

# BFB 3000

**Bringing affordable 3D printing to the home, class and business.**

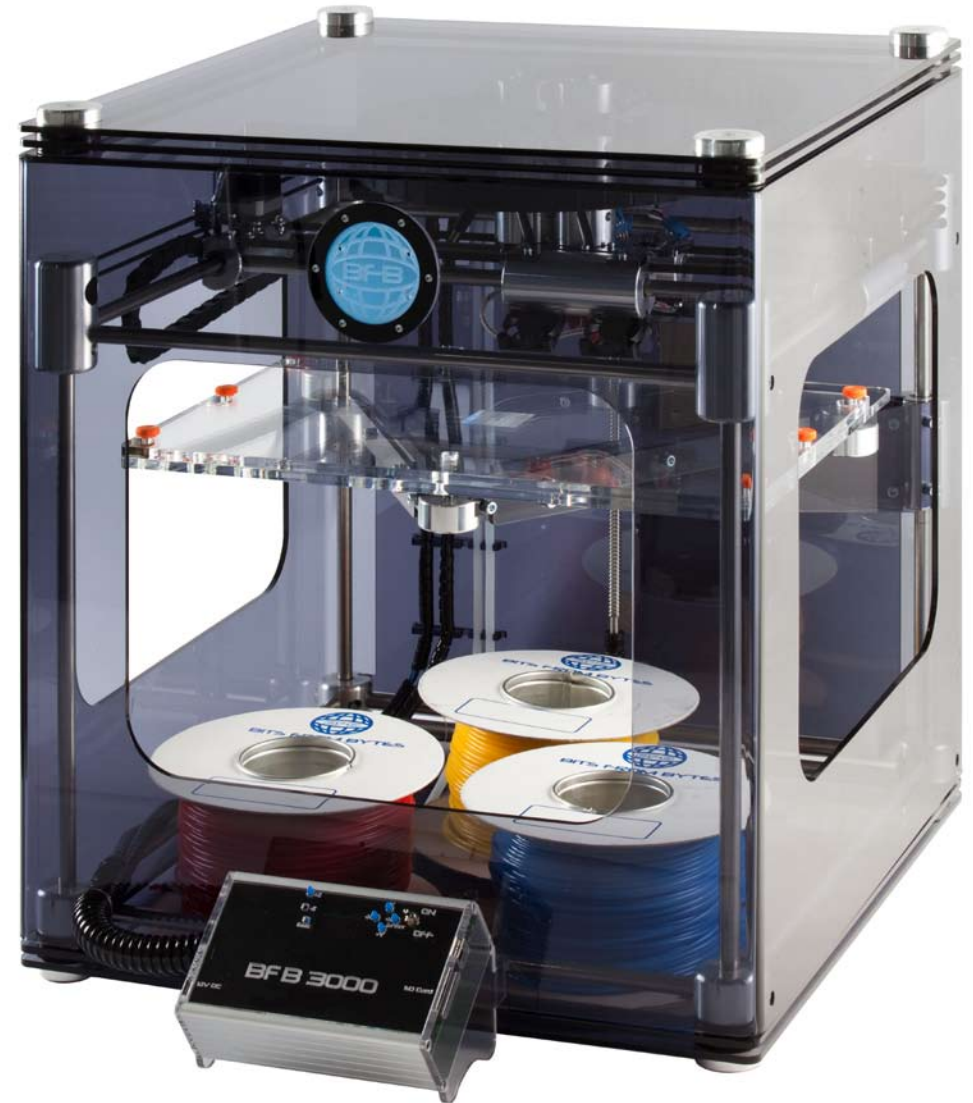
The first fully assembled 3D printer on the market for less than £2,000

A true desk top printer with a large print area

Affordable to run

A rapid prototyper or rapid manufacturer

Option of an additional head for support material or for our developing third head technology



**BITS FROM BYTES**

Unit 17, Hither Green Industrial Estate, Clevedon, Bristol BS21 6XU

Tel +44 1275 873792 Fax +44 1173 150 457

Email [sales@bitsfrombytes.com](mailto:sales@bitsfrombytes.com) Web [www.bitsfrombytes.com](http://www.bitsfrombytes.com)

**Clean and quiet, perfect for the office, class or home environment.**

- Clear and clean open design.
- Clean and tidy nose wipe and purging area which is easily removable.
- Can be placed and run anywhere (with power) as it runs off an SD card and therefore is totally 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 adjustment.

**Complimented by Netfabb BFB Engine**

- Purpose written software to easily fix and then convert your STL files ready for printing.

**Built in features to allow for simple and cost effective upgrades**

- Configured electronics to take three heads, so a single head machine can be easily upgraded to a two or three head machine at affordable prices.
- Free firmware upgrade path, as we develop our software you will benefit at no extra cost.

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

- Extremely rigid, durable frame which increases mechanical stiffness.
- Increased z move speed and elimination of z wobble.
- Improved ultra compact extruders now deliver material with more control and accuracy.

# BFB 3000

| OVERALL DIMENSIONS         | PRINT AREA  | SINGLE HEAD | DOUBLE HEAD | TRIPLE HEAD |
|----------------------------|---|-------------|-------------|-------------|
| Height – 580mm             | X axis  | 320mm       | 285mm       | 198mm       |
| Width – 520mm              | Y axis  | 300mm       | 300mm       | 300mm       |
| Depth – 520mm              | Z axis  | 200mm       | 200mm       | 200mm       |
| Z layer thickness          | down to 0.1mm (100 microns)   |             |             |             |
| X & Y extruder positioning | 0.05mm (50 microns)   |             |             |             |
| Print speed                | Maximum 15mm <sup>3</sup> per second - print and material dependent |             |             |             |
| Extruder Temperature       | Up to 280 oC - material dependent                                   |             |             |             |
| Maximum power              | 60W (5A @ 12V)  |             |             |             |
| Weight                     | 31kg (without materials)  |             |             |             |

