

 **BUILDER**

INDUSTRIAL 3D PRINTERS



Discover new opportunities with the **Builder Extreme 2000 PRO** - our most advanced large scale 3D printer yet.

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The Extreme 2000 PRO takes large scale 3D printing to more professional level. With its giant build volume of 700x700x1700 mm (XYZ), it is one of the tallest FDM 3D printers available on the market. The height makes it ideal for professional use and printing high quality industrial grade parts, time after time.

Unique design

The Extreme 2000 PRO has been designed efficiently in order to fit in all of its key features without sacrificing print volume.

Despite its huge build area, the Extreme 2000 PRO is optimal for all workspaces.

The filament spools and control box are integrated in the housing and will open for easy access, when slightly pushing the panels.

The 7-inch touch screen is ergonomically placed at a convenient to use level.

Versatile Dual-Feed extruder

The Dual-Feed extruder has been developed in-house and has only one nozzle. The machine enables to print dual-material objects, as well as extremely large parts made of one material.

The extruder comes with a set of easy to swap nozzles of three different diameters.

0.4 mm nozzle
0.8 mm nozzle
1.2 mm nozzle



0.1 – 0.3 mm layer height
0.4 – 0.7 mm layer height
0.8 – 0.9 mm layer height

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Printing extremely high parts? Use two big spools of filament. When you continuously print 9 kg of material, the print quality improves and the filament needs to be refilled rarely.



Fully-closed housing

The fully closed housing, together with the heated bed, positively influences the quality of the printed object. It also reduces the sound of the machine by 40%.

The transparent door allows you to monitor the printing process at all times. For safety reasons it can only be opened when the print is paused.

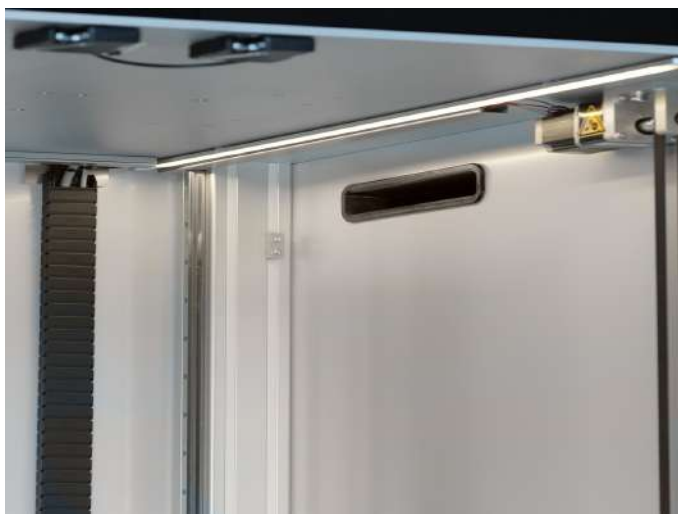
The Extreme 2000 PRO is ready to integrate a BOFA fume extraction unit, which reduces the occupational risks associated with melting plastics.

Effortless operation – 7-inch touch screen

The responsive, full-colour touch screen makes operating the Extreme 2000 PRO straightforward. The touch screen allows you to have adjustment control over the 3D printed part and your Extreme.

From print speed and temperature to changing filaments – most of the parameters can be altered on the screen. The printer comes with useful instruction videos about the machine operation and maintenance activities.

You can lock the screen with a personal code for security reasons.



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Features that make large scale 3D printing trouble-free

The Builder Extreme 2000 PRO comes with an integrated UPS system that resumes the operation after a power cut.

