

Our Welding Solutions

LASER METAL WELDING.



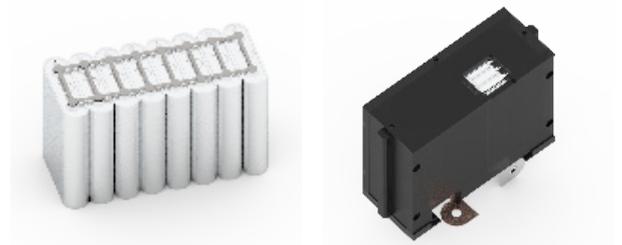
India's First Registered Laser Machine Manufacturer

Fiber Laser Welding Machine:



Features:

- Laser Welding Station 300 x 300 mm.
- Equipped with Seam Tracking System for path compensation.
- Laser power up to 6 kW.
- Can be used for welding of Can / Cap, Terminal, Fill Tube, Tabs etc.,
- Suitable for SS, MS, AL, OFHC Copper with either similar or dissimilar materials welding.
- High Power Laser Welding Station with Customizable automation system



Fiber Laser Hand-Held Welding Machine:



Features:

- 1 kW Laser Power movable welding station.
- High laser energy density, small thermal effect area, no deformation, less or minimal subsequent processing.
- Easy spot welding and continuous welding.
- Non-contact processing, stress free, noiseless
- Good welding quality, high welding speed, high strength.
- Weld strength and toughness equivalent or stronger than the base metal.
- Fast welding speed, 2~10 times faster than traditional welding.
- The welding seam is smooth & beautiful, small taper, doesn't need polish, save time.
- In-Built water Chiller.



QCW Laser Hand-Held Welding Machine:



Features:

