The Builder Extreme 2000 PRO

Our most advanced large scale 3D printer yet.

Key features

1. 700 x 700 x 1700 mm (XYZ)
2. Heated Bed
3. Dual-Feed Extruder
4. 7 inch touchscreen
5. Filament 2 x 4.5 kg
6. Filament detection

7. Ups resume after power outage
8. WiFi
9. USB
10. Locking system
11. Onboard camera
12, BOFA airfilter ready

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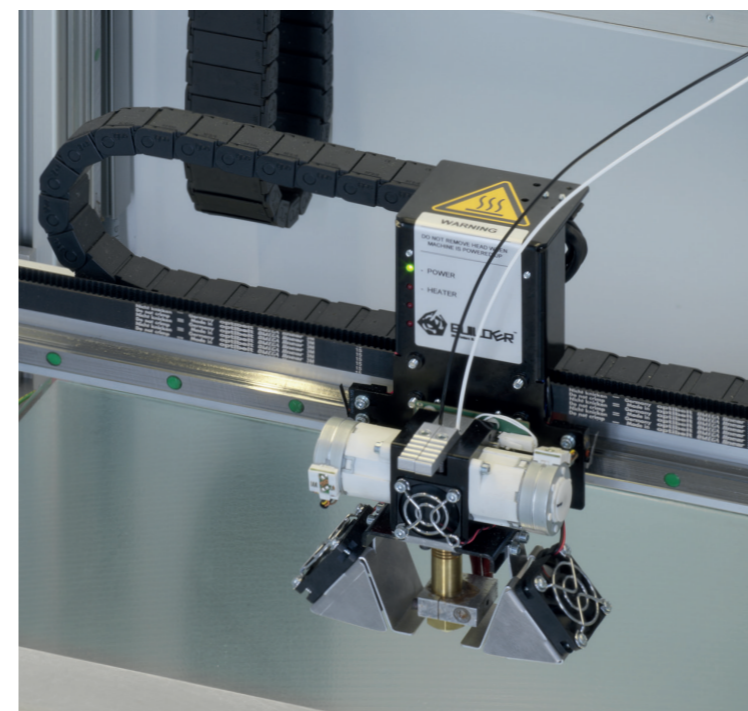
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Meet the Builder Extreme 2000 PRO.

The Extreme 2000 PRO takes large scale 3D printing to a higher and more professional level. With its giant build volume of 700x700x1700 mm (XYZ), it's one of the biggest FDM 3D printers available, which makes it ideal for professional and industrial use. From 3D printing prototypes, moulds, tooling and more, the easy to use Builder Extreme 2000 PRO will print high quality industrial grade parts time after time.

7 inch touch-screen - easy to use interface

The 7 inch touch screen allows you to have full adjustment control over the Extreme 2000 PRO and the printed object. You can control the nozzle and bed temperature, but also control light, filament change and many more. It even plays instruction videos. With the on-board camera you can check the progress of the print and the Wi-Fi allows you to upload files to the Extreme 2000 PRO.

Dual-Feed extruder – Most versatile extruder

The innovative and versatile direct drive extruder has been designed for non-stop printing. The Dual-Feed extruder is able to print dual coloured objects, but can also be used as a mono extruder when inserting 2 of the same filament spools. The easy to swop nozzle can be replaced for a smaller/bigger nozzle diameter to influence print quality/time.

Fully closed housing

The fully closed housing combined with the heated bed positively influence the print quality of the printed object but also reduces the sound of the machine by 40%. The transparent doors allow you to monitor the printing process at all times. For safety reasons the doors can only be opened when the print is paused. The Extreme 2000 PRO is air filter ready and the BOFA air filter can be added to the Extreme 2000 PRO as an option.

Design

The Extreme 2000 PRO has been designed efficiently to be able to offer place to all its key features without sacrificing print volume. Despite its huge print volume, the Extreme 2000 PRO is optimal for all workspaces. The filament spools and control box are integrated in the closed housing and will open for easy access, when slightly pushing the panels. The 7 inch touch screen is ergonomically placed at a level for comfortable use.

Specs

Builder Extreme 2000 Pro

Please find below the key specs of the Builder Extreme 2000 PRO. Is there a specific spec or material you are missing? Please contact the Builder team. A complete spec sheet can be found on our website.

Printer and printing properties		
	Technology	Fused Filament Fabrication (FFF)
	Print head	Mono or Dual-Feed extruder
	Build size	700x700x1700 mm (XYZ)
	Filament diameter	1.75 mm
	Layer height resolution	0.1 – 0.8 mm
	Print speed	Up to 120 mm/s
	Travel speed	Up to 200 mm/s
	Build plate	Heated glass build plate
	Heated bed	up to 70 ˚C (heated in 10 minutes)
	Levelling	semi-automatic. (auto levelling expected Q2 2019)
	Feeder type	Direct drive
	Nozzle diameter	0.4, 0.8, 1.2 mm (easy to swop)
	Power rating	1400 watt, after heating 800 watt
	Connectivity	Wi-Fi, USB port, Ethernet
	Display	7 inch full colour touch screen
	On-board camera	Live camera view from desktop or mobile device
	Filament detection	Yes
	Ups system	Resume after power outage
	Safety locking system	Doors only open after print is paused
	CE certified	Yes

Physical dimensions		
	Outside dimensions	134x105x224 cm (LxWxH)
	Shipping dimensions	142x110x237 cm (LxWxH)

Software		
	Supplied Software	Simplify 3D

Materials		
	Printing Material	PLA, PET, PRO1 (ABS replacement), Flexible filaments

Subject to change