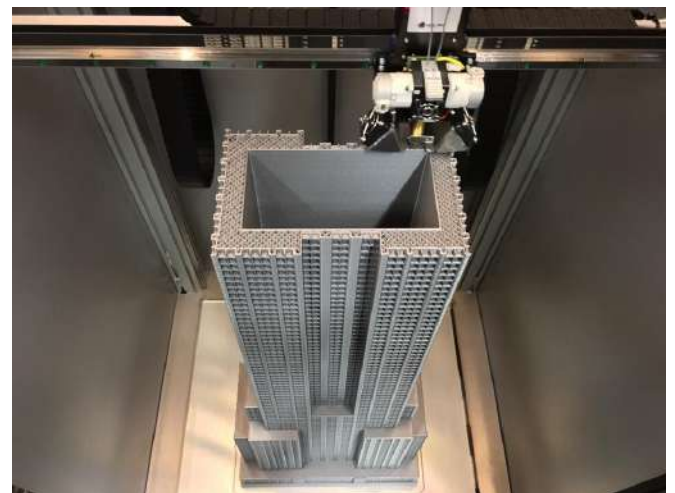
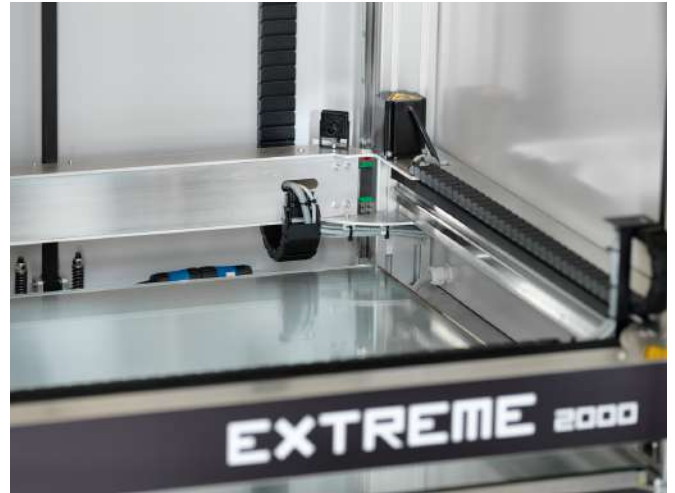
When a power failure occurred, the current status is saved and as soon as the power comes back, you can resume the print.


The filament detection ignites when the machine is running out of filament. After refilling the new spool, the print job can be finished.

Slicing software

Slicing software is just as important as the 3D printer itself. That is why the Builder Extreme 2000 PRO comes with Simplify3D, which is the ideal program for large scale 3D prints.

To make a start hassle-free, we already optimised the settings for the different nozzle diameters so you can start printing as soon as the 3D printer arrives.



Key facts	Operating volume	700 x 700 x 1700 mm (XYZ)		
	Print speed	Up to 300 mm/s		
	Layer height resolution	0.1 – 0.9 mm		
	Unique features	Filament detection system		
		Uninterruptible power supply		
	Interchangeable easy-to-swap nozzles			
	Door locking system			
	BOFA extraction unit (optional)			
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General specifications	Outer dimensions	134 x 105 x 224 cm		
	Shipping dimensions	142 x 110 x 237 cm		
	Weight	250 kg		
	Power rating	1800 W (peak)		
	UPS system	Resume after power outage		
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Printing process	Technology	Fused deposition modelling (FDM/FFF)		
	Print head	Mono- or Dual-Feed extruder		
	Print speed	Up to 300 mm/s		
	Travel speed	Up to 500 mm/s		
	Build plate	Aluminium build plate		
	Heated bed	Up to 60°C		
	Bed levelling	Automatic levelling		
	Feeder type	Direct drive		
Nozzle diameter	0.4, 0.8, 1.2 mm			
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Control	Connectivity	Wi-Fi, USB port, Ethernet		
	Display	7-inch full colour touch screen		
	On-board camera	Snap shots from desktop or mobile devices		
	Supplied software	Simplify3D®		
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Filaments	Filament diameter	1.75 mm		
	Filament detection	Yes		
	Materials	PLA, PET, PVA, PRO1 (ABS replacement), flexible filament		

All specifications might be subjected to changes.

Builder Extreme is also available with financial lease.

Interested?

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