

Discover the real
**LARGE FORMAT
ADDITIVE MANUFACTURING**

Discovery 3D Printer

INDUSTRIAL 3D PRINTING SOLUTIONS · High performance · Reliability · Cost savings



Discovery 3D Printer

FFF technology

- > Industrial productivity with high quality
- > Large printing volume
- > Easy of use
- > Self-leveling bed that **AUTOMATICALLY** compensates for small unevenness during printing.

Industrial 3D printer with FFF technology able to face the most demanding jobs in the industry 4.0. With double extrusion system that can be used to manufacture the support material and the parts with different materials and colors. Designed to withstand long-term jobs on large parts using technical plastics. You can use all materials in the market that follow the standard 1.75 mm. It's quality/price ratio, taking into account the printing volume (1100x750x500mm), is one of the most competitive in the 3DP market.

100% Made in Spain
100% designed, developed and manufactured in the facilities of CNC Bárceñas.

FFF Technology
Capable of dealing with the most demanding jobs in industry 4.0. With double extrusion system and end of material detection system.

Materials
Work with PLA, ASA, ABS, PA, HIPS, 3D850, PETG. ABS Medical, ABS Hi...

Universal
All filaments in the market compliant with 1.75 standard.

Cabin and Table
Fully enclosed cabin. Optional: Cabin heating system up to 60°C, with temperature control to maintain it stable during the printing process. Warm bed (up to 125°) with SELF-LEVELING for the most demanding materials.

Large Work Area
Large parts with its large printing volume 1200x850x500 mm (x,y,z).

Extruder
400° extruder.

Software
Comfortable program with network access for easy and simple operation.



Motorcycle mudguard.
140 x 530 x 200 mm.
*Printed by Silence Scutum

Prototype.
160 x 420 x 40 mm.

Battery cover.
300 x 260 x 60 mm.
*Printed by Silence Scutum

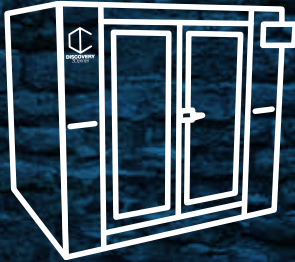
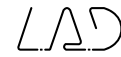
Wrench.
270 x 1000 x 100 mm.

Fan.
Ø 700 mm.

Cogwheel.
Ø 60 mm.

Engine Block: Premium PLA. 100x60x50 cm. and 5,5 Kg.

Some customers of our 3D printing technology



technical specifications

Discovery 3D Printer

Dimensions

Printing measures (X Y Z) 1200x850x500
 Maximum measures (+Chiller) 1880x1550x1750

Weight

300 Kg.

Cabin

Fully enclosed cabin.
 Optional: Cabin heating system up to 60°C, with temperature control to maintain it stable during the 3D printing process.

Table

Heated up 1125° with SELF-LEVELING

Power Supply

240 v

Productivity

Technology FFF
 Work load <80 gr/hour
 Max. extrusion temperature 400°
 Speed Up to 300 mm/s
 Layer (minimum) 0,1 mm

Servodrivers

Panasonic®

SW

Open-source printing profiles.

Network

Ethernet

CE Mark

Yes

Warranty

Warranty policy on the website



INDUSTRIAL STANDARD
 CLASSIFICATION CODE
 08-A-284-13020079

CONTACT US FOR MORE INFORMATION AND WE WILL STUDY YOUR CASE CUSTOMIZED



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