Autodesk Fusion 360 included

Easily access professional industrial and mechanical design ideas with this integrated concept-to-production toolset.

 AUTODESK FUSION 360

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