

 **BUILDER**

INDUSTRIAL 3D PRINTERS



3D print your models in superb quality on the **Builder Extreme 1500 PRO.**

# **BUILDER**

The Builder Extreme 1500 PRO is seen as a workhorse, printing high-quality parts time after time. The uniquely long build area makes it the perfect industrial 3D printer for full-scale prototypes, architectural projects or product designs.

## **Extremely long build volume**

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

Despite the long X axis, the machine is a perfect fit for each and every office space.



## **Fully-closed housing**

The fully closed housing of Builder Extreme 1500 PRO, in combination with the heated bed, positively influences the print quality of the finest details of your objects. It also improves adhesion of the 3D printed part which is a key for extremely large prints.

Transparent door allows you to monitor the printing process and reduces the sound of the machine by 40%.

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



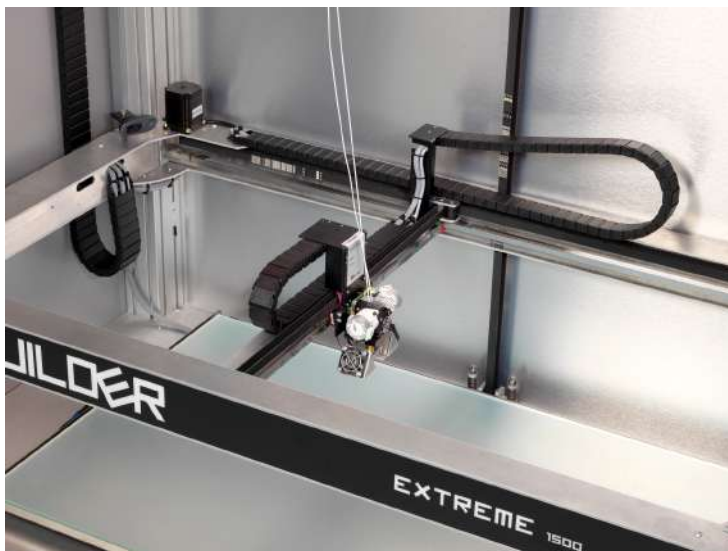
# **BUILDER**

## **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

Printing extremely large 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.



## **Effortless operation – 7-inch touch screen**

The responsive, full-colour touch screen makes operating the Builder Extreme 1500 PRO straightforward.

The interface allows you to have adjustment control over the 3D printed part and your machine. From print speed and temperature to the filament change – most of the operations can be altered on the screen.

The printer comes with useful instruction videos about the machine operation and maintenance activities.

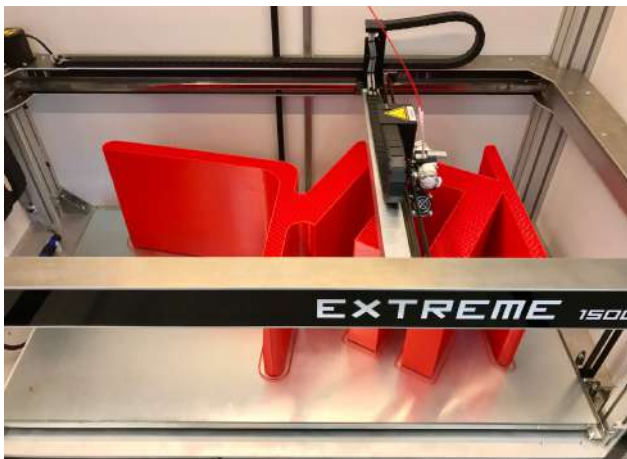
You can lock the screen with a personal code for security reasons.

# **BUILDER**

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

The Builder Extreme 1500 PRO is equipped with the 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.

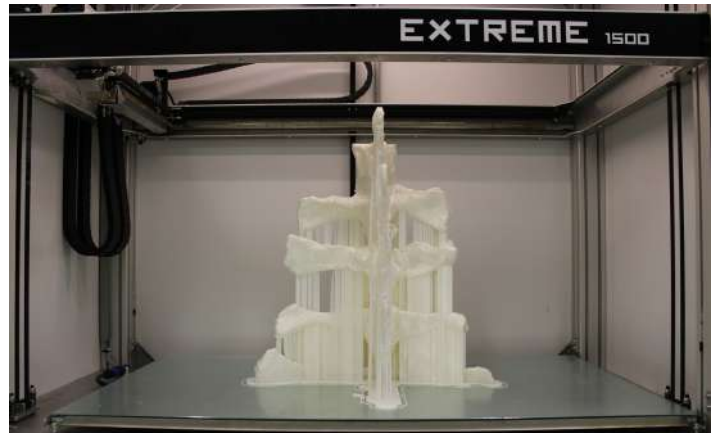
The filament detection ignites when the machine is running out of filament. After refilling the new spool, you can finish the print job.



## **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 wheels which makes it mobile and easy to transport between different departments.




## **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 300 mm/s		
	Layer height resolution	0.1 – 0.9 mm		
	Unique features	Filament detection system		
		Uninterruptible power supply		
	Interchangeable easy-to-swap nozzles			
	Transportation wheels			
	BOFA extraction unit (optional)			
<hr/>				
<b>General specifications</b>	Outer dimensions	151 x 79 x 155 cm		
	Shipping dimensions	165 x 85 x 190 cm		
	Weight	250 kg		
	Power rating	1800 W (peak)		
	UPS system	Resume after power outage		
<hr/>				
<b>Printing process</b>	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		
<hr/>				
<b>Control</b>	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®		
<hr/>				
<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?

Builder 3D Printers  
Smelterij 4  
2211 SH Noordwijkerhout  
The Netherlands

info@builder3dprinters.com  
www.builder3dprinters.com



[facebook.com/builder3dprinters](https://facebook.com/builder3dprinters)



[@builder3dprinters](https://www.instagram.com/builder3dprinters)



[#builder3dprint](https://twitter.com/builder3dprint)



[linkedin.com/company/builder3dprinters.com](https://linkedin.com/company/builder3dprinters.com)

+31 252 74 41 28