

The B9Creator 3D DLP Printer v1.2



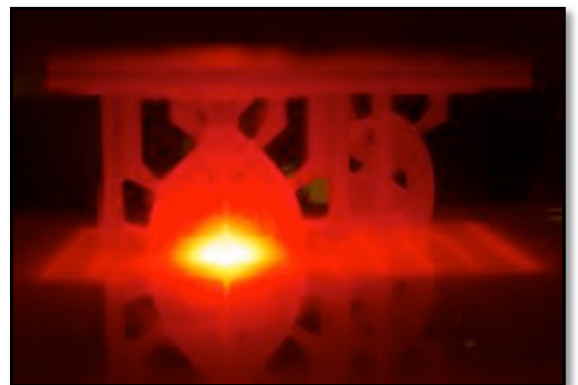
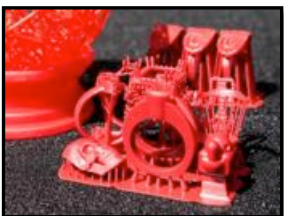
v1.2 BUILD HEIGHT 200mm

v1.2 BUILD AREA
 104.0mm x 75.6mm
 at 70µm x-y

v1.2 BUILD AREA
 96.0mm x 54.0mm
 at 50µm x-y

v1.2 BUILD AREA
 57.6mm x 32.4mm
 at 30µm x-y

Specs	
Size	33" (84 cm) h 18.5" (47 cm) w 12" (30.5 cm) d
Weight	approx. 30 lbs (13.5 kg)
Projector Resolution	1920 x 1080
Computer	Arduino Uno with custom shield connected to your computer
Software	Free download Windows, Mac, Linux; v1.7 or later; includes auto-support generating feature
xy resolution	30-70µm
z resolution	Material Dependent; mechanically as thin as 5 µm
Resin Printing Materials	Red, Cherry, Black, Yellow, Emerald; Suitable for lost wax casting applications; May be primed and painted to look like actual jewellery pieces; Printed parts may be used to create vulcanized rubber molds. White resin available for Dental applications
Vat	2 resin vats included
Calibration	1 calibration grid included
Support	Active online user forum, videos, training for purchase
Warranty	1 year
Options	Pre-tuned, ready for user calibration, or CE Certified factory calibrated unit for enhanced safety and ventilation using fan and optional BOFA 3D PrintPRO ventilation/odor control unit. Includes 1KG Emerald resin, may be upgraded to Yellow or Black. Accessories for additional purchase include print curing units, build platforms, vats, sweepers, calibration grids, ventilation kits, vat coating replacement kits.

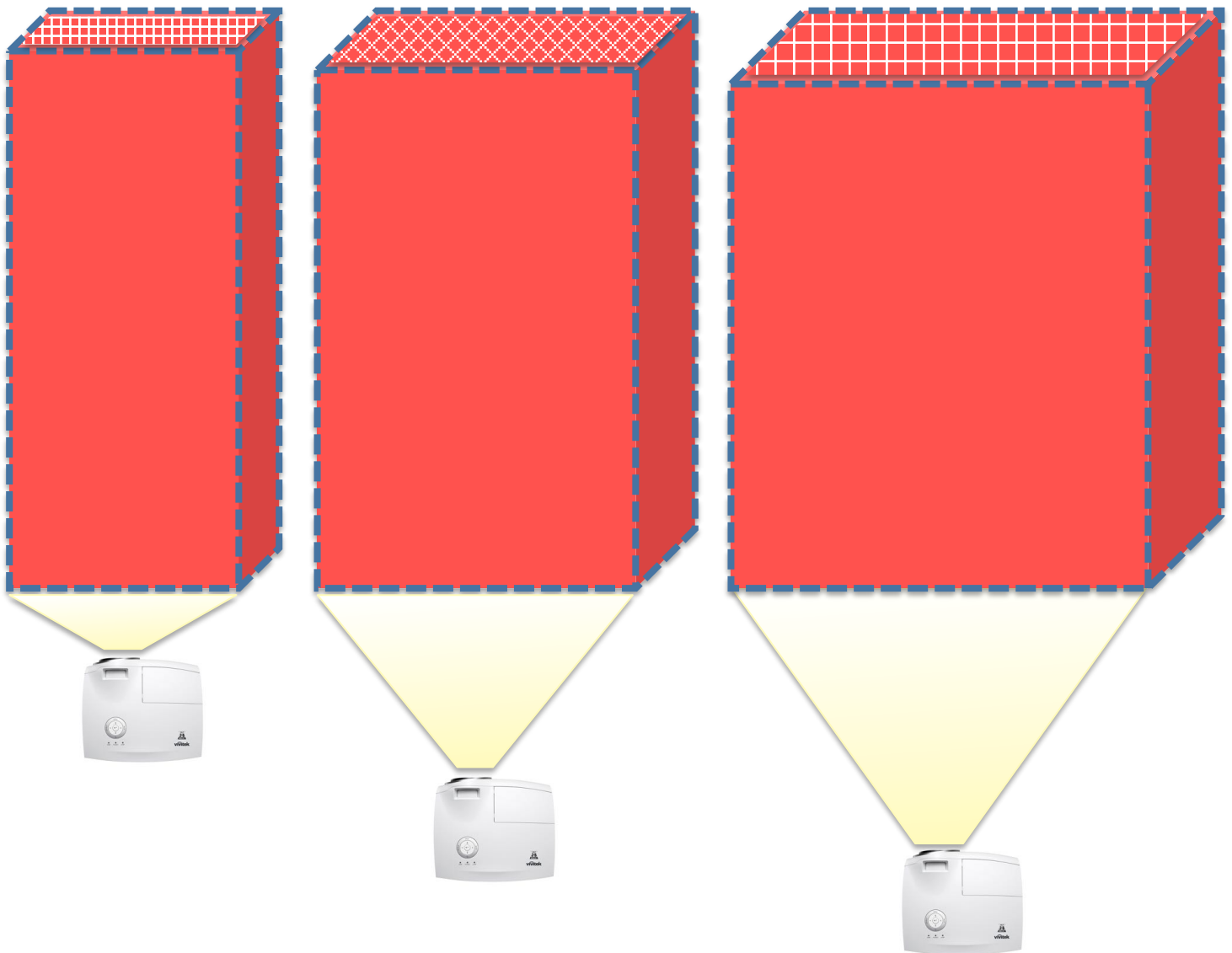


The B9Creator 3D DLP Printer v1.2 Build Spaces

B9Creator's HD projector moves vertically, resizing the image at the print surface:

- Highest position gives higher xy resolution (30µm pixels);
- Lowest position gives less xy resolution (70µm pixels).

Z axis is limited by the length of the table positioning rod, and is 200mm in all cases.



v1.2 BUILD SPACE
57.6mm x 32.4mm x 200mm
at 30µm x-y

v1.2 BUILD SPACE
96.0mm x 54.0mm x 200mm
at 50µm x-y

v1.2 BUILD SPACE
104.0mm x 75.6mm x 200mm
at 70µm x-y