

QCW laser welding Machine

Technical Parameter



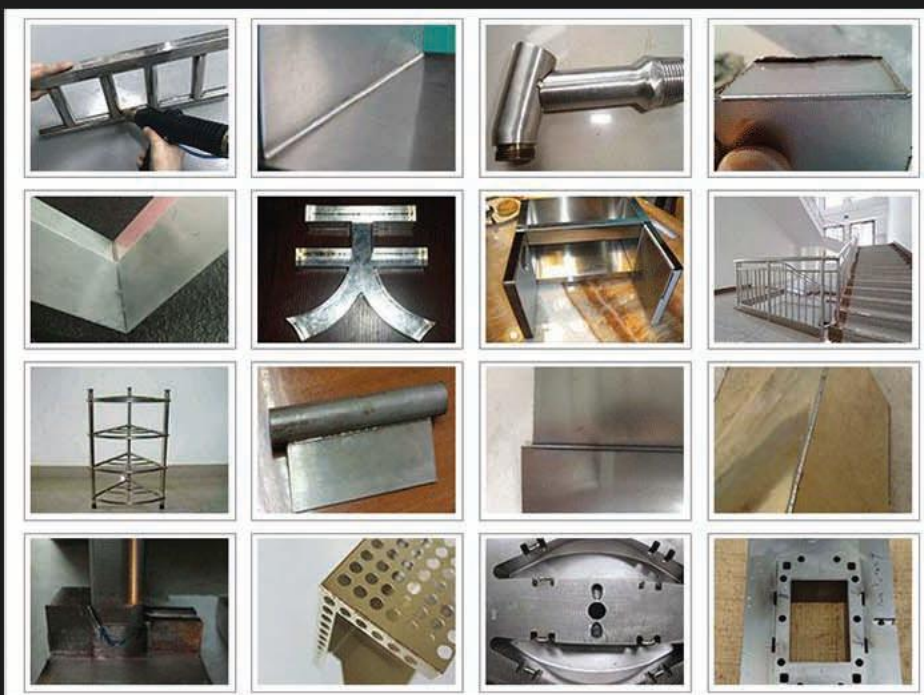
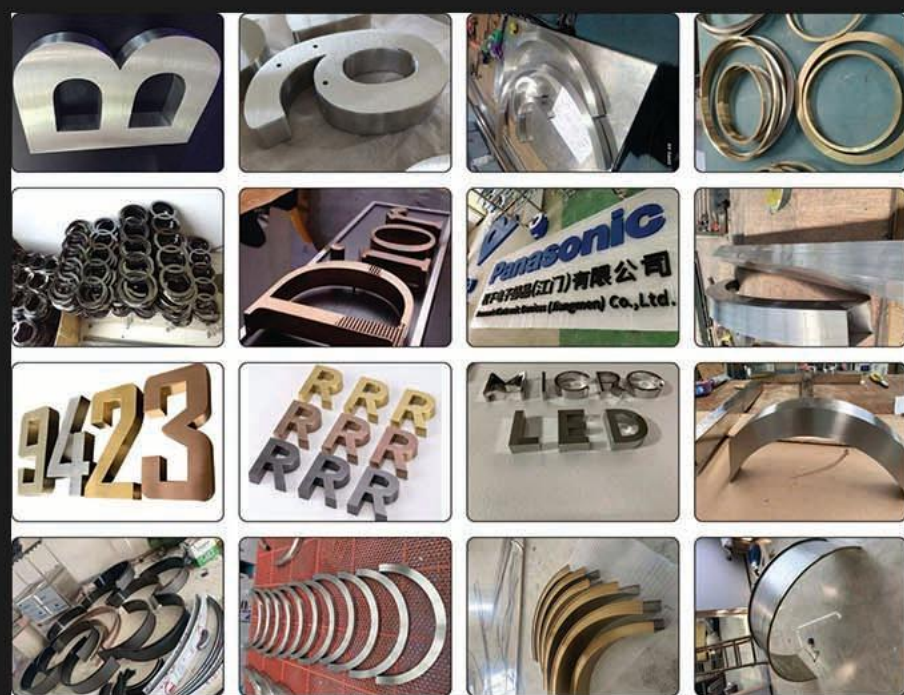
Product Information

Maintenance-Free Operation
The fully sealed laser module requires no optical realignment and maintains perfect calibration even during transport or vibration, ensuring consistent performance.

Switch effortlessly between stationary and handheld operation. The stationary platform includes a CCD screen, while the handheld unit offers exceptional mobility with its 8-meter cable.

Wide Material Compatibility
Expertly welds various metals including stainless steel, galvanized sheets, iron plates, and titanium with consistent, reliable results.

Sample Letters



Laser power:	750W
Laser wavelength:	1080nm
Maximum energy per pulse:	30J
Maximum penetration depth of welding:	0.1-3mm
Pulse width:	0.2-50ms
Laser welding frequency:	1-1000Hz
Peak power consumption:	2KW
Power demand:	220VV±10%
Aiming and positioning:	CCD synchronous high-definition camera + red light
Up and down travel:	≈200mm
Fiber length:	5-8m

Product Details

