
P 600 PELLET 3D PRINTER

Large Format – Pellet Extruder

DESIGNED BY
FUSED FORM

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P600

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OUR VALUE PROPOSITION

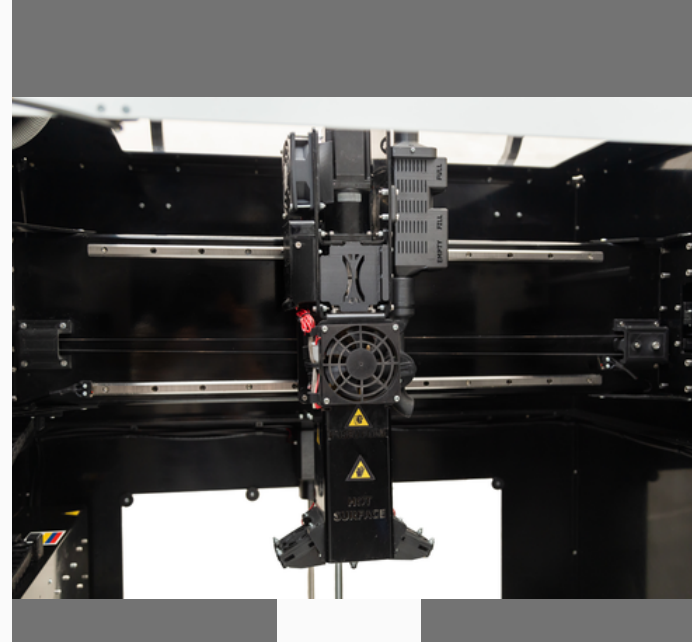
Thanks to our **careful selection** of extruder screw size, our machines offer a perfect match between both filament and pellet 3D Printing worlds: high printing speeds, low material cost, high versatility in materials, colorants and additives, and **great** printing quality

ENCLOSED

The enclosed system helps print high warping materials, enabling even more its material possibilities

KEEP IT SIMPLE, HIGH PERFORMING

Our machines have been carefully designed for high component packaging (low overall machine volume), high systems simplicity (easy operation and maintenance), high performance and reliability.



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General specifications	
Effective printing volume:	60 x 60 x 60 cm
Machine dimensions (W x D x H):	105 x 90 x 180 cm
Weight:	150 kg
Speed:	200 mm/s

Temperature	
Max bed temperature:	120°C
Extruder maximum temperature:	450°C

Extruder characteristics	
Industrial screw diameter:	12mm and 16mm
Screw and barrel material:	38CrMoAIA
Nozzle output diameter:	Interchangeable nozzles of: 0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.75 mm Adaptable for other nozzle diameters
Sensors:	*Pellet runout detection *Automatic pellet feeding system
Throughput:	400 gr/hr. *May increase according to melt flow index of material *May vary according to nozzle diameter and material flow

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Power Requirements	
Power Requirements - 3D Printer:	208V AC 50/60Hz 1.500W
Power Requirements - Air Compressor:	110V AC 50/60Hz 3.000W Independent connector

Includes	
Wifi:	Remote printer control and monitoring by camera via Octoprint
Slicer:	Simplify 3D (license included), Cura
Support:	Unlimited assistance via email or virtual conference.

P 6000 3D PRINTER



Enclosure system


Automatic Pellet Feeder

Interchangeable Nozzles

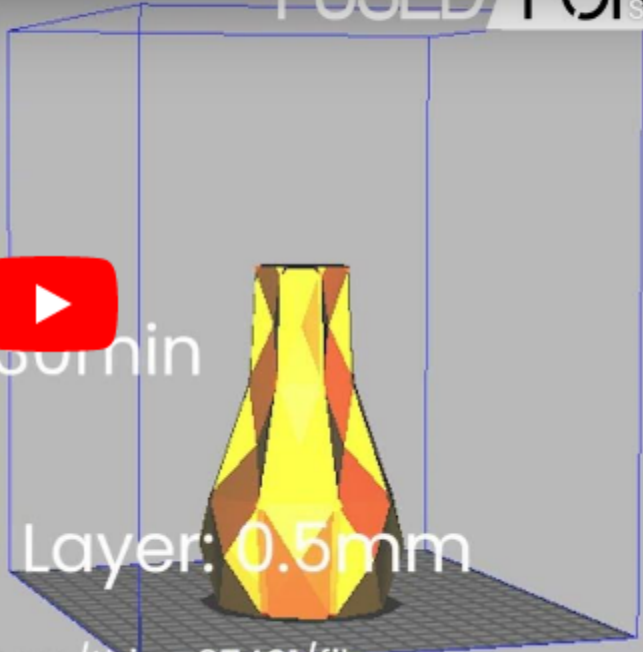
Print Vol:
60*60*60cm

Pneumatic system


SEE IT 3D PRINTING


 Large format SAN Pellet 3D printing with 3D Printer FF- P600

3D Printing



- *SAN Pellets
- *Duration: 4 hrs 30min
- *Height: 40cm
- *Nozzle: 1.5mm - Layer: 0.5mm

Watch on  YouTube www.thingiverse.com/thing:97401/files

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Empowering Bright *ideas*