

Specification Of Machine

- ✓ Flexible transmission non-contact welding, with greater flexibility, can weld special angle and size of products.
- ✓ Smooth welding surface, do not need polishing, save time and labor; The light spot is shaped by optical fiber transmission, the spot energy distribution is more uniform, the weld spot has better penetration to the metal boundary and the back of the metal sheet is more uniform after welding.
- ✓ Handheld welding gun is designed by ergonomics. It is light weight, comfortable to hold, easy to locate, easy to operate and not easy to fatigue.
- ✓ High efficiency, special positioning device, suitable for all kinds of irregular text pattern welding; Hard and soft path switch is simple, but clear, easy to use.
- ✓ Equipped with 5 m optical fiber, welding radius of 5m metal letter.



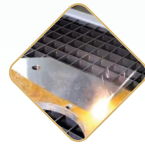
Industry Application



CUTTING



WELDING



Rust Cleaning



light path focal length adjustment



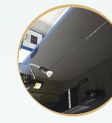
industrial control touch screen



handheld gun



laser path focus lens



tempered glass worktable



double lamp self made power supply



worktable positioning pin



double lamp metal cavity



foot pedal switch

Model	AW-500-P3+L	Table size	1200mm*2200mm
Max. laser output power	500W	Table load	Tempered glass for piano varnish with bearing 60Kg
Laser wavelength	1064nm	Host max. power consumption	12Kw
Max. laser pulse energy	90J/10ms	Cooling system	Forced integration chiller
Pulse Width	0.5-10ms	Electricity demand	380VAC±5%, 50Hz, 60A
Laser pulse frequency	1-100Hz	Environment	Clean, Dust-free, No vibration, 13°C- 28°C, Humidity 5%-75%
Position system	Red light location (optional CCD)	Package Weight	490 KG

