

W200M LASER STATION The first universal application laser welding platform

Mobile Laser Welding System

morrichi

Automatic Laser Welding Machine
Included station and mobile facilities for Laser welding
both in house and at customer site.

Outstanding feature of machine:

- Motorize table with joystick for Hi-precision work
- Arm for big molds or big work pieces at customer site.
- Hi-power laser output which could weld various material such as aluminium, beryllium-copper, brass, copper, steel and stainless steel and ect.



Model W200M



Model W200MS



Model W200



Magnetic Ball (Option)



Leica Stereo Microscope, Germany (Option)

Specifically Engineered for the High Precision Mold Repair.

Its working principle is to take the advantages of laser deposit welding and uses the technology of collective and spot welding with high heat of laser. It can effectively treat the welding defects of tiny parts and conduct repair work. This technical advantage fills the gap that traditional argon-arc welding and cold welding can not reach for repairing the fine welding surfaces.

Featuring the first completely adjustable 200 x 400 mm X, Y head with a 700 mm Z travel slide, this is the machine for mold repair needs.

Laser Source:	Nd: YAG	Power Adjustment:	Via Voltage and PWM Feature
Pump Source:	Flash-Lamp	Pulse Length:	0.5 - 20ms
Wavelength:	1064 nm	Pulse Frequency:	Single pulse up to 200 Hz
Operating Mode:	Pulsed Laser System	Pulse Fill Mode:	10-100%
Max. Avg. Output:	200W	PWM:	100%
Max. Power:	120 Joules	Pulse Forming:	Freely pregramable (option)
Max. Peak Power:	8 kW	Energy Meter:	Integrated
Spot Diameter:	0.10-3mm	Microscope:	10x Magnification
Focal Length:	100mm	Cooling 200W:	Water/ water heat exchanger with Temperature controlled load control



Distributor:

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