

Product specifications

Pam Series MC is a 3D printer dedicated to the manufacturing of metal and ceramic parts using industrial pellet shape feedstock. It is the most versatile 3D printer enabling to handle the widest variety of materials to create functional parts.

- Full setup control
- Most profitable PIM-Like solution
- No volatile powders for no health risks
- Multi-material
- Same PIM post-processing
- Compatible with thermoplastics

General specifications	3D printing process	Pellet additive manufacturing (PAM)
	Number of extruder	2
	Physical Dimensions	Ø 834 x H 925 mm - 95 Kg
	Maximum print volume	Ø 300 x H 300 mm
	Power	3200 W
	Power requirements	230 V ~ 8 A - 50Hz - IEC 60320 type C20
Print head	Nozzles sizes	Ø 0.25 - 0.40 - 0.60 - 0.80 - 1.00 - 1.20 mm
	Printing resolution (layer height)	40 µm - 1.2 mm
	Maximum extrusion temperature	450°C
	Maximum print bed temperature	150°C and 250°C in options
	Maximum heating room temperature	80°C
	Maximum local radiant disc temperature	300°C
Materials	Grades	Injection moulding pellet grades
	Compatible materials	Metal & Ceramic feedstocks, Thermoplastics & TPEs
	Maximum viscosity	6000 Pa.s at negligible shear and process temperature
	Granulometry	Head cutting, cold cutting
	Pellet size	2 - 4 mm
	Supplier	Open
Software	CAD solution	Open (not supplied)
	Slicing	Cura by Pollen AM
	Control software	HoneyPrint
	Network communication	Ethernet protocol

No special facilities needed

You can install a Pam 3D Printer just about anywhere. No access to gaz, air or fluids is required.

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