

BFB 3000 Plus



Make personal manufacturing a reality.
Affordable, desktop 3D printing in the home,
classroom and office.

The first pre-assembled 3D printer on the market from under £2,000

Desktop-sized machine with large print area (up to 275 x 275 x 210mm)

Option of twin head unit for support material, and
triple head version for experimental projects

Reads directly from SD card - no PC connectivity required

No maintenance contract necessary



BITS FROM BYTES
POWERED BY 3D SYSTEMS

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BFB 3000 Plus

Our best-selling pre-assembled 3D printer - perfect for the office, classroom or home environment.

- Clear and open design.
- Clean, tidy nozzle and purging area - easily removable.
- Can be placed and operated anywhere (with power). Machine runs off SD card, therefore is conveniently stand-alone.

Easy to use and maintain, no need for maintenance contracts.

- One piece heater barrel allows easy material change.
- Improved head to bed adjustment makes for easy maneuvering.

Complemented by BFB Axon 2 software

- Purpose-written software to easily convert your STL files so they're ready for printing.
- Friendly and familiar user interface

Built-in features for simple and cost-effective upgrades.

- Electronics configured to accommodate up to three heads - a single head machine can be easily upgraded to a two or three head unit affordably.
- Free firmware upgrades - benefit from software developments at no extra cost.

Designed and engineered to be accurate and robust, yet simple.

- Extremely rigid, durable frame providing excellent mechanical stiffness.
- Increased z move speed and accuracy.
- Improved ultra-compact extruders deliver material with control and precision.

Join in the ultimate 3D printing experience!

MAXIMUM BUILD SIZE	BFB 3000 PLUS SINGLE	BFB 3000 PLUS DOUBLE	BFB 3000 PLUS TRIPLE
X axis	275mm (10 ¾ inches)	230mm (9 inches)	185mm (7 ¼ inches)
Y axis	275mm (10 ¾ inches)	275mm (10 ¾ inches)	275mm (10 ¾ inches)
Z axis	210mm (7 ¼ inches)	210mm (7 ¼ inches)	210mm (7 ¼ inches)
Please note print size will vary from build size and is dependent on print material specifications			
Z axis resolution	0.125mm (0.005" / 125 microns)	0.125mm (0.005" / 125 microns)	0.125mm (0.005" / 125 microns)
Print tolerance	<ul style="list-style-type: none"> ▪ x and y axis +/- 1% of object dimension or +/- 0.2mm (0.008" / 200 microns) whichever is greater. ▪ z axis +/- half the processed z resolution ▪ Shrinkage and warpage can occur on models and is purely geometry dependent. 		
Print speed extruded volume	Maximum 15mm ³ (9/16th ³) per second print and polymer dependent		
Power requirements	90 Watts (6A @ 15V)		
Approximate weight	36kg (79 Lbs.)	37kg (81.5 Lbs.)	38kg (84 Lbs.)
Overall dimensions	515mm (w) x 515mm (l) x 590mm (h) (20 ¼ x 20 ¼ x 23 ¾ inches)		
Maximum operating temperature at extruder tip	280°C (536°F)		
Support material	Clear translucent PLA		
Support removal	Break away or soluble (hydrolysed in a sodium hydroxide solution in a heated ultrasonic tank – care is required with this option)		

