



SMARK
Laser Automation

Fiber Laser Cutting Machine

Our History:

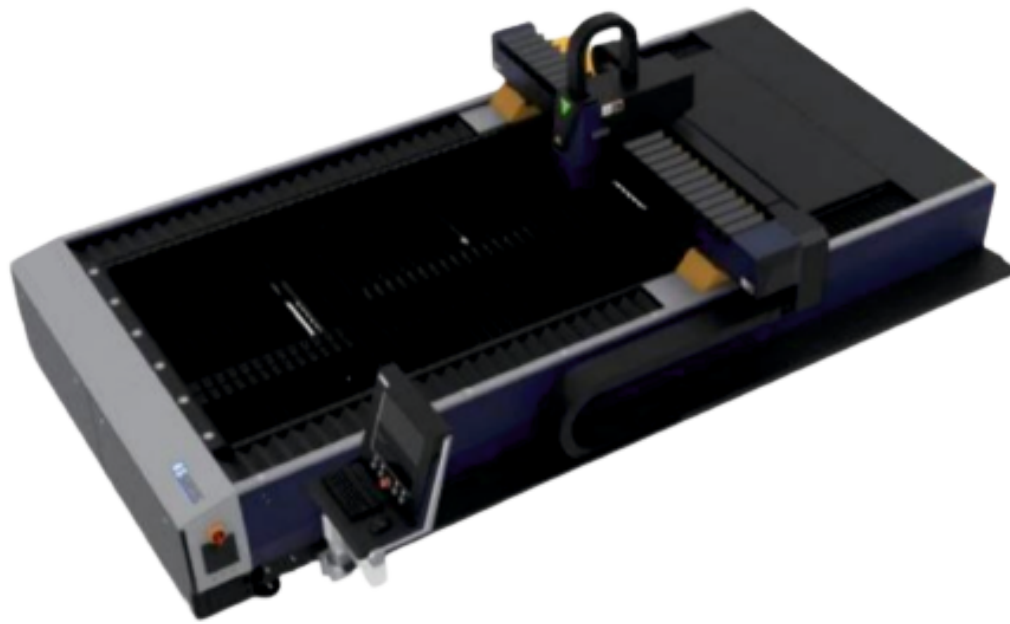
We, **SMark Laser Automation Pvt. Ltd.**, started in the years 2021, are one of the foremost manufacturers an extensive array of **Fiber Laser Metal Cutting Machine**, Fiber Laser Marking Machine, Co2 Laser Engraving & Cutting Machine, Laser Cladding Machine, Laser Hardening Machine CNC Router, ND: YAG Laser welding Machine etc. To manufacturing these products, we use quality tested components and latest technology. Our products are appreciated for their features like long service life, easy to use, low maintenance, damage resistance, Heavy & Sturdy structures.

We not only hold expertise in meeting our client's demands, but also give high importance to quality. Also, our workforce comprises of skilled engineers. The innovative design and exceptional functionality of our machines range offer long life ratings. Moreover, we continually modernize our infrastructure to include the range of improvements in our research attempts. In addition, our idea of generating unmatched value for our esteemed patrons furnishes us to deliver high-quality products and services within the limited time frame.

Fiber Laser Cutting Machine Application: metal cutting, electrical switch manufacturing, aerospace, food machinery, textile machinery, engineering machinery, locomotive manufacturing, agriculture and forestry machinery, elevator manufacture, special vehicles, household appliances, tools, processing, IT manufacturing, oil machinery, food machinery, diamond tools, welding, welding gear, metal materials, decoration advertising, laser surface treatment of foreign processing services, such as all kinds of machinery processing industry.

Materials to be Cut:

