

Tumaker



TUMAKER 3D PRINTER

Printing, efficiency and productivity.

Tumaker NX Pro.

Here we have the new **Tumaker NX Pro** 3D Printer. The professional printer with the largest printing area in its category. **A 3D printer with great robustness and the highest reliability in all conditions.**

Its functionality and the integral solutions that distinguish it make it **one of the best 3D FDM printers for professional areas of the market.** And all this at an unprecedented cost.

The SUV of 3D printers

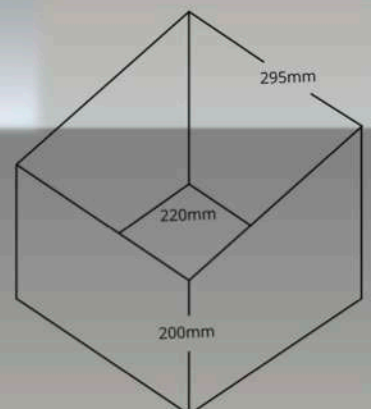
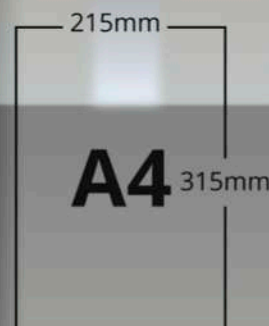
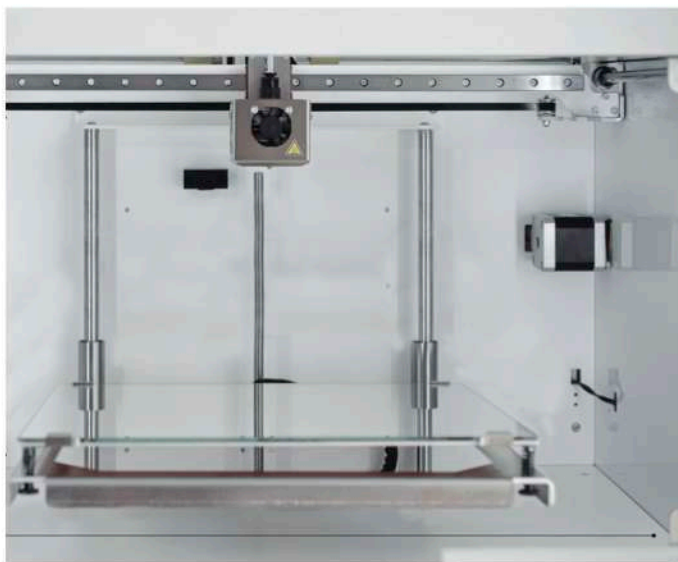
A 3D printer ready for maximum performance in the most demanding conditions. A printer that combines rigidity, reliability, strength and durability. With minimum maintenance we will obtain maximum profitability.

Able to print almost all the materials developed for 3D printing. Its extraordinary characteristics mean that no work is resisted.



We can say that the **Tumaker NX Pro is the 4 x 4 of the 3D printers on the market.** No job is resisted, all work areas are available for the off-road of 3D printers.

A4 + printing area



Tumaker **BIGFoot**

The best-selling large format 3D printer. Now with spectacular news.

The **BIGFoot** is a 3D printer that ensures the highest **efficiency and productivity in your processes**. With the BiG-Foot of Tumaker you can access the world of 3D printing in the best possible way.

Save costs and increase your profitability with the help of the large format 3D printer with greater success in Spain.

Available in three different sizes.



BIGFoot 500



500x500x500

BIGFoot 350



500x500x350

BIGFoot 200



500x500x200

As big as affordable

Tumaker's BIGFoot is more than a 3D printer. We are facing a **large format 3D printing station**. A team that includes all the software and hardware you need.

Do not waste time on adjustments and previous preparations. Invest your work in optimizing your processes thanks to Tumaker's large format 3D printing stations.

Three models that offer you three different sizes. With the same 500 x 500 mm base, you will find three different heights. Choose between the large 200mm, the giant 350mm or the queen of the family with its 500mm.

Double traction and filament sensor

The **Tumaker NX Pro** is a **3D printer designed for the industry**. Therefore, it is the only model in its category that incorporates double traction. The use of the exclusive EMAXX2 extruders from Tumaker, endow it with the greatest traction force distributed strategically. It also incorporates industrial power drivers TB6600 up to 4A, which allows maximum power to be obtained with the best guarantee and reliability.

