

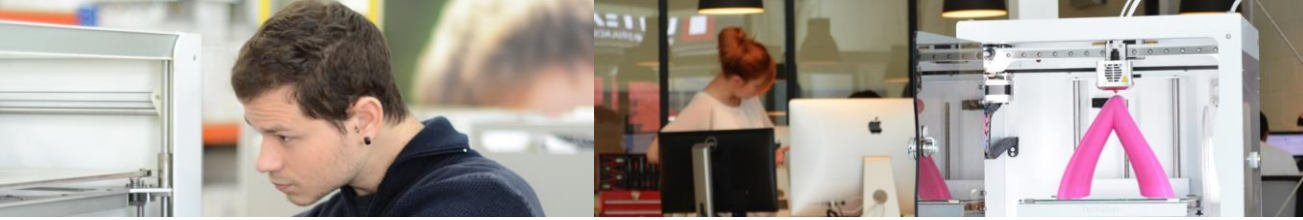
DATASHEET: Tumaker BIGFoot PRO DUAL (DIRECT / PELLETS)



| | BigFoot Pro 500 | BigFoot Pro 350 | BigFoot Pro 200 | | | | | | | | |
|--------------------|--|--|---|-------------------|-------------------|--------------------|-------------------|-------------------|--|--|---|
| | <p>Printing volume: 490x470x500 mm</p> <ul style="list-style-type: none"> Dual: 480x455x500 mm Copy: 245x470x500 mm <p>Printer size: 860x720x810mm</p> <p>Package size: 1006x940x1035 mm</p> <p>Printer weight: 82 kg</p> <p>Package weight: 140 kg</p> | <p>490x470x350</p> <p>480x455x350</p> <p>245x470x350</p> <p>860x720x660</p> <p>1006x940x885</p> <p>75kg</p> <p>120kg</p> | <p>490x470x200</p> <p>480x455x200</p> <p>245x470x200</p> <p>860x720x510</p> <p>1006x940x735</p> <p>68kg</p> <p>100kg</p> | | | | | | | | |
| | <p>Filament: ABS, ASA, NYLON, PET-G, PLA, PP, XT-CF20, TPU, PLA-3D870</p> <p>Pellets: Recommended size circular with 3-5mm diameter</p> <p>Printing speed: Depends on parameters</p> | | <p>Nozzle filament: 0.4 - 0.6 - 0.8 - 1.2 mm</p> <p>Nozzle Pellet: 0.4–0.6-0.8-2.0-4.0–5.0mm</p> <p>Nozzle Temperature: 45°C - 300°C</p> <p>Two temperature control points for Pellet</p> | | | | | | | | |
| | <p>Energy smart Management</p> <p>Power Rating: 950W</p> <p>Noise Level: 44 dB (closed door, 40dB)</p> | | <p>Connected to the Internet</p> <p>Connectivity: USB, Wifi, Micro SD</p> <p>Optional: Ethernet</p> | | | | | | | | |
| | <p>Layer resolution: 10µm</p> <p>Maximum layer height:</p> <table border="0"> <tr> <td>1,2 nozzle: 0,9mm</td> <td>2.0 nozzle: 1.6mm</td> </tr> <tr> <td>0,8 nozzle: 0.6mm</td> <td>4.0 nozzle: 3.3mm</td> </tr> <tr> <td>0,6 nozzle: 0,48mm</td> <td>5.0 nozzle: 4.1mm</td> </tr> <tr> <td>0,4 nozzle: 0,3mm</td> <td></td> </tr> </table> | 1,2 nozzle: 0,9mm | 2.0 nozzle: 1.6mm | 0,8 nozzle: 0.6mm | 4.0 nozzle: 3.3mm | 0,6 nozzle: 0,48mm | 5.0 nozzle: 4.1mm | 0,4 nozzle: 0,3mm | | | <p>Display: 5" color touch screen</p> <p>Control Devices: PC, tablet, Smartphone</p> <p>Control Mode: Web</p> |
| 1,2 nozzle: 0,9mm | 2.0 nozzle: 1.6mm | | | | | | | | | | |
| 0,8 nozzle: 0.6mm | 4.0 nozzle: 3.3mm | | | | | | | | | | |
| 0,6 nozzle: 0,48mm | 5.0 nozzle: 4.1mm | | | | | | | | | | |
| 0,4 nozzle: 0,3mm | | | | | | | | | | | |
| | <p>Heated Bed: 45° - 120°C</p> | | <p>Simplify3D Professional Software</p> | | | | | | | | |
| | <p>Build Plate Leveling:</p> <ul style="list-style-type: none"> Semi-Automatic Manual | | <p>1 Year Limited Warranty</p> | | | | | | | | |

designed and assembled by

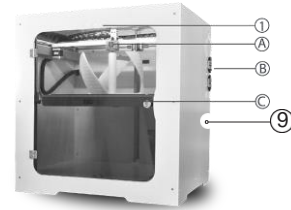




MAIN PARTS OF THE PRINTER

(A) HOTEND

It moves in the X and Y axes by melting the filament of material and depositing it on the platform or heated bed. It has a nozzle that heats up to the required temperature according to the corresponding printing material.



