



CubeX™ 3D Printer technical specification



Weight and dimensions

CubeX dimensions: Without cartridge 515mm (w) x 515mm (l) x 598mm (h) (20 1/4" x 20 1/4" x 23 1/2" inches)

CubeX weight: CubeX Single head print 36kg (79 Lbs.)

CubeX weight: CubeX Double head print 37kg (81.5 Lbs.)

CubeX weight: CubeX Triple head print 38kg (84 Lbs.)

Maximum Build Size: CubeX Single head print 275mm (w) x 265mm (l) x 240mm (h) (10.75" x 10.75" x 9.5" inches)

Maximum Build Size: CubeX Double head print 230mm (w) x 265mm (l) x 240mm (h) (9" x 10.75" x 9.5" inches)

Maximum Build Size: CubeX Triple head print 185mm (w) x 265mm (l) x 240mm (h) (7.3" x 10.75" x 9.5" inches)

CubeX weight: CubeX Triple head print 38kg (84 Lbs.)

Z axis resolution

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

Print tolerance

CubeX Single head print, Double head print, Triple head print
• x and y axis +/- 1% of object dimension or +/- 0.2mm (0.008" / 200 microns) whichever is greater

- z axis +/- half the processed z resolution
- Shrinkage and warpage can occur on models and is purely geometry dependent

Print speed extruded volume

CubeX Single head print, Double head print, Triple head print

Maximum 15mm³(⁹/₁₆th"³) per second print and polymer dependent

Power requirements

CubeX Single head print, Double head print, Triple head print

110 - 240v AC

Maximum operating temperature at extruder tip

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

Support material

CubeX Single head print, Double head print, Triple head print

PLA / ABS / Dissolvable Natural PLA

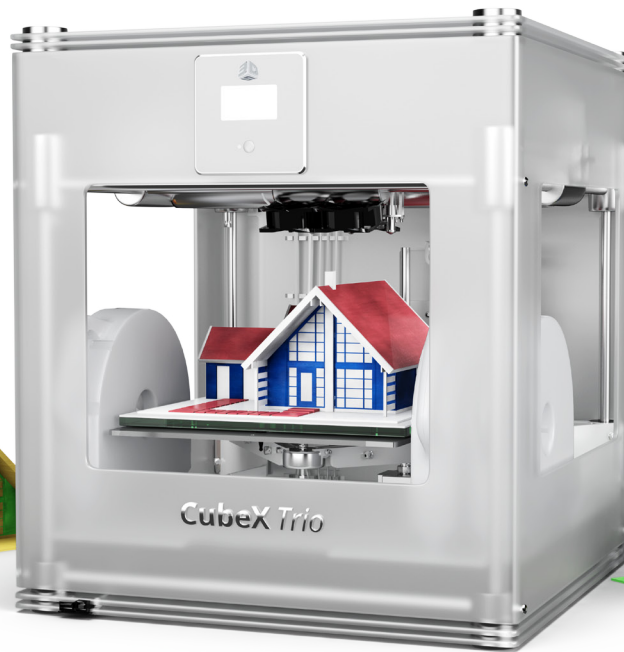


Call our specialist **Darren Maxey** to find out more

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or visit www.midwich.com





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Support removal

CubeX 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

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 tool path viewer
- Built-in STL file verification
- Profiles for multiple material / support material
- Software upgrades can be downloaded from the CubeX Technical Resources hub

Warranty

1 year manufacturer warranty is applicable.



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