Thanks to these components, the **Tumaker NX Pro** works with large format coils that will allow

you to significantly increase productivity, avoiding up to 8 filament changes. And all this incorporating an end-of-filament sensor that will pause printing in case the material is depleted and will automatically resume work at the point it stayed, once we have made the reel change. Increase productivity, improve performance, decrease your costs.

Easy and safe



Double traction

For Leonardo Da Vinci, simplicity is the ultimate sophistication, and at Tumaker we have made this event's flag. That is why the **ladora NX + is, without a doubt, the best 3D printer in its category**. We have optimized all those components that influence the direct performance of the equipment. In turn, we have dispensed with all those components that are not vital for operation.

End of filament sensor

For this reason, with the **Tumaker NX Pro 3D Printer you will forget about functionalities and only pay attention to productivity, efficiency and reliability**.

Integral communication

In the **Tumaker NX Pro** we have implemented all those solutions that really make the 3D printer a professional team:

- Double traction
- End of filament sensor
- Integral communication
- Fast exchange of nozzles and security sensor of door detection.

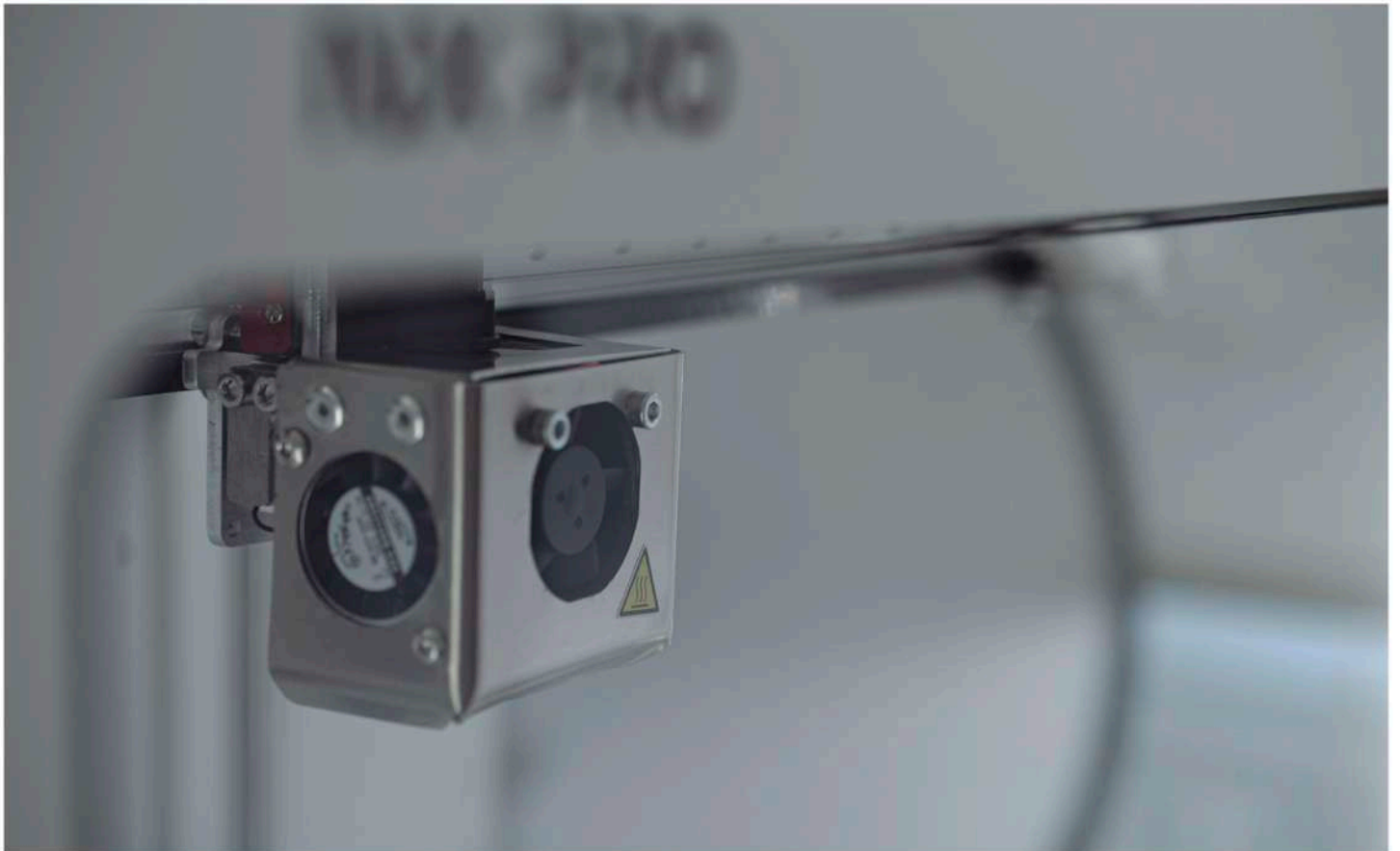
Nozzle exchange

We have also opted for a **double Tumaker E-MAXX 2** extruder that smoothly traces XXL coils of up to 12 kg, while ensuring the manufacture of parts whatever their size.

Productivity + Efficiency = PROFITABILITY

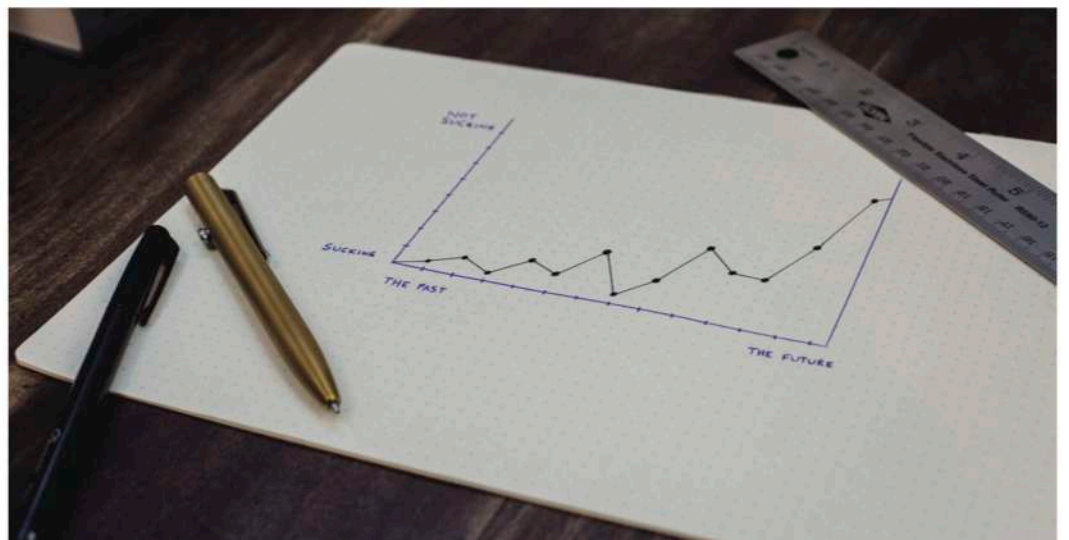
A simple formula In the BIGFoot of Tumaker we have invested our effort so that you get the maximum performance. With a **head that increases heating speed up to 250%**.

With the incorporation of the new high **precision ball screws that allows us to increase the speed of movement**. A 45 mm aluminum structure that ensures the greatest possible stability.



But a **professional 3D printer** must be integrated into a productive environment. For this reason we have optimized the size of the structure to minimize its volume without giving up the print size.

And let's not forget security, that's why we include the top cover and the front with security lock.

