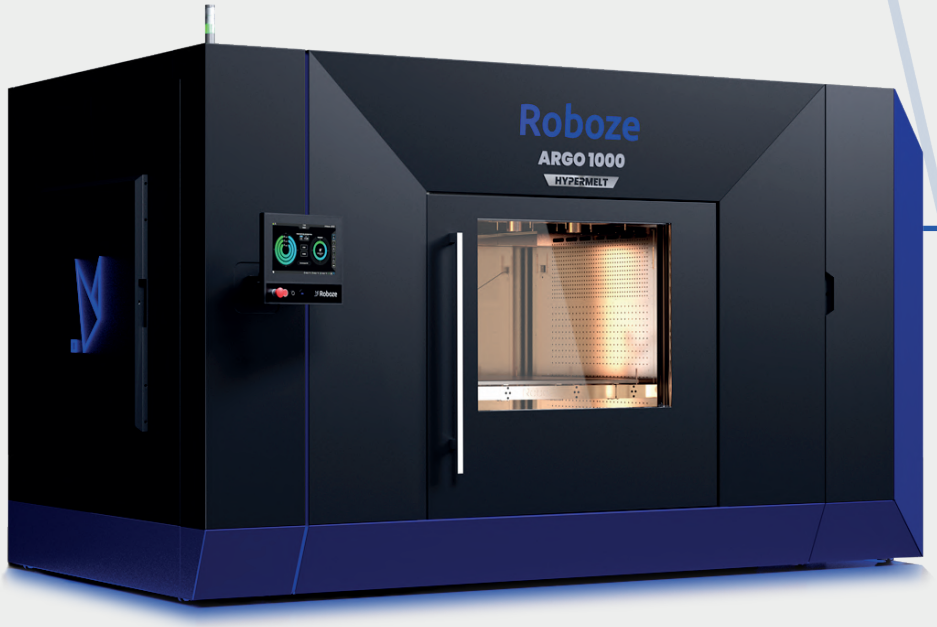

Roboze ARGO 1000

Dimensions

External	(X)4500 mm x (Y)2350 mm x (Z)2150 mm / 177.2in x 92.5 in x 84.6 in
Build volume	(X)1000 mm x (Y)1000 mm x (Z)1000 mm / 39.4 in x 39.4 in x 39.4 in
Machine Weight	4500 kg / 9920 lb

Materials

*under developement

SUPER POLYMERS:	PAEK*	CARBON PEEK	ULTEM™ 9085	PEI GF*
TECHNO POLYMERS:	CARBON PA PRO	TOOLING X CF*	ELASTOMERS*	
COMMODITIES:	STRONG ABS-Red	ABS CF*	PP GF*	

Printing process

Hypermelt technology based on pellet extrusion
Heated chamber: up to 180°C
Extruder temperature: up to 450°C
Flowrate up to 2 kg/h; the flowrate depends on material and nozzle size
Idex process: part can be duplicate in the same job
Dual Extruder for modeling and support materials

	Printing profiles available: Quality and Production; additional sizes are available under evaluation and development
	Easy management of printing parameters, customizable according to the material
	Components, consumables and process data live monitoring and recording
	Remote control
Electrical requirements	400Y/230 VAC, 50/60 Hz, 3PH+N+PE, 50A (Solidly Grounded Wye System Only) Electrical transformer is needed for the US market Average power absorbtion : 12kW Value extrapolated during a Carbon PA PRO print
Slicing software	SlizeR
Communications	USB output type A
	WiFi
	Ethernet connection

Roboze
PRINT STRONG LIKE METAL

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