



Dongguan Chang'an TaiQi
Machine Factory

What we are?

Dongguan Chan'an Taiqi Machine Factory is high-tech machinery and equipment manufacturer specializing on the research, development, production, and sales service of Tapping Machine, Laser Marking Machine and Laser Welding Machines & Laser Cutting machine. It was established in Taiwan at 1980's. Mainly producing Pneumatic & desktop tapping machines at the beginning. With the vigorous development of the company. Now Created "Taiyi" brand. Factory area of 8000 square meters, more than 200 excellent staffs and smart team. Taiyi has established a good strategic cooperative partnership With Huazhong University of Science and Technology in Optical Valley, Wuhan, China. Taiyi now become comprehensive product suppliers who supply dozens of laser machine series such as Laser Marking/Engraving Machine, welding machine, cutting machine, Automatic line jig and flowing production line etc.

After five years of fierce market competition, Taiyi grows web marketplace, Products have been adopted by more than one thousands of large and medium-sized enterprises around the world, including North America, Europe, Southeast Asia and has established strong partnership with domestic famous enterprises such as CSR Corporation Limited, TCL, Skyworth electronics, Honda, Haier group, Yuchai machinery, Midea group, Yutong bus, cosco group etc. Products are highly praised by both our old and new customers.

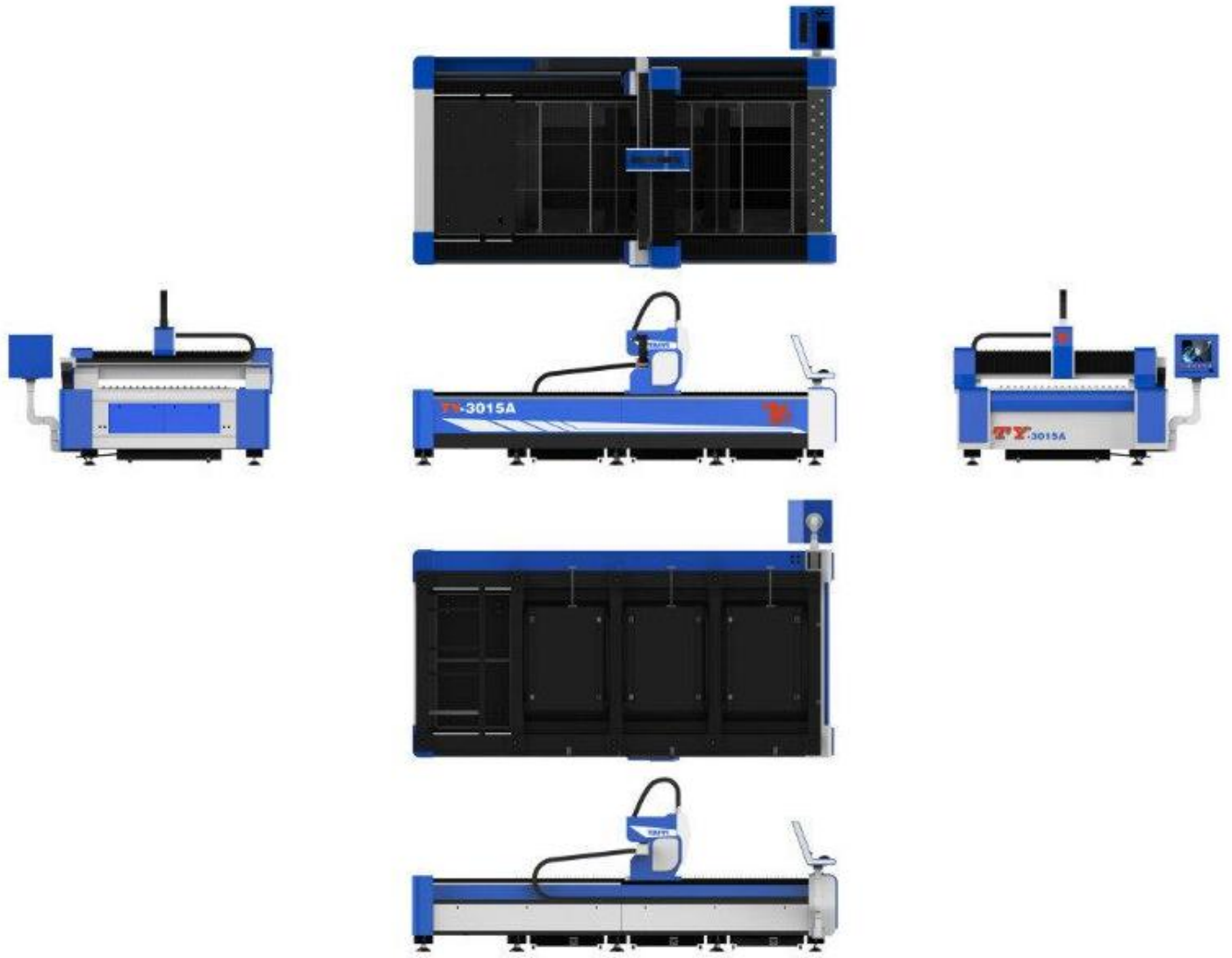
From global procurement of raw materials to the elaborate device, development, design, production, packaging, transportation to distribution, Well trained Taiyi people control each process strictly in the production, through the continuous sampling, detection, tracking, and other measures, to ensure that products meet the expected performance goals. Therefore, High quality of Taiyi's products is our constant faith and commitment.

