

Discover the real
**LARGE FORMAT
ADDITIVE MANUFACTURING**

Super Discovery 3D Printer

INDUSTRIAL 3D PRINTING SOLUTIONS

High performance · Reliability · Cost savings



DIRECT plastic **PELLET** extrusion

Super Discovery 3D Printer

- > **Larger dimensions and more production**
- > **High-speed printing**
- > **Costs reduction**
- > **Self-leveling bed that AUTOMATICALLY compensates for small unevenness during printing.**

It has been developed as a solution to the need of industry 4.0 to be able to manufacture large format pieces. Works by directly extruding the pellets, which lowers the manufacturing cost and makes it possible to increase production. We can make a special tailor-made manufacturing project, oriented to the manufacture of large format pieces for large industry 4.0.



100% Made in Spain

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



Use of Pellet

The Super Discovery 3D 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.



Table

Fully closed chamber and warm bed (up to 175°) with SELF-LEVELING for the most demanding materials.



Customized Work Area

Factory configuration is 1.3 x 2.5 x 1 m., but can be customized for any need of the big industry.



Extruder

450° extruder.

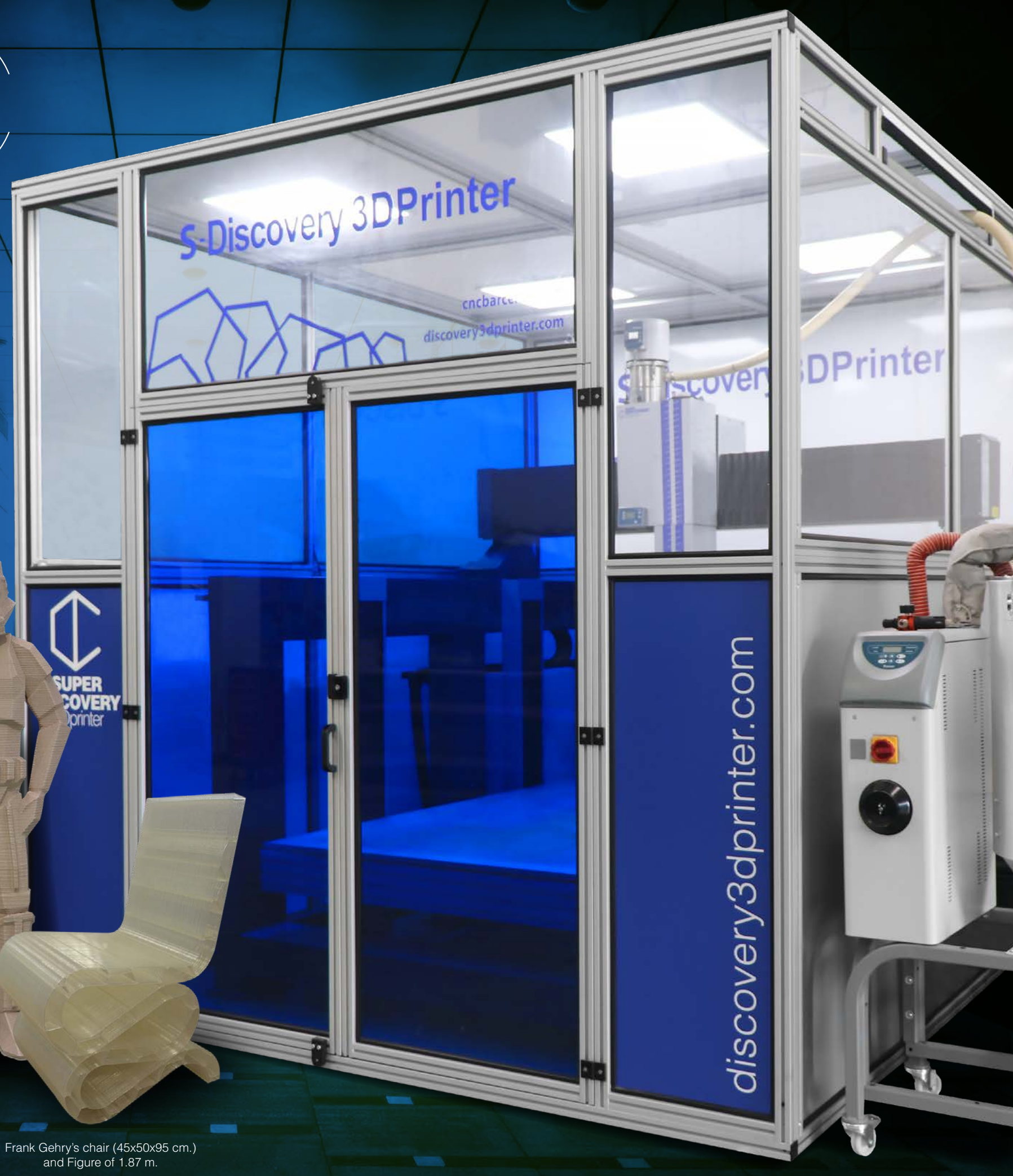


Software

Comfortable program with network access for easy and simple operation.



Frank Gehry's chair (45x50x95 cm.)
and Figure of 1.87 m.



Customers



Modular toilet structure.
2,20x1,70x1,20 m.
*Printed by Navantia



Trapdoor.
500 x 1620 x 220 mm.
*Printed by CAF according to norm
EN45545 R1.



Real-size car tires.
ABS CF. Ø 440 mm.



Rocker cover. ULTEM CF.
210 x 370 x 130 mm.
*Printed by Navantia



technical specifications

Super Discovery 3D Printer

Dimensions

Printer	2000x3590x3000
(+hopper & electrical cabin)	1300x2500x1000
Printing Volume (X Y Z)	

Weight

1200 Kg.

Cabin

Closed

Table

Heated up 175°
with SELF-LEVELING

Power Supply

400 v

Productivity

Technology	Pellet
Work load	<6 kg/hour
Max. extrusion temperature	450°
Speed	Up to 200 mm/s
Layer (minimum)	0,5 mm

SW

Simplify 3D

Network

Ethernet

CE Mark

Yes

Warranty

2 years (defective parts)



INDUSTRIAL STANDARD
CLASSIFICATION CODE
08-A-284-13020079

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



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