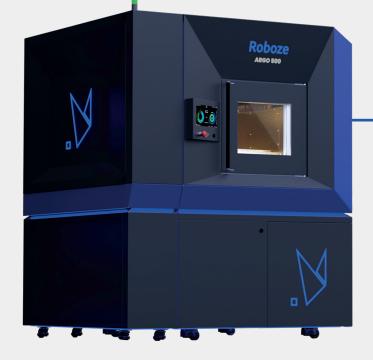
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Roboze ARGO 500

Dimensions	External	(X)1935x(Y)1436x(Z)2375 mm / 76,2x56.5x93.5 in	
	Build volume	(X)500x(Y)500x(Z)500 mm / 19.7x19.7x19.7 in	
	Optional build volume	(X)300x(Y)250x(Z)500 mm / 11.8x7.9x19.7 in	
	Shipping Box	(X)2100x(Y)1700x(Z)2430 mm / 87.8x68.9x96.9 in	
	Machine Weight	1500 kg / 3306 lb	
Accuracy	XY:10μm / 393.70 μin	Z:25 μm / 984.25 μin	
Resolution	Quality Profile:0.225 mm / 0.009 in	Speed Profile:0.300 mm / 0.012 in	
Electronics	nics High Precision Brushless Motors		
	11" Display touch screen		
	Power Absorbed: 10.5 kW Machine max + 1 kW per Dryer		
	Current consumption: 21 A max		
	Heating resistances: 7.2 kW		
	Dryers: up to 4 x 1 kW		
	Heated chamber up to 180 °C / 356°F		
	Electrical Supply: - Europe: 15 kVA / 400 V AC / 50 Hz - America: 15 kVA / 400 V AC / 60 Hz		

Connector: IEC 60309, 32 A (3P+N +PE / 6H)* *The American connectors are provided as needed, according to specific conditions ROBOZE DATA SHEET

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Materials	PEEK	CARBON PA	PP	
	CARBON PEEK	FLEX-TPU	PC-LEXAN™ AMHI240F	
	HELIOS™ PEEK 2005	FUNCTIONAL-NYLON	ULTRA-PLA	
	ULTEM™ AM9085F	STRONG-ABS	ABS-ESD	
	SOLUBLE SUPPORT	BREAKAWAY SUPPORT		
Printing process	High thermal efficiency extrusion block			
	Extrusion temperature up to 500 °C / 932 °F			
	Double Extruder - Nozzle: 0.4 mm and 0.6 mm / 0.016 in and 0.024 in			
	Automatic continous material feeding system			
	Automatic Double Extruder calibration			
	Filament monitoring			
	Easy management of printing parameters customizable according to the material			
	Print functionality management based on the active user profile			
	Components, consumables and process data live monitoring and recording			
	Remote control			
	Compressed air cooling system			
	Automatic filament loading			
General mechanics	High performance structure made of aluminium bars and steel cover			
	System with precision balls linear bars in ground steel			
	Mechatronic movement of X and Y axes with C5 hardened helical rack and pinion			
	Z movement with a system of precise C6 ball screw			
	Mobile components and aluminium supports from CNC mechanical precision machining			
	Vacuum system for the adhesion of the polymeric films			
	Build plate auto-leveling			
	Door lock security system			
	N. 4 HT Dryer integrated with temperatures up to 120 °C / 248 °F with autoloading of the filament (N. 2 for part materials and n. 2 for support materials)			
	Controlled chamber with forced ventilation			

Auxiliary pneumatic system

ROBOZE DATA SHEET

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Content	USB flash drive	Screwdriver		
	Thickness gauge	Blister of Multi-Purpose Grease		
	Safety goggles	Blister of HT Grease		
	Safety gloves	Buildplate seal		
	Metallic spatula	Nozzle brush		
	3.0 mm (1/8") key wrench	Panels keys		
	Gasket for buildplate's reduction	Nipper		
Slicing software	Prometheus			
Comunications	USB output type B			
	WiFi & Ethernet connection			
	API			





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