



Engraving Machines Plus, Corp

7600 Technology Drive, West Melbourne, FL. 32904

TEL: (321) 821-7774 FAX: (321) 821-9431

Email: sales@engravingmachinesplus.com

Machine Specifications

Product Description	Model No.	Version	Issuing Date	
Split Type Fiber Laser Marking Machine	ST50J	1	12/1/2022	
Product Photos	Electrical Parameters			
	Rated Voltage	110v	Phases	1
	Frequency	50Hz-60Hz	Circuit	15 amp
	System Information			
	Laser Source	JPT LP+ 50W	Laser Output Power	50W
	Controller	JCZ FBLL-V4 (Lite)	Galvo Head	ZBTK 2D 10C
	F-theta Lens	K9,F290 D200x200 (M85) (0-100W)	Frequency Range	40-600kHz
	Pulse Width	200ns	Software	Lightburn - Galvo
	Supported OS	WIN 10/11 MAC OS	Supported Formats	AI, PDF, DXF, SVG, BMP, GIF, JPEG, PNG, TIFF
	Specifications			
	Laser Wavelength	1064nm	Max Speed	196.85 ips (5000 mm/sec)
Marking Area	7.87" x 7.87" (200x200mm)	Max Height Adjustment	31.5" (800mm)	
Rotary	Optional	Rotary Drive	DM542S	
Marking Depth	<=1mm Adjustable (subject to material type)	Min Line Width	±0.01mm (subject to material type)	
Safe Temperature and Humidity Range	0~35°C / 10~95%	Cooling System	Air Cooled	
Compatible Materials				
Metals: Aluminum, Gold, Silver, Copper, Stainless Steel, Brass, Titanium and Tungsten Nonmetals: Colored Acrylic, Hard Plastics, Brick, Granite, Marble, Tile, Nylon, ABS, Ceramic, River Rock, Precious Stones, Marble, Artificial Leather and Cardboard				
Dimensions & Weight				
Machine Dimensions	22.05" x 21.65" x 26.77" 56CM*55CM*68CM	Machine Weight	99 lbs. / 45KG	
Packaged Dimensions	31.10" x 21.25" x 22.44" 79CM*54CM*57CM	Gross Weight	110 lbs. / 50KG	
Warranty Coverage				
24 months for the entire machine and laser source 12 months for all other electrical components				
Packing List <ol style="list-style-type: none"> Fiber Laser Machine Machine x1 U Disk (Manuals and Software) x1 Power Cable x1 Allen Wrench x1 Screwdriver x2 Positioning Bar (With Screws) x2 (M6 4Pcs) USB Cable x1 Color Aluminum Sheet x1 Foot Switch x1 Protective Glasses x1 Locking Wrench 				