



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. 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, Jiangshu, 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 Transmission Laser Welding Machine (Handheld or Automatic available)





# Double laser path( laser power with Energy feedback)

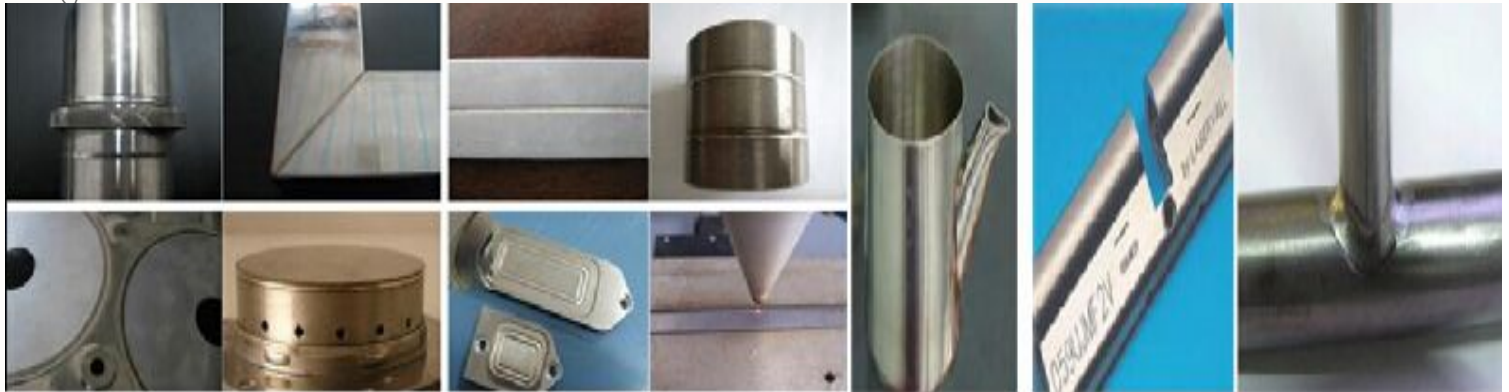


## Technical Data

<b>Stepping motor</b>	<b>LEAD SHINE</b>
<b>Laser Power</b>	<b>200W/400W/500W</b>
<b>Electric Power</b>	<b>6kw</b>
<b>Cooling mode</b>	<b>Water Cooling</b>
<b>Pulse Repetition Frequency</b>	<b>0-30HZ</b>
<b>Pulse width</b>	<b>0.1-20ms</b>
<b>Adjusted spot range</b>	<b>0.1-3.0mm</b>
<b>Spot size</b>	<b>0.2-3.0mm</b>
<b>Minimum welding pool</b>	<b>0.2mm</b>
<b>Machine dimension</b>	<b>140*650*1320cm</b>
<b>Water tank dimension</b>	<b>75*48*81cm</b>
<b>Xenon's working life</b>	<b>8month-12months</b>
<b>Laser positioning</b>	<b>Red pointer</b>
<b>Capacitance</b>	<b>8</b>

## 👉 Application

- 👉 Mainly applied for welding on the thin wall materials, precision parts, which can realize spot welding, butt welding, welding stack, seal welding, ect.
- 👉 Very small welding width and heat affecting zoon. Small deformation, high welding speed, smooth and nice welding seam, high welding quality, no pores, can control precisely, small focusing point, high positioning accuracy.





Thank you for focus

**The Specialist of Machine manufacturer**

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