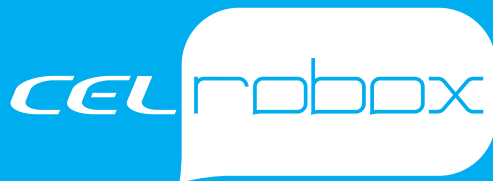


# Specifications

Print Technology	Fused Filament Fabrication (FFF)
Build Size (L x W x H)	210 x 150 x 100 mm
Total Size (L x W x H)	370 x 340 x 240 mm
Layer Resolutions	Custom - up to 20 microns / 0.02 mm Fine - 100 microns / 0.1 mm Standard - 200 microns / 0.2 mm Fast - 300 microns / 0.3 mm
Positioning Precision	XY: 7.5 microns / 0.0075 mm Z: 0.15625 microns / 0.00015625 mm
Filament Diameter	1.75 mm +/- 0.05 mm
Head Nozzle Diameters	0.3 mm & 0.8 mm
Model Materials	PLA, ABS, PETG, PC & Nylon
Software Bundle	Robox® AutoMaker™
File Types	.stl & .obj
Software Compatibility	Windows 7+, MacOS X 10.6+ & Ubuntu Linux 12.04+



 3D PRINTERS DESIGNED  
IN GREAT BRITAIN

[www.cel-robox.com](http://www.cel-robox.com)

# CEL roboox

## micro-manufacturing platform



Robox brings manufacturing to your desktop with an award-winning user experience

Enjoy hassle-free, high quality 3D printing and outstanding UK-based support

- ⚙️ Patented needle valve **QuickFill™** technology for enhanced 3D printing speed and precision
- ⚙️ Attractive and durable stainless steel frame with injection moulded housing
- ⚙️ Hard-wearing **ThermoSurface™** heated build plate with no glue required
- ⚙️ Unique safety features with interlocking door for maximum security
- ⚙️ **SmartReel™** technology for automatic print settings and costings
- ⚙️ Enhanced workflow with simple default print settings
- ⚙️ Adaptive bed levelling and automatic calibrations



## Create and innovate with Robox

Robox is a compact, easy to use desktop 3D printer that delivers high quality, cost-effective results. The platform is upgrade-ready for dual extrusion capabilities and future functions in development including stylus cutting, pen plotting and paste extrusion.

You won't see any knobs or screws in sight as the platform never needs to be calibrated manually. 3D printing is made easy with fully automatic hardware calibrations and the award-winning **AutoMaker™** interface software.

Robox is also extremely safe, suitable for use around young people and novice users. Its unique **SafeLock Mechanism** uses a software-controlled, interlocking safety door to create a fully enclosed build environment for enhanced print quality that also prevents users from accidental exposure to extremely hot components in the chamber.