



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



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.



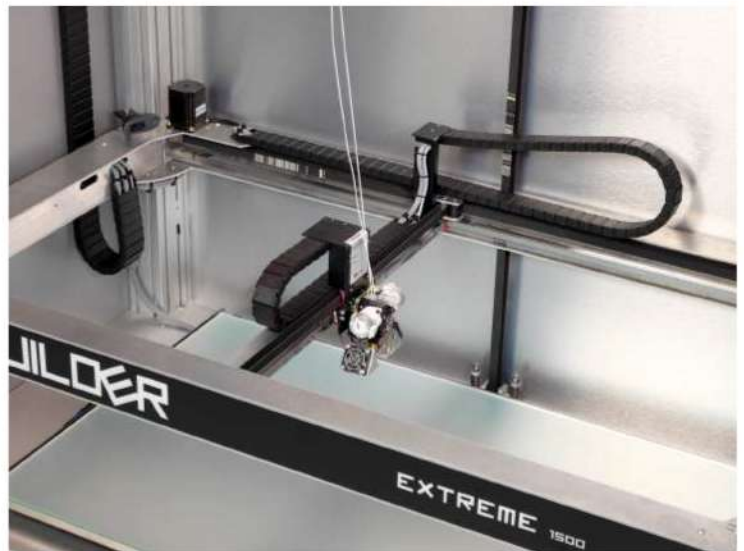


Versatile Dual-Feed extruder

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.

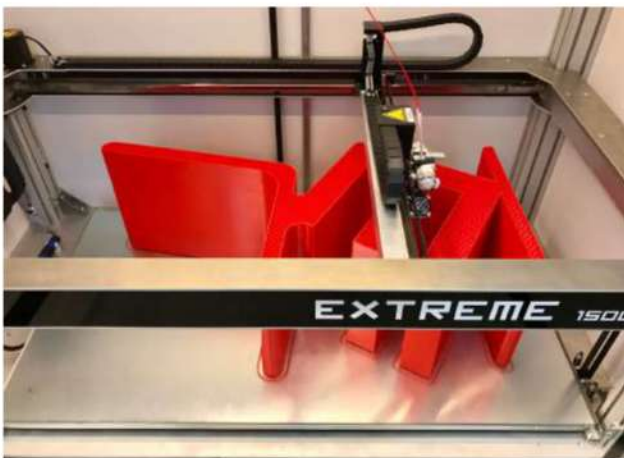
You can lock the screen with a personal code for security reasons.

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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.

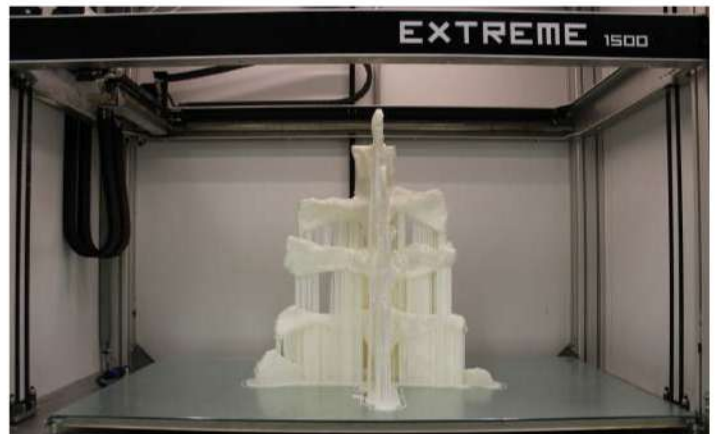
The filament detection ignites when the machine is running out of filament. After refilling the new spool, you can finish the print job.



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.



Key facts	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)

General specifications	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

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

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®



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.



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