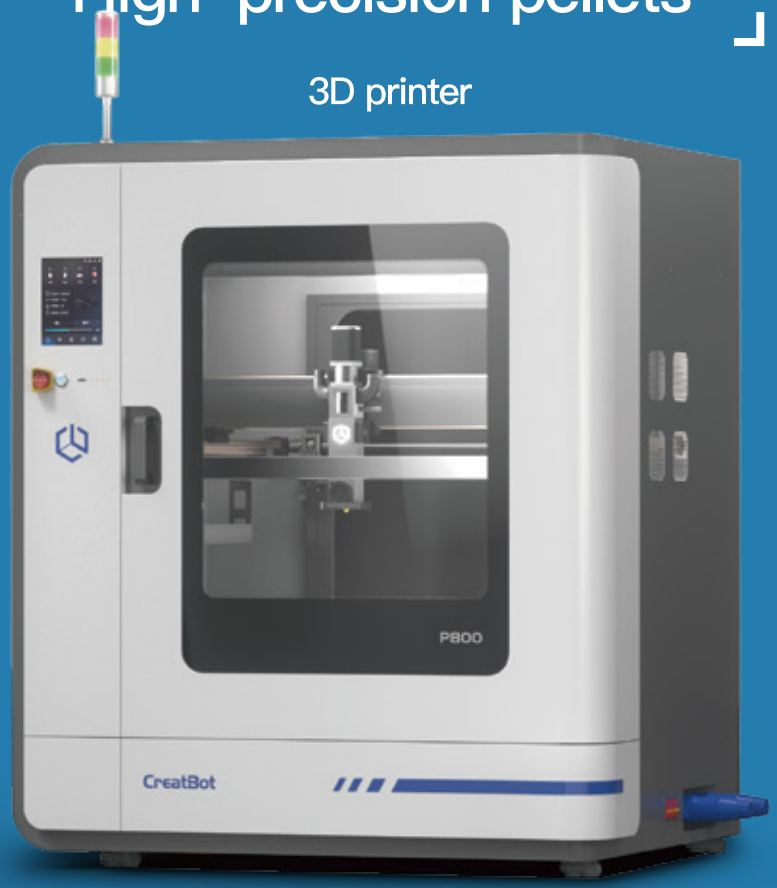
P800

High-precision pellets 3D printer



01 High-precision silk-smooth extrusion screw

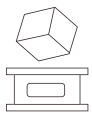
02 Polymer composite fiber materials

03 Three-zone ring smart heating

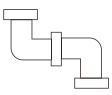
04 Vacuum adsorption platform

05 70°C high temperature chamber

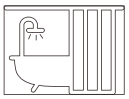

Curtain wall


Sculpture

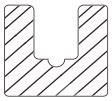

Furniture


Pipeline


Prototype


Bathroom


Blister


Mold

Technical Specs

Model	P800	Maximum flow	3kg/h
Printing Technology	FGF pellets	Printable materials	PLA/ABS/PC/PA/PLA-CF/ABS-CF /PA-CF/PC-CF|ASA/PETG/EVA /PPS/PETG-GF/PPS-GF
Build Volume	800*800*800mm	Hopper volume	18L
Overall dimensions	1450*1230*1680mm	Feeding method	Automatic pneumatic loading
Machine weight	430kg	Compressed air pressure	0.6MPA
Max. Nozzle Temperature	400℃	Power supply	Dual circuit 220V
Nozzle heating method	Three-zone ring smart heating	Air filtration	HEPA+ carbon filtration
Workbench temperature	≤120℃	Printing method	USB/WIFI
Workbench contact surface	Vacuum adsorption	Slice format	STL OBJ AMF
Vacuum pump vacuum degree	-0.55 ~ -0.85bar	Rated power	9000W (6000W of which is cavity heating)
Cavity heating	≤70℃		
Nozzle diameter	0.8-3mm		
Pellets diameter	1-5mm		