



Engraving Machines Plus, Corp

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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
	Frequency	50Hz-60Hz	Circuit
	System Information		
	Laser Source	JPT LP+ 50W	Laser Output Power
	Controller	JCZ FBLL-V4 (Lite)	Galvo Head
	F-theta Lens	K9,F420 D300x300 (M85) (0-100W)	Frequency Range
	Pulse Width	200ns	Software
	Supported OS	WIN 10/11 MAC OS	Supported Formats
	Specifications		
	Laser Wavelength	1064nm	Max Speed
	Marking Area	11.81" x 11.81" (300x300mm)	Max Height Adjustment
	Rotary	Optional	Rotary Drive
	Marking Depth	<=1mm Adjustable (subject to material type)	Min Line Width
	Safe Temperature and Humidity Range	0~35°C / 10~95%	Cooling System
	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	33.07" x 22.44" x 35.83" 84CM*57CM*91CM	Gross Weight	198 lbs. / 90KG
Warranty Coverage			
24 months for the entire machine and laser source			
months for all other electrical components			

Packing List

1. Fiber Laser Machine Machine x1
2. U Disk (Manuals and Software) x1
3. Power Cable x1
4. Allen Wrench x1
5. Screwdriver x2
6. Positioning Bar (With Screws) x2 (M6 4Pcs)
7. USB Cable x1
8. Color Aluminum Sheet x1
9. Foot Switch x1
10. Protective Glasses x1
11. Locking Wrench