30watt - 40watt - 50watt
Laser Marking Machine

Description:

The fiber laser engraving machine is the best choice for the customers who have special requirements to the smallest & finest laser beam and character. According to its many features, people also call it fiber laser engraving machine, metal laser engraving machine, metal laser marking machine, laser metal engraving machine, laser engraving machine metal.

Model	20A/30A/50A/80A/100A
Work Area(MM)	110X110/170*170(Optional)
Laser Power	20W/30W/50W/80W/100W
Laser Repetition Frequency1	KHz-400KHz
Wavelength	1064nm
Beam Quality	<2M2
Min Line Width	0.01MM
Min Character	0.15mm
Marking Speed	<10000mm/s

Marking Depth	<0.5mm
Repeat Precision	+_0.002MM
Power Supply	220V(±10%)/50Hz/4A
Gross Power	<500W
Laser Module Life	100000Hours
Cooling Style	Air Cooling
System Composition	Control System, HP Laptop, Separated Type
Working Environment	Clean and Dust Free
Operating Temperature	10℃-35℃
Humidity	5% to75% (Free of Condensed Water)
Power	AC220V, 50HZ, 10Amp Stable Voltage
Warranty	12 Months

Machine Features：

1. Compact: The high-tech product, which is combined of laser device, computer, auto controller and precision machinery. It is small design and the complete weight is 22kg.

2. High Precision: Re-position precision is 0.002mm

3. High Speed: Imported scanning system makes the scanning speed is up to 7000m/s

4. Easily Operating:Afford the specific marking software based on Windows, which is real-time adjust the laser power and pulse frequency. You can input and output by computer according to edit in the both of the specific marking software and the graphic software such as AutoCAD, CorelDRAW and Photoshop.

