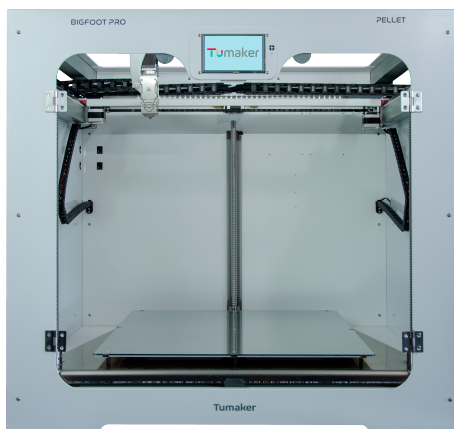




DATASHEET: Tumaker BIGFoot PRO PELLET



BigFoot Pro 500



Printing volume: 500x470x500 mm
Printer size: 860x720x810 mm
Package size: 1006x940x1035 mm
Printer weight: 82 kg
Package weight: 140 kg

BigFoot Pro 350

500x470x350
860x720x660
1006x940x885
75kg
120kg

BigFoot Pro 200

500x470x200
860x720x510
1006x940x735
68kg
100kg



Pellet: (ABS) – (Catamold 316L) – (PA6 + 30% GF) – (PLA) – (PCL) – (ASA) – (PETG) – (PC+PBT) – (PC) – (LDPE) – (PEKK) – (PP) – (PP + 30% CF) – (SEBS) – (Soft TPU Sh18A) – (PEI Ultem) – (Ceramic Al2O3) – (PVC) – (ABS +CF) – (FLEXA 93) – (Wood) – (PA16 + Ferrite) – (PA12 + Neodymium) – (PP + Mineral filler) – (Gilon BK-30) – (PPC 7712) – (SAN) – (PC/ASA) – (PC +20% CF) – (PA66 + 30% GF).



Nozzle Diameter: 0.4–0.6–0.8–2.0–4.0–5.0mm
* Only includes 0.8 mm nozzle
Maximum extruder temperature: 300°C
Two temperature control points



Energy smart Management
Power Rating: 950W
Noise Level: 44 dB
(closed door, 40dB)



Connected to the Internet
Connectivity: USB, Wifi, Micro SD
Optional: Ethernet



Layer resolution: 10µm
Maximum layer height:
0,8 nozzle: 0,6mm 2.0 nozzle: 1.6mm
0,6 nozzle: 0.48mm 4.0 nozzle: 3.3mm
0,4 nozzle: 0,3mm 5.0 nozzle: 4.1mm

Display: 5" color touch screen
Control Devices: PC, tablet, Smartphone
Control Mode: Web



Heated Bed: 100°C



Simplify3D Professional Software



Build Plate Leveling:
Automatic



1 Year Limited Warranty



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.

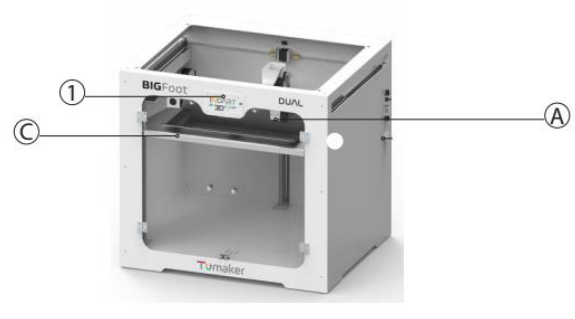
B EXTRUDER

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.

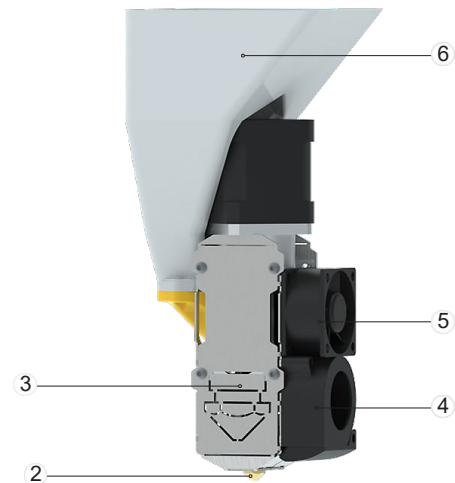
C PLATFORM OR HEATED BED

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



Main parts of the printer

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

