



TECHNICAL SHEET: Tumaker BIGFoot

BIGFoot 500



BIGFoot 350



BIGFoot 200



Printing Volume: 500x500x500 mm
 Printing Size: 750x760x810 mm
 Package Size: 870x890x104 mm
 Printer Weight: 82 kg
 Package Weight: 140 kg

500x500x350 mm
 750x760x660 mm
 870x890x890 mm
 75kg
 120kg

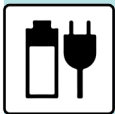
500x500x200 mm
 750x760x510 mm
 870x890x740 mm
 68 kg
 100 kg



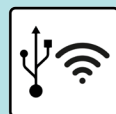
Materials: PLA and others
 Feeder Type: Double EMAXX Bowden extruder
 Print Core Replacement: Fast Change DART ANS
 Build speed: Depends on parameters



Nozzle Diameter: 0.4 - 0.6 - 0.8 - 1.2 mm
 Nozzle temperature: 45°C - 350°C
 Nozzle Heat Up Time: 20°C: 200°C - 1'15" / 250°C - 1'50" / 300°C - 2'35"



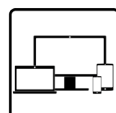
Energy Smart Management
 Power Rating: 950W
 Noise Level: 44 dB
 (closed door, 40dB)



Connected to the internet
 Connectivity: USB, Ethernet / Wifi



Layer resolution: 10µm
 Maximum Layer Height:
 1,2 nozzle: 0,9mm
 0,8 nozzle: 0.6mm
 0,6 nozzle: 0,48mm
 0,4 nozzle: 0,3mm



Display: No
 Control Devices: PC, Tablet, Smartphone.
 Control mode: Web



Heated Bed: 45° - 100°C
 Build Plate Leveling: Manual
 Operating Ambient Temperature: 10°-35°C
 (optimum 20°C)



Software professional Simplify3D



Nonoperating Temperature 5°-45°C
 heatbed heat up time at 20°C:
 40°C - 1'00" / 60°C - 3'15" / 80°C - 7'35" /
 100°C - 13'20"



Limited 1 Year Warranty



MAIN PARTS OF THE PRINTER: Tumaker BIGFoot

Ⓐ HEAD OR 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.

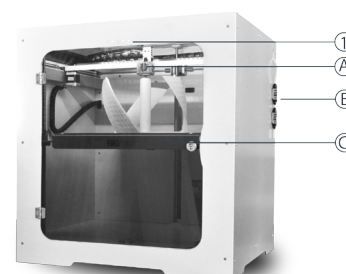
Ⓑ EXTRUDER

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

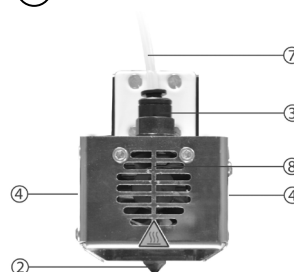
Ⓒ PLATFORM OR HEATED BED

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.

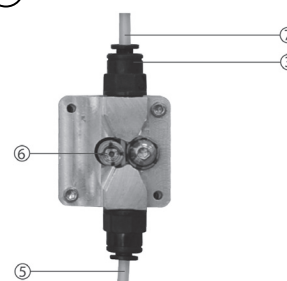
The distance between the platform and the nozzle has to be perfectly calibrated for optimum printing.



Ⓐ HEAD OR HOTEND



Ⓑ EXTRUDER



MAIN ELEMENTS OF THE PRINTER

- | | |
|---------------------|------------------|
| ① Light Indicator | ⑤ Filament input |
| ② Nozzle | ⑥ Drive |
| ③ Straight Adjustor | ⑦ Bowden tube |
| ④ Part Cooling For | ⑧ Front fan |

