



3D print complex, large and durable industrial grade parts on the **Builder Extreme 1500 PRO.**



The Builder Extreme 1500 PRO is seen as a workhorse, printing time after time 24/7 and it is able to fit in every office environment. The uniquely long build area makes it the perfect industrial 3D printer for full-scale prototypes or architectural projects.

### **Extremely long build volume**

The build volume of Extreme 1500 PRO is 1100x500x820 mm (XYZ) which makes it one of the longest and biggest industrial FDM 3D printers available today.

Despite the extremely long X axis, the machine is the perfect fit for each and every office space as it fits into the smallest corners and even in a lift.



### **Fully-closed housing**

The fully closed housing of the Extreme 1500 PRO, in combination with the heated bed, positively influence the print quality of the finest details of the printed objects. It also improves the adhesion of the 3D printed part which is key for extremely large prints. The transparent doors allow you to monitor the printing process and reduce the sound of the machine by 40%.

The Extreme 1500 PRO is ready to incorporate a BOFA extraction unit, which reduces the occupational risks associated with melting plastics.





### Versatile Dual-Feed extruder

The Dual-Feed extruder was developed in-house and has only one nozzle. The machine allows to print dual-material objects, such as PLA with PVA, as well as extremely large single material prints. The extruder comes with a set of easy to swap nozzles of three different diameters, which helps optimise the process.



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

Printing extremely large parts? Use both extruders in 50% and print with 2 x 4.5 kg spools. By printing two spools at once (9 kg in total), the print quality improves and the filament needs to be changed rarely.



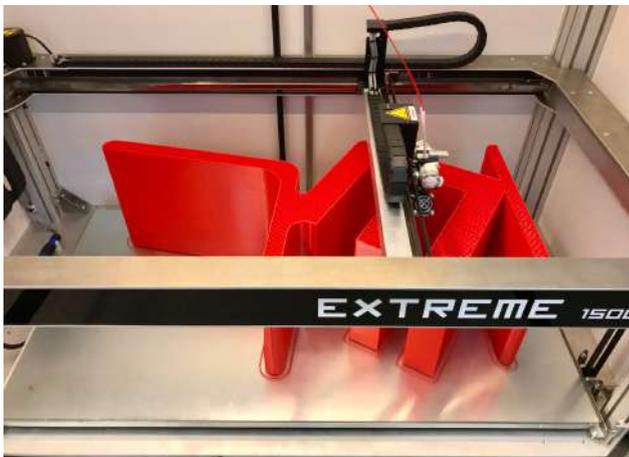
### Effortless operation – 7-inch touch screen

The responsive, full-colour touch screen makes operating the Extreme 1500 PRO straightforward. The touch screen allows you to have adjustment control over the 3D printed part and the machine. From print speed and temperature to changing filaments – most of the parameters can be altered on the screen. The printer comes also with useful instruction videos about the machine operation and maintenance. Lock the screen with your personal code for safety reasons.



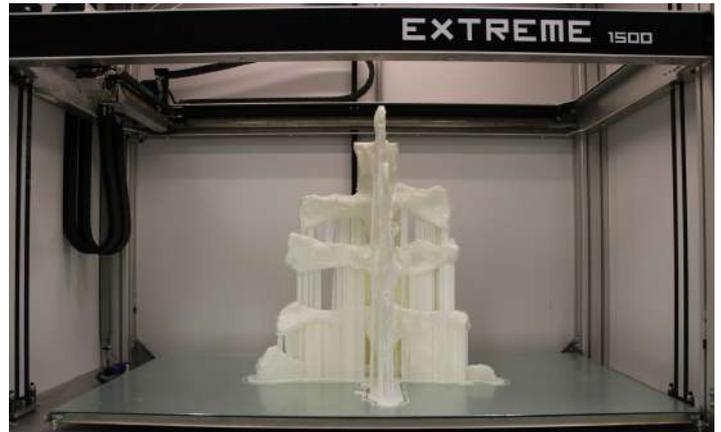
## Features that make large scale 3D printing trouble-free

The Builder Extreme 1500 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 kicks in when the machine is running out of filament. After refilling the new spool, you can finish the print job. This also allows you to fully use each spool and reduce the material leftovers.



## Mobility

The machine takes relatively little space, so it can be placed both in a corner of your office and in the industrial warehouse of the factory. Furthermore, it is equipped with the four inbuilt wheels which makes it mobile and easy to transport between different departments, in order to manage the workflow better.



## Slicing software

Slicing software is just as important as the 3D printer itself. That is why the Builder Extreme 1500 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.



<b>Key facts</b>	Operating volume	1100 x 500 x 820 mm (XYZ)	
	Print speed	Up to 120 mm/s	
	Layer height resolution	0.1 – 0.9 mm	
	Unique features	Filament detection system Uninterruptible power supply Interchangeable easy-to-swap nozzles 4 transportation wheels BOFA extraction unit (optional)	
<b>General specifications</b>	Outer dimensions	151 x 79 x 155 cm	
	Shipping dimensions	165 x 85 x 190 cm	
	Weight	225 kg	
	Power rating	1800 W (peak)	
	UPS system	Resumes after power outage	
<b>Printing process</b>	Technology	Fused deposition modelling (FDM/FFF)	
	Print head	Mono- or Dual-Feed extruder	
	Print speed	Up to 120 mm/s	
	Travel speed	Up to 200 mm/s	
	Build plate	Heated glass build plate	
	Heated bed	Up to 60°C	
	Levelling	Semi-automatic (auto-levelling expected Q4 of 2019)	
	Nozzle diameter	0.4 / 0.8 / 1.2 mm	
<b>Control</b>	Connectivity	Wi-Fi, USB port, Ethernet	
	Display	7-inch full colour touch screen	
	On-board camera	Live view from desktop or mobile devices	
	Supplied software	Simplify3D®	
<b>Filaments</b>	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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