5.High Reliability: MTBF>100,000 hours

5. Energy Saving: The efficiency of optic-electrical converting is up to 30%

7. Low Running Cost: No wearing part. Free maintaining.
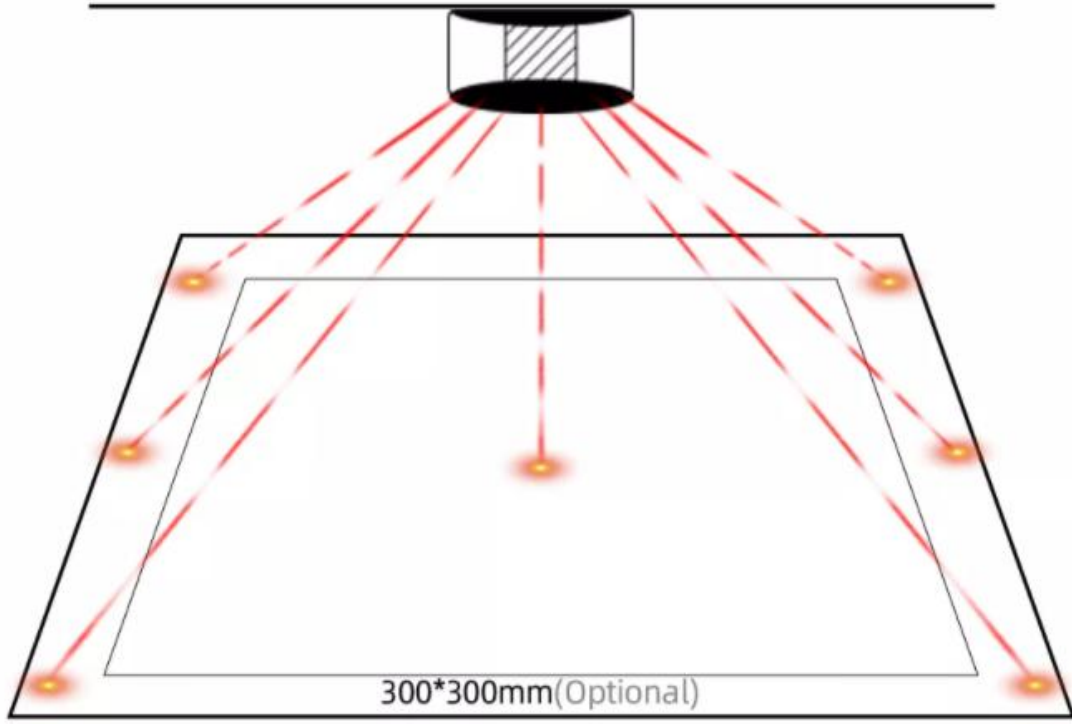
Machine Details:

Galvo Head

Famous brand Sino-galvo,high speed galvanometer scan adopting SCANLAB technology,digital signal,high precision and speed.
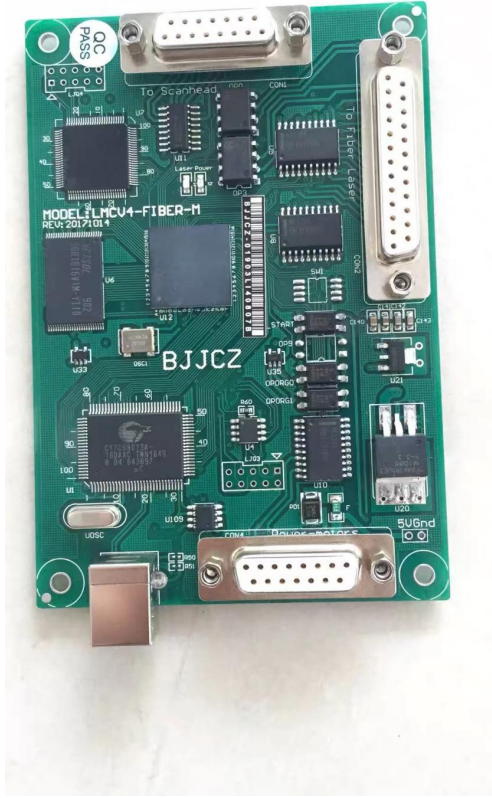

Field Lens

We use famous brand to provides precision laser,standard 110x110mm marking area,Optional 170x170mm,200x200mm,300x300mm etc.

300*300mm(Optional)

Laser Source

We use Raycus Laser Source,A widely selectivity of operating wave-lengths,ultra-low amplitude noise,high stability and ultra-long lifetime.
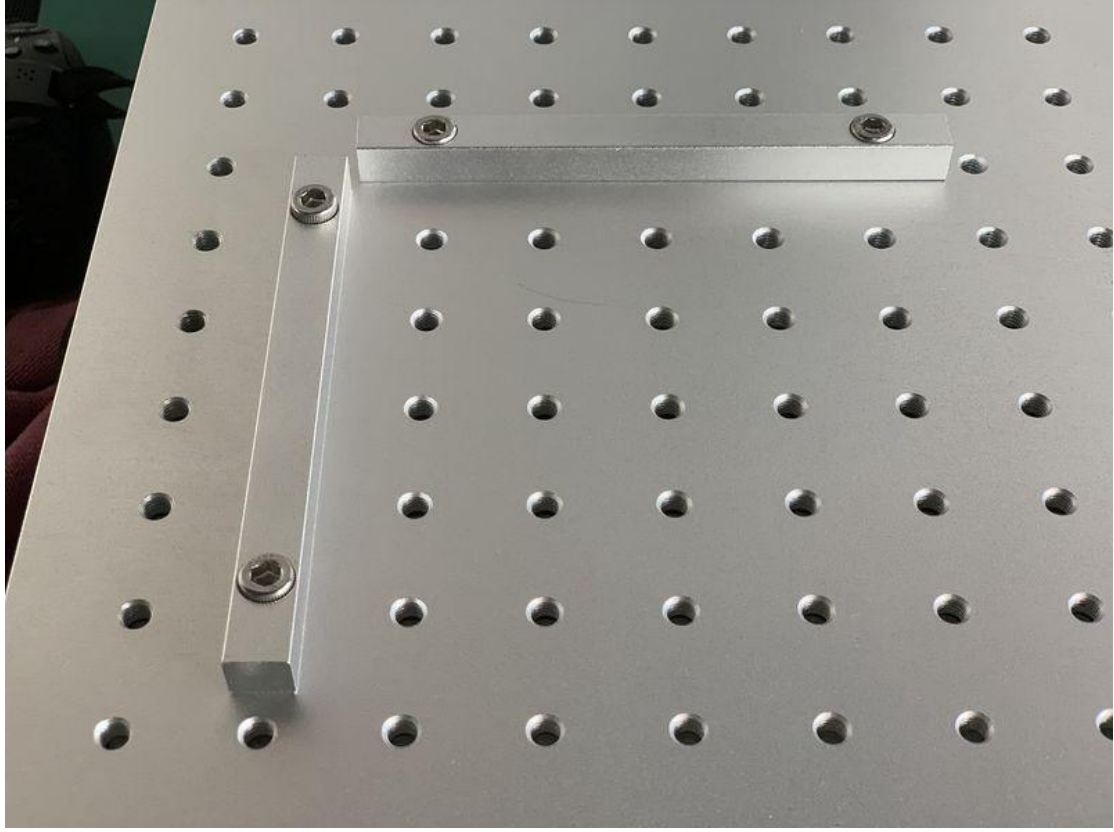
JCZ CONTROL BOARD

1,Powerful editing function.
2,friendly interface
3,Easy to use
4,Support microsoft windows XP,VISTA,Win7,Win10 system.
5,Support ai,dxf,dst,plt.bmp,jpg,gif,tga,png,tif and other file formats.

Double red light pointer
When two red light coincides best focus,Double red light pointer help customers make focus quickly and easily.

Fixture

1,easy to put kinds of materials on the worktable.

2,There are multiple flexible screw holes on the worktable convenient for customized installation.

PRESTIGE
SWISS QUARTZ
P3152M

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Ferris Family
Est. 1995