



## 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
	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	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

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