

Discover the real
**LARGE FORMAT
ADDITIVE MANUFACTURING**

Discovery 3D Printer

COMPACT

DIRECT PELLET EXTRUSION IN COMPACT FORMAT

High performance · Reliability · Cost savings



DIRECT plastic PELLET extrusion

Discovery 3D Printer **COMPACT**

- > All the benefits of direct pellet extrusion in a compact format 3D printer.
- > High-speed printing and costs reduction.
- > Self-leveling bed that **AUTOMATICALLY** compensates for small unevenness during printing.

We have downsized our advanced direct pellet extrusion technology into a smaller but high performance industrial 3D printer. It keeps all the advantages of our large format Super Discovery 3D Printer, which allows to significantly lower the costs, increase production and reduce printing time.



100% Made in Spain

100% designed, developed and manufactured in the facilities of CNC Bárcenas.



Use of Pellet

The **Discovery 3D Printer Compact** works with direct pellet extrusion technology.



Materials

It allows to use any thermoplastic such as ABS, ABS CF, PC CF, PPE CF, 3D850, ASA...



Universal

Automatic pellet feeder there is no limitation on the quantity of material or therefore in the weight of the pieces.



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.



Printing Volume

1100x750x500 mm.



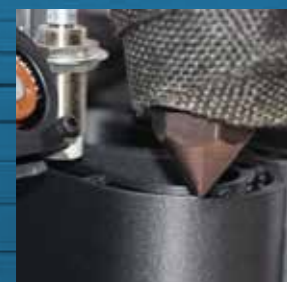
Extruder

Up to 400° extruder.



Software

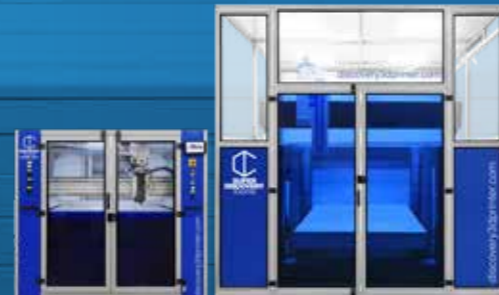
Comfortable program with network access for easy and simple operation.



High quality printing by direct extrusion of pellets



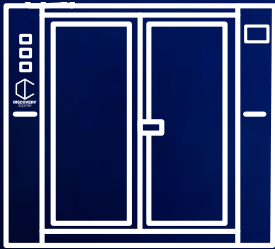
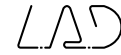
Automatic pellet feed, allowing unlimited printing of material



All the benefits of direct pellet extrusion in a compact format 3D printer

discovery3dprinter.com

Some customers of our 3D printing technology



technical specifications

Discovery 3D Printer **COMPACT**

Dimensions

Printer 1800x1500x2300
Printing volume (X Y Z) 1100x750x500
Custom manufacturing according to customer's requirements.

Weight

450 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 125°
with SELF-LEVELING

Power Supply

240 v

Productivity

Technology Pellet
Work load Up to 3 kg/hour
Max. extrusion temperature 400°
Speed Up to 100 mm/s
Layer (minimum) 0,5 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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