



# Cubex™



### Print in Multi-Color

Easily create your multi-color parts with Cubex Color Software.



### Professional printability

Advanced settings to create inspiring prints.



### Print as big as a basketball

10.8" x 10.45" x 9.5" or 275mm x 265mm x 240mm



### Print in 18 colors of ABS and PLA

Print in PLA and ABS plastics. [Learn more about recycling Cube materials](#)



### Design Software Included

Includes a free license of Cubify Invent Software and material to get you



### Cube Experts

Need support? Call support 16 hours a day at 678-338-3480.

## CUBEX 3D PRINTER TECH SPECS

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### WEIGHT & DIMENSION

#### Cubex dimensions

(without cartridge)

515mm (w) x 515mm (l) x 598mm (h)

20 ¼" x 20 ¼" x 23 ½"

#### Cubex weight

(single head print)

79 lb / 36 kg

#### Cubex weight

(double head print)

81.5 lb / 37 kg

#### Cubex weight

(triple head print)

84 lb / 38 kg

Maximum build size (single head print)	275mm (w) x 265mm (l) x 240mm (h) 10.75" x 10.75" x 9.5"
Maximum build size (double head print)	230mm (w) x 265mm (l) x 240mm (h) 9" x 10.75" x 9.5"
Maximum build size (triple head print)	185mm (w) x 265mm (l) x 240mm (h) 7.3" x 10.75" x 9.5"

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## Z AXIS RESOLUTION

Single head print	
Double head print	0.100mm (0.004" / 100 microns)
Triple head print	

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## PRINT TOLERANCE

Single head print	x and y axis +/- 1% of object dimension or +/- 0.2mm (0.008" / 200 microns) whichever is greater.
Double head print	z axis +/- half the processed z resolution
Triple head print	Shrinkage and warpage can occur on models and is purely geometry dependent.

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## PRINT SPEED EXTRUDED VOLUME

Single head print	
Double head print	Maximum 15mm <sup>3</sup> (9/16th <sup>3</sup> ) per second print and polymer dependent
Triple head print	

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## POWER REQUIREMENTS

Single head print	
Double head print	110 - 240v AC
Triple head print	

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## MAXIMUM OPERATING TEMPERATURE AT EXTRUDER TIP

Single head print	
Double head print	280°C (536<°F)
Triple head print	

## SUPPORT MATERIAL

Single head print  
Double head print  
Triple head print

PLA / ABS / Dissolvable Natural PLA

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## SUPPORT REMOVAL

Single head print,  
Double head print &  
Triple head print

Break away support material with pliers and cutters or just fingers where appropriate. PLA plastic is soluble in a sodium hydroxide solution used with a heated ultrasonic tank - care is required with this option.

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## SOFTWARE

**Description:**

All CubeX 3D Printers include complimentary conversion software. This application converts your 3D model into layered slices (G-code), ready for printing on your machine. Other features and uses of CubeX Software include:

- Clear, familiar and easy to use interface
  - Scaling, rotation and movement of parts on a simulated print bed
  - Proven default settings for all CubeX 3D printers
  - Ability to create custom profiles as needed
  - Imperial / metric conversion available
  - Combined part and toolpath viewer
  - Built-in STL file verification
  - Profiles for multiple material / support material
  - Software upgrades can be downloaded from the CubeX Technical Resources hub.
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## WARRANTY

**Description:**

90 days replacement if defective



**BDSYSTEMS™**

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