(B) EXTRUDER

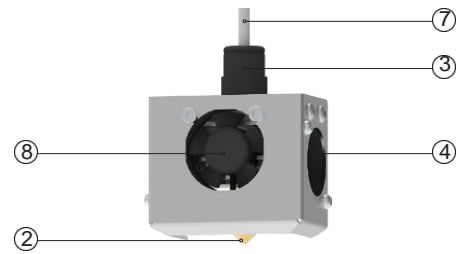
Supplies printing material to the head by extruding the filament. The printer has two extruders to more adequately drag large filament coils.

(C) PLATFORM OR HEATED BED

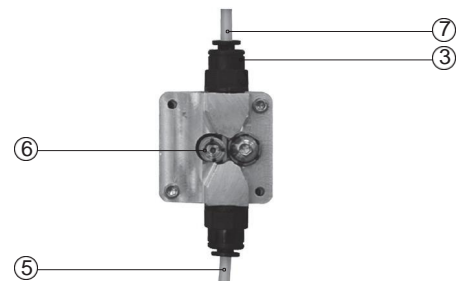
The printing happens on the surface of the platform; this one moves along the Z axis. Depending on the printing material, it must be heated to a different temperature.

The distance between the platform and the nozzle has to be perfectly calibrated for optimum printing.

(A) HOTEND



(B)

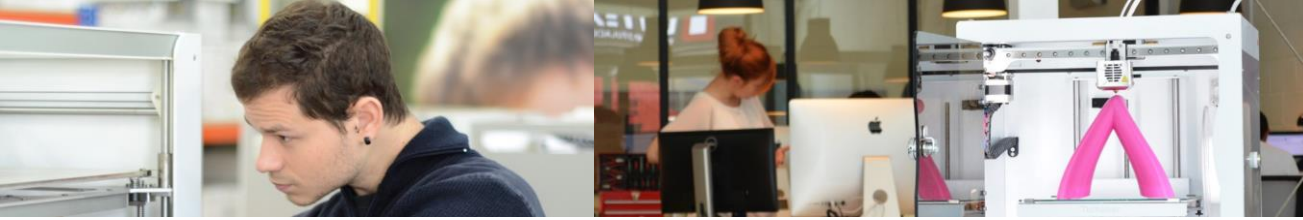


EXTRUDER

Main parts of the printer

- | | |
|-------------------|------------------|
| ① Display | ⑤ Filament input |
| ② Nozzle | ⑥ Drive |
| ③ Connector | ⑦ Bowden tube |
| ④ Layer fan | ⑧ Frontal fan |
| ⑨ Filament sensor | |

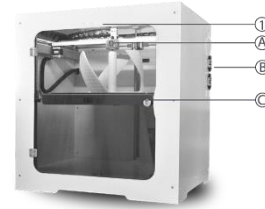




MAIN PARTS OF THE PRINTER

(A) HOTEND

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(B) EXTRUDER

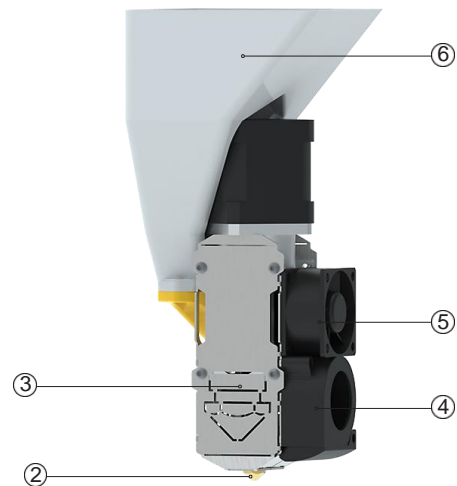
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The distance between the platform and the nozzle has to be perfectly calibrated for optimum printing.

(A) Hotend



Main parts of the printer

- | | |
|-----------|---------------|
| ① Display | ④ Layer fan |
| ② Nozzle | ⑤ Frontal fan |
| ③ Hotend | ⑥ Hopper |