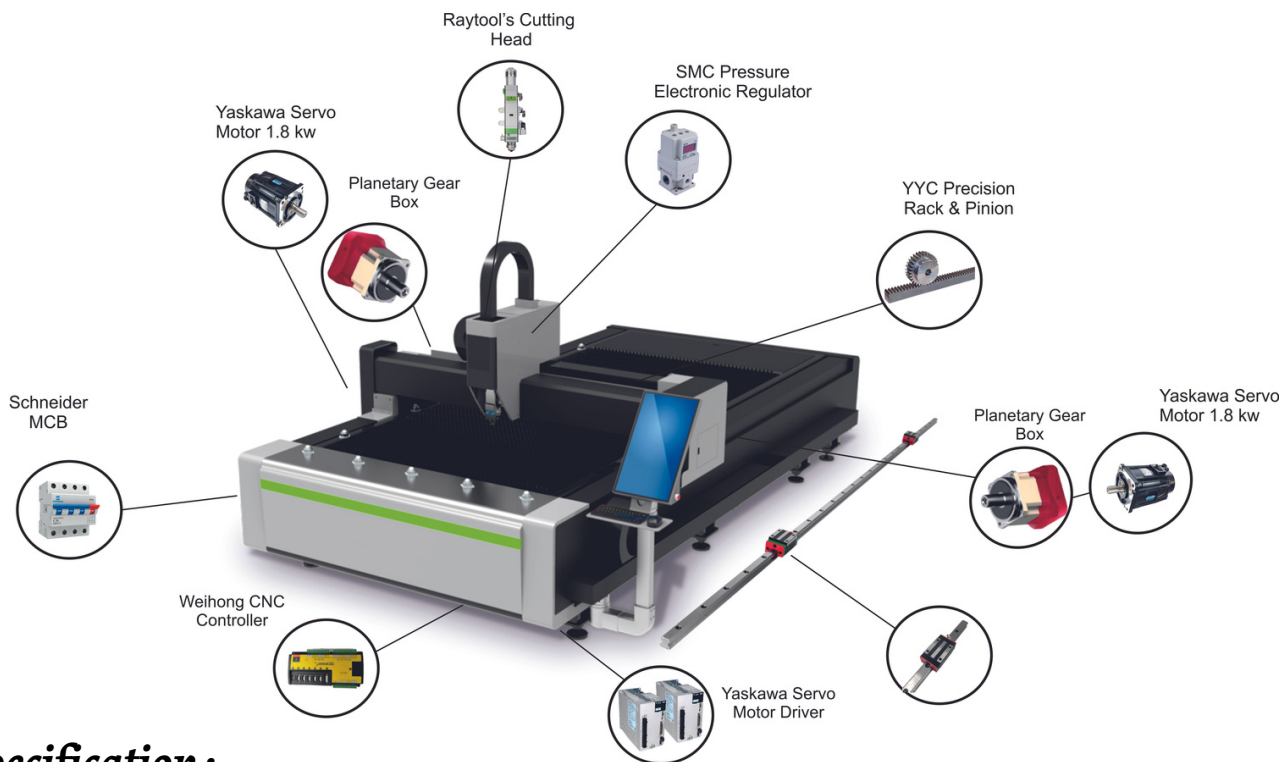
Stainless
Mild Steel
Aluminum
Brass



Feature's :

- Ø Heavy & Sturdy structures.
- Ø HIWIN Linear Made In Taiwan.
- Ø Laser Power Up to 6 kw
- Ø Yasakawa Servo Motor & Driver
- Ø IPG / RAYCUS / JPT Laser Source
- Ø Auto Focusing Head with Auto Lens Adjustment
- Ø Rapid Speed up to 150 meter/min.
- Ø 200 mm Z Axis Stroke given more clearance between gantry & sheet.
- Ø Stability and reliability of light path system and control system.
- Ø Imported original fiber lasers, high and stable function, lifespan is over 100000 hrs.
- Ø Higher cutting quality and efficiency, cutting speed is up to 40m/min with appearance and beautiful cutting edge.
- Ø Air condition for control cabinet cooling for Electronic parts and Laser Power Supply, make sure control cabinet temperature at 26°C, extend the life of electronic devices and save the power for the factory.

Fiber Laser Cutting Machine Specifications



Specification :

Model	Fiber Laser Cutting Machine
Working Area	3200mm*1600mm
Laser Power	1000W
Laser Wave Length	1064nm
Working Table	Saw tooth
Maximum Idle Running Speed	150 M / min.
Position Accuracy	±0.025mm/m
Position Speed	100 m/min
Minimum Line Width	± 0.02mm
Cutting Thickness	≤ 12 mm
Control System	Cypcut / Weihong
Position Type	Red Dot
Power Consumption	≤16KW
Working Voltage	380V/50Hz
Auxiliary Gas	Oxygen / Nitrogen / Air
Working life of fiber module	More than 100000 hours
Fiber laser cutting head and lens	Raytool's made in Switzerland
Driver system	1800W Yaskawa servo motor Japan Make
Liner guider system	HIWIN made in Taiwan
Transmit system	Dual Rack & Pinion type
Rack system	YYC made in Taiwan
Warranty time	Whole machine for 1 years (Fiber 2 Years)
Delivery time	45 days
Gross weight	6500kg

Pre-sale and after-sale service commitment

Pre-sale service:

Free sample making.

For free sample making/testing, please send your samples or products CAD Graphics to our company in Pune. Sample shipping back cost should be paid by purchaser.

Progressing Solution Design :

According to customer's product processing requirement, we can design the unique solution that supports higher manufacturing efficiency and better processing quality for customer.

After-sale service:

Training to install:

Option A:

We will supply the machine with training and user's manual in English for installing, operation, maintenance and trouble-shooting, and we will give technical guidance by e-mail, telephone/What's /Skype/Team Viewer/Any Desk and so on, when you meet some problems of installation, using or adjusting the cutting Parameters.

Option B:

You can come to SMark Laser Automation Pvt. Ltd. factory for training. SMark Laser Automation Pvt. Ltd. will offer professional guide. Direct and effective face-to-face training. Here we have assembled equipment, all sorts of tools and testing facility. Training Time: 7 working days

Warranty:

The warranty period of fiber laser source is 2 years , all other machine parts are 1 years. Warranty will be starting from machine is arriving in your destination. Except the damage artificially ,we are responsible for offering the fittings free of charge during the warranty period. Customer needs to send damaged fittings to us by courier with customer's charge before we send back the alternative fittings. After the warranty period, parts need to be repaired or changed, shall be paid.

Laser Cutting Sample



Contact Us:

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