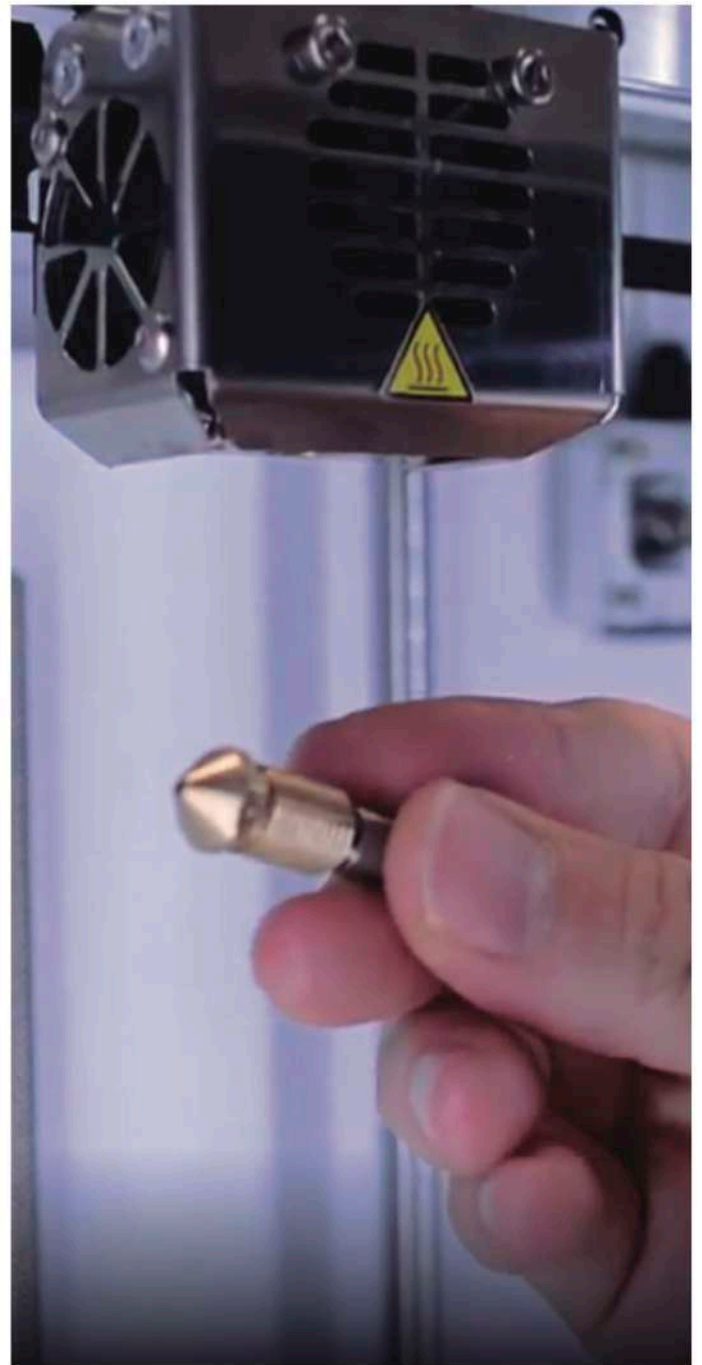
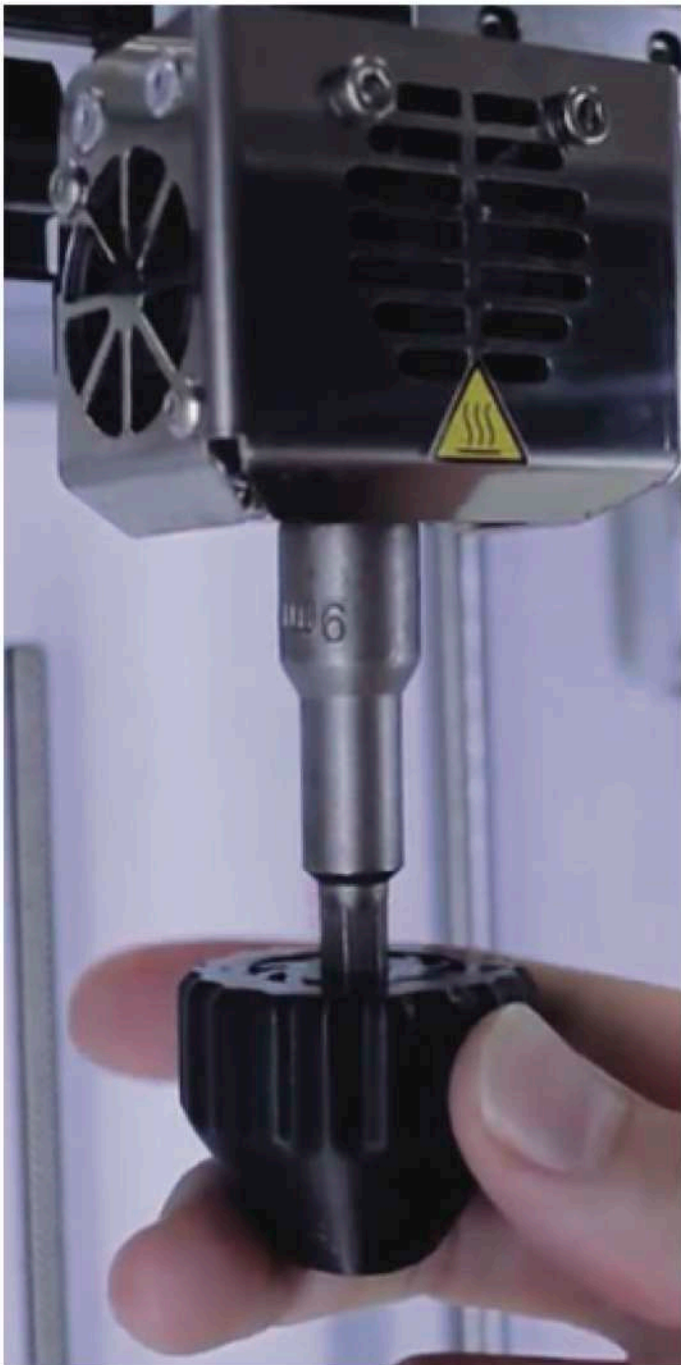


Print Quality as the first day

High performance details, They do matter.