In order to better serve our customers all over the world, Taiyi , One after another, Taiyi has established its branch offices in Hongkong, Taiwan, Shenzhen, Shanghai, Tianjin, Jiangsu, Wuhan, India, Egypt, Turkey, Thailand and Singapore. To improve service quality further Taiyi plans to have more offices over the world in the next few years, Taiyi's product positioning in the high-end laser series market and ensure the best quality products and services to our partners, to build long and succeed business relationship with home and abroad customers.

Fiber laser cutting machine



53 1 12



Other types of fiber laser cutting machine

Open concept & exchange table fiber laser cutting machine



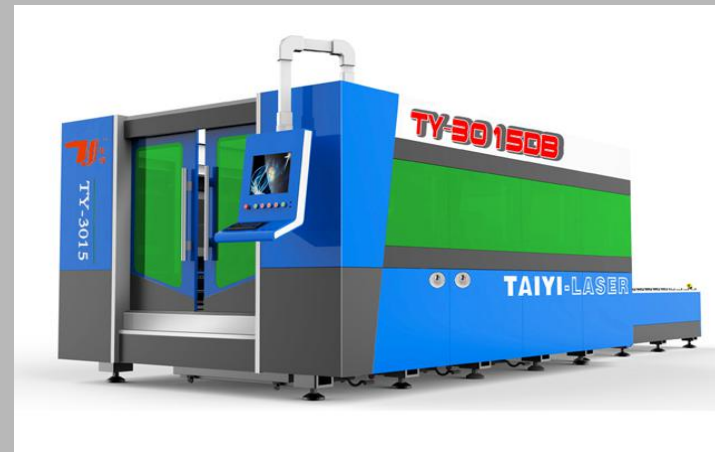
Sheet and pipes fiber laser cutting machine



Pipes fiber laser cutting machine



Enclosed & exchange table fiber laser cutting machine



Technical Performance

Model	Fiber laser cutting machine
Laser power	800W/1000W/1500W/2000W/3000W (optional)
Machine Body	gantry structure
Working Travel	High Precision Ball screw numerical control table with feeding device
Max running speed	40m/min
X/Y location precision	0.03mm/m
Power Supply	380V 50Hz
X/Y repeated location precision	±0.03mm
Running Temperature	0°C-40°C
Beam repeating frequency	20khz-100khz
Machine gross power	<10KVA
Applied Materials	Thin mild steel, stainless steel and other kinds of metallic sheets
Cutting Area	3000mm*1500mm/4000mm*2000mm/6000mm*2000mm (optional)
Total Weight	4500KGS

