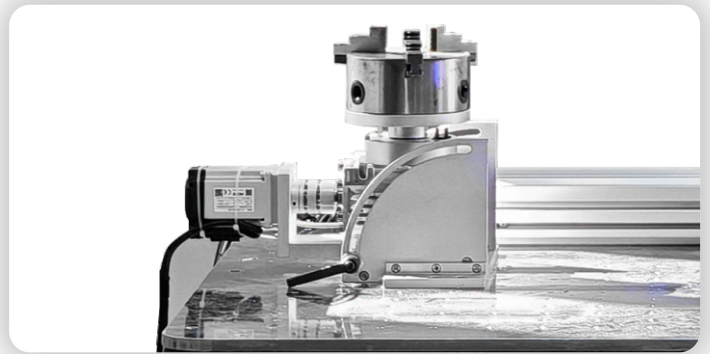
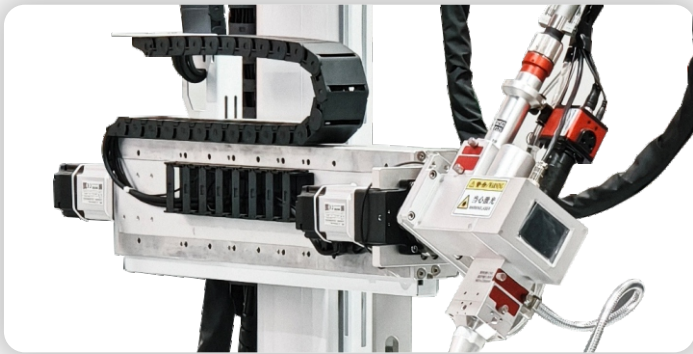


Automatic Platform Laser Welding Machine



Product Introduction

The automatic platform laser welding machine is a high-end welding equipment that integrates high-energy laser, precise motion control and automated platform. It is controlled by computer programming and can achieve precise and high-speed welding with complex trajectories. Its core advantages lie in small heat-affected zone, minimal workpiece deformation, and beautiful and firm welds, making it especially suitable for the processing of thin plates and precision parts.

- **High-precision Welding**
- **High Degree of Automation**
- **Multi-scenario Compatibility**
- **Beautiful Welds**

• Motion Module



• Welding Torch Head



• Rotary Fixture



• Display



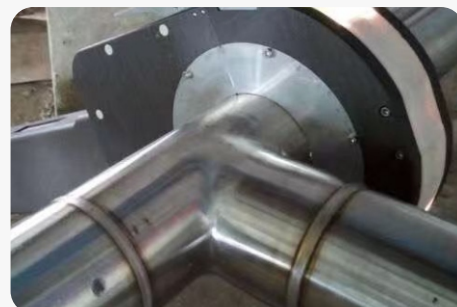
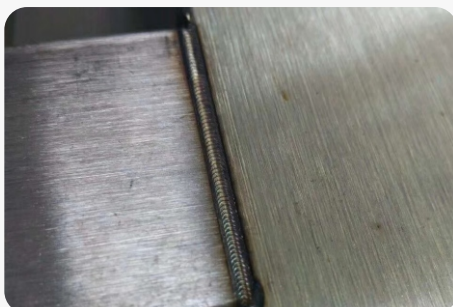
• Button



• Chiller



Sample



Parameter

Laser Type	CW Fiber
Laser Brand	MAX, Raycus, BWT or customize
Laser Power	1500W/2000W/3000W/6000W
Laser Wavelength	1080 ± 5nm
Axis Control	X, Y, Z, Rotary, Tilting
Travel Length of Motion	800 * 400 * 400mm or customize
Moving Module Accuracy	± 0.005mm or customize
Wire Diameter	0.8mm, 1mm, 1.2mm, 1.6mm, 2mm
Optional Feeder	Single wire, dual wires, triple wires feeder with mixed feeding.
Feeding Speed	30 ~ 600mm/s
Cooling Method	Integrated water cooling
Air Supply	0,4MPa compressed air or protective Argon, Nitrogen, etc.
Air Blowing Mode	Coaxial blowing, side blowing or mixed blowing.
Power Input	100~240VAC 50 / 60 Hz 360~440VAC 50 / 60 Hz