The **Tumaker NX Pro** has the exclusive ANS ultra-fast nozzle change system. Thanks to this technology, the **Tumaker NX Pro can work with nozzles from 0.2 mm to 1.2 mm in an efficient, simple and economical way.**

In addition, its components manufactured and assembled in Europe give this equipment maximum reliability and productivity, always printing as the first day. Save on unproductive maintenance times and ensure the repetitiveness of your work.





TUMAKER Printernet. The true Industry 4.0



If it is not connected, it is not Industry 4.0. In Tumaker we have it very clear. For this reason we include the exclusive Tumaker Printernet technology.

Thanks to it, **your 3D printer will be fully integrated into your productive environment.**

You can share your printer managing manufacturing resources in an efficient and fully collaborative way. Industry 4.0 is based on the connectivity and digitalization of processes.

Do you know any **really** connected 3D printer? Tumaker BiGFoot 3D printing stations incorporate the exclusive **Tumaker Printernet** technology. Connected 3D printers,

the only system that ensures you can have production within your reach from anywhere in the world. Finally, a true 3D printer for Industry 4.0

Connected to work in a team

If you are looking for a cheap 3D printer, **we are not your choice. If you are looking for a reliable, different, efficient product that ensures constant productivity, we are your safest choice.**

Tumaker 3D printers incorporate the best professional software in the world and technological innovations that differentiate them from the rest.

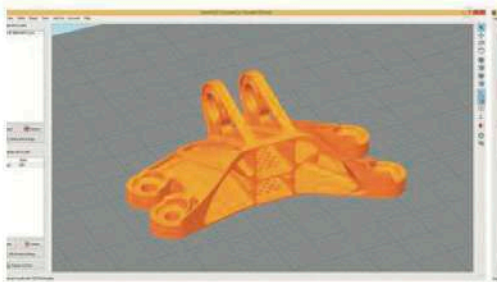
Thus, the exclusive Tumaker Dar Flux head is the only one on the market that offers a variable diameter that is easily accessible. A technology that makes the difference.



The best integrated professional software Professional software to do More and Better.

Simplify3D professional manufacturing software is one of the most advanced in the market. The **Tumaker NX Pro includes a perpetual license thereof**. Because a professional printer is only conceived using professional software.

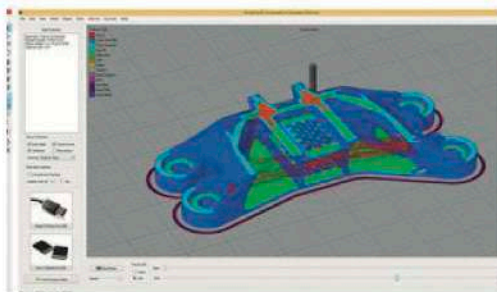
Thanks to Simplify3D, we will get more complex objects and high quality resolutions. Thanks to Simplify3D, we will be able to create more advanced media, easy to remove and with a global optimization of printing times.



An intuitive, visually simple software that will help you increase the productivity of your systems. Once you have tried Simplify3D you will not want to work with any other.

The only software on the market that offers you an integral management of your projects.

Tumaker 3D printing stations include the Simplify3D™ professional manufacturing suite.



A software with advanced features and optimized to create more complex objects and with more quality. It includes a powerful simulator to make you more productive, visualizing the result of the printing strategy you are working on before you start manufacturing.

You can repair the imported designs in the same **simplify3D** and you will love the smart support option.



A spectacular functionality with which the software will create the right support for the most complex parts or give you the possibility to remove or add support wherever you want and how you want.

A support so easy to remove that you will not want to use another, ever.



