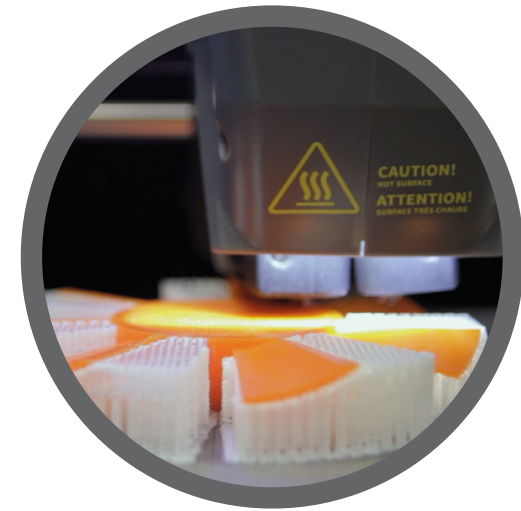*Designed for professionals with engineering applications in mind.*

Prototype and manufacture with soluble or breakaway support.

Robox needle valve nozzle control technology for reduced print times.

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Specifications

Technology	Fused Filament Fabrication (FFF)
Build Size (L x W x H)	210 x 300 x 400 mm
Total Size (L x W x H)	510 x 510 x 610 mm
Layer Resolutions	Custom - up to 50 microns / 0.05 mm
	Professional - 80 microns / 0.08 mm
	Standard - 150 microns / 0.15 mm
	Fast - 300 microns / 0.3 mm
	Ultra Fast - 500 microns / 0.5 mm
Temperatures	Nozzles - up to 300℃
	Bed - up to 150℃
Filament Diameter	1.75 mm $^+/_-$ 0.05 mm
Head Nozzle Diameters	QuickFill™ - 0.3 mm & 0.8 mm
	DualMaterial™ - 0.4 mm & 0.4 mm
	SingleX™ - 0.6 mm (Olsson Ruby)
Coming soon:	*Fine DualMaterial™ - 0.2 mm & 0.4 mm*
	Rapid - 1.2 mm
Model Materials	ABS, PETG, PC, nylon & carbon-filled
Support Materials	Soluble & breakaway
Interface	Desktop/laptop, mobile & touchscreen
File Types	.stl & .obj
Connectivity	Wi-Fi, USB stick, USB cable & Ethernet
Air Purification	HEPA & active charcoal air filtration system
Software Bundle	Robox® AutoMaker™
Software Compatibility	Windows 7+, MacOS X 10.6+
	& Ubuntu Linux 12.04+

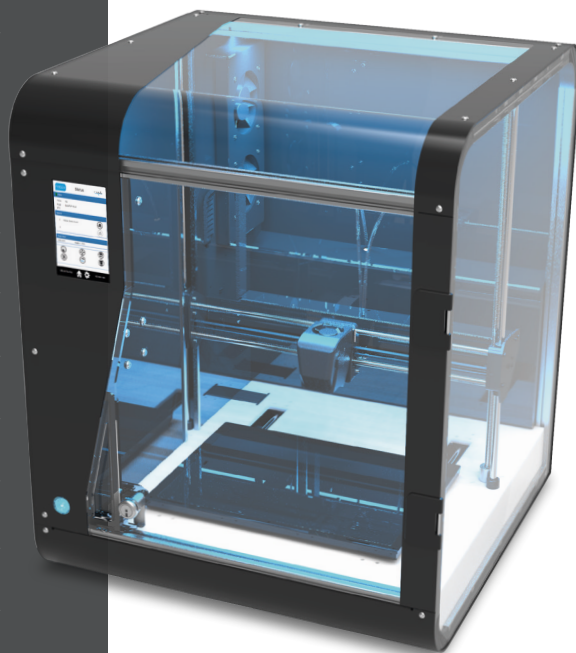## www.cel-robox.com

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Patented needle valve nozzle control technology makes RoboxPRO the most efficient high quality dual extrusion machine for prosumers and professionals.

Create high quality models, full-size prototypes and end-use parts up to 30% faster with the new RoboxPRO 3D printing system from CEL.

- Needle valve nozzle technology for superior dual extrusion printing
- Professional build volume of 210 x 300 x 400 mm
- Upgradeable printheads for extended and enhanced capabilities
- Integrated 5" touchscreen interface with wireless connectivity
- HEPA filter and active charcoal air purification system
- Climate-controlled build chamber with locking door
- Interchangeable, hassle-free build plate - no glue or tape required
- Web access with real-time monitoring and alerts
- **Smart**Reel™ technology for automatic print settings and costings
- Streamlined workflow with intuitive **Auto**Maker™ software
- Adaptive bed levelling and fully automatic hardware calibrations
- Flexible build plate with magnetic fittings for easy removal of parts

CEL

MADE IN BRITAIN

12 month guarantee