The data of each equipment

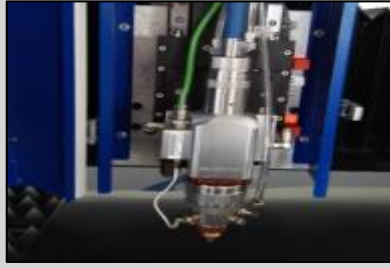
Name	Quantity	Origin of country	Manufacturer
Laser source	1set	China/Germany	MAX / IPG
Cutting head	1set	USA Technical	TAIYI
Machine body and accessories	1set	China	TAIYI
Electric control	1set	Germany、Japan	OMRON、Schneider
Air control	1set	Germany、Japan	SMC、CKD
Precision Linear Guides	3sets	Taiwan	HIWIN
Precision Gear and Rack	3sets	Taiwan	YYC
Gear box	3sets	Japan	Shimpo
Accessories	1set	China	TAIYI
Control system	1set	China	CYPCUT
Computer	1set	Taiwan	Advantech
AC servo motor & driver	1set	Germany	Schneider
Cooling system	1set	China	TAIYI
Recycling equipment	1set	China	TAIYI
Dust exhausting fan	1set	China	TAIYI



laser power	Max cutting thickness			
	Carbon steel (mm)	Stainless steel (mm)	Aluminum (mm)	Brass (mm)
750W	8	3	1	1
1000W	12	4	2	2.5
1500W	14	5	4	3
2000W	16	6	5	4
3000W	22	10	6	8

☞ above parameter for reference only

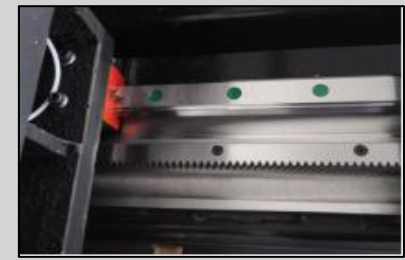
Mainly Parts



Smart Cutting Head



Ball



Precise Rack



High Precision Welding



Saw



Machine Body



Computer Control System



Water Chiller



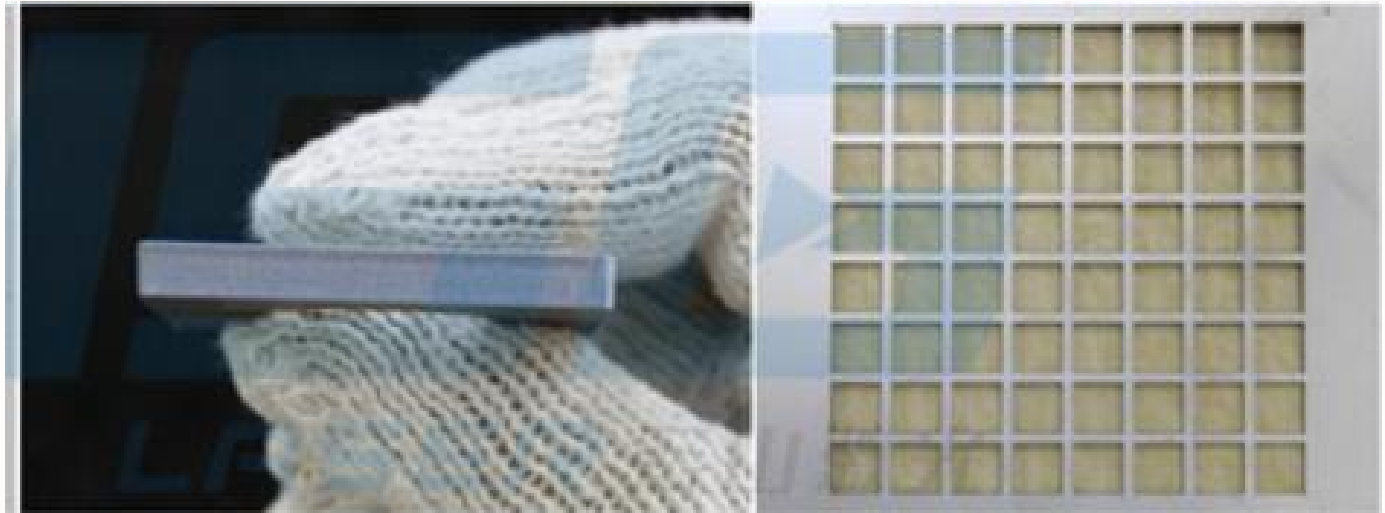
Servo Motor

53 1 12

23

👉 Application

- 👉 All metals, it can cut very small design, and can cut 6mm middle steel, 120holes can be cut within 1 minute



Cuttet samples' show





Thank you for focus

The Specialist of Machine manufacturer

www.taiyilaser.com

Tel: +86 769 3893 9577