NX Pro

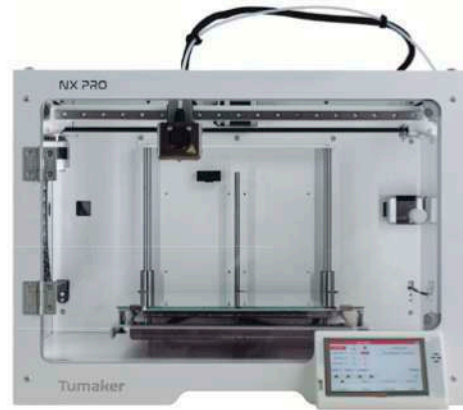
Printing Volume
295x220x200 mm

Package Size
605x501x500 mm

Package Weight
30 kg

Printing Size
550x440x410 mm

Printer Weight
32 kg



Materials:

ABS, ASA, NYLON, PET-G, PLA,
PP, XT-CF20, TPU, PLA-3D870

Printing speed: Depends on parameters

Nozzle

Nozzle Diameter: 0.2 – 0.4 – 0.6 – 0.8 – 1.2 mm

Nozzle Temperature: 45°C – 300°C

Nozzle Heat Up Time: 20°C: 200°C – 1'15" / 250°C
– 1'50" / 300°C – 2'35"

Resolution

Layer Resolution: 10µm

Maximum Layer Height:

0,8 nozzle: 0.64mm

0,6 nozzle: 0,48mm

0,4 nozzle: 0,3mm

0,2 nozzle: 0,16mm

Warm bed

Heated Bed: 45° – 150°

Build Plate Leveling:

-Semi-Automatica

-Manual

Energy

Energy Smart Management

Power Rating: 500W

Noise Level: 44 dB (closed door, 40dB)

Compatibility

Display: No

Control Devices: PC, tablet, Smartphone.

Control Mode: Web

Software

Simplify3D Professional Software

Warranty

1 Year Limited Warranty

Connectivity

Connected to the Internet

Conectivity: USB, Wifi

BIGFoot 200

Printing Volume
500x500x200 mm

Printing Size
750x760x510 mm

Package Size
870x890x740 mm

Printer Weight
68 kg

Package Weight
100 kg



Materials:

PLA, ABS, PETG, PP, Nylon and others
Feeder Type: Extrusor Doble EMAXX
Print Core Replacement: Fast Change DART ANS
Build speed: Depends on parameters

Nozzle

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"

Resolution

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

Warm bed

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

Energy

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

Compatibility

Display: Yes
Control Devices: PC, Tablet, Smartphone
Control mode: Web or SD card

Software

Simplify3D professional software

Warranty

Limited 1 Year Warranty

Connectivity

Connected to the internet
Connectivity: USB, Ethernet / Wifi

BIGFoot 350

Printing Volume
500x500x350 mm

Package Size
870x890x890 mm

Package Weight
120 kg

Printing Size
750x760x660 mm

Printer Weight
75 kg



Materials:

PLA, ABS, PETG, PP, Nylon and others
Feeder Type: Extrusor Doble EMAXX
Print Core Replacement: Fast Change DART ANS
Build speed: Depends on parameters

Resolution

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

Energy

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

Software

Simplify3D professional software

Nozzle

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"

Warm bed

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

Compatibility

Display: Yes
Control Devices: PC, Tablet, Smartphone
Control mode: Web or SD card

Warranty

Limited 1 Year Warranty

Connectivity

Connected to the internet
Connectivity: USB, Ethernet / Wifi

BIGFoot 500

Printing Volume
500x500x500 mm

Package Size
870x890x104 mm

Package Weight
140 kg

Printing Size
750x760x810 mm

Printer Weight
82 kg



Materials:

PLA, ABS, PETG, PP, Nylon and others
Feeder Type: Extrusor Doble EMAXX
Print Core Replacement: Fast Change DART ANS
Build speed: Depends on parameters

Resolution

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

Energy

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

Software

Simplify3D professional software

Nozzle

Nozzle Diameter: 0.4 – 0.6 – 0.8 – 1.2 mm
Nozzle temperature: 45°C – 350°C
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Warm bed

Heated Bed: 45° – 100°C
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Operating Ambient Temperature: 10°-35°C (optimum 20°C)
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heatbed heat up time at 20°C: 40°C – 1'00" / 60°C
– 3'15" / 80°C – 7'35" / 100°C – 13'20"

Compatibility

Display: Yes
Control Devices: PC, Tablet, Smartphone
Control mode: Web or SD card

Warranty

Limited 1 Year Warranty

Connectivity

Connected to the internet
Connectivity: USB, Ethernet / Wifi



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