

# CUBEPRO PRINTER TECH SPECS

## WEIGHT & DIMENSIONS

### CubePro dimensions

(uncrated)

578mm (w) x 578mm (l) x 591mm (h)  
22¾" x 22¾" x 23¼"

### CubePro weight

(Single head printer)

80 lb / 36kg

### CubePro weight

(Duo - Double head printer)

82.5 lb / 37.4kg

### CubePro weight

(Trio - Triple head printer)

85 lb / 38.5kg

### Maximum build size

(Single head printer)

285.4mm (w) x 270.4mm (l) x 230mm (h)  
11.2" x 10.6" x 9.06"

### Maximum build size

(Duo - Double head printer)

242.9mm (w) x 270.4mm (l) x 230mm (h)  
9.56" x 10.6" x 9.06"

### Maximum build size

(Trio - Triple head printer)

200.4mm (w) x 270.4mm (l) x 230mm (h)  
7.89" x 10.6" x 9.06"

## **Z AXIS RESOLUTION**

All models

0.100mm (0.004" / 100 microns)

## **LAYER THICKNESS**

All models

70 microns, 200 microns and 300 microns for fast mode. Available for all three models.

## **PRINT TOLERANCE**

All models

X and Y axis  $\pm 1\%$  dimension or  $\pm 0.2\text{mm}$  (0.008" / 200mm microns) whichever is greater. Z axis  $\pm$  half the processed z resolution. Shrinkage and warpage can occur on models and is purely geometry dependent.

## **PRINT SPEED EXTRUDED VOLUME**

All models

Maximum 15mm (9/16") per second and polymer dependent

## **POWER REQUIREMENTS**

All models

100 - 240v AC

## **MAXIMUM OPERATING TEMPERATURE AT EXTRUDER TIP**

All models

536°F / 280°C

## **SUPPORT MATERIAL**

All models

PLA / ABS / dissolvable natural PLA

## **SUPPORT REMOVAL**

All models

Break away supports with pliers or cutters or just fingers where appropriate. PLA plastic is soluble in sodium hydroxide solution used with a heated ultrasonic cleaner (care is required with this option).

## **SOFTWARE**

Description

All CubePro 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 CubePro software include: Clear, familiar and easy-to-use interface Scaling, rotating and movement of parts on a simulated print bed Proven default settings for all CubePro 3D printers Ability to create custom profiles as needed Imperial/metric conversion available Built-in STL file verification Combined part and tool path viewer Profiles for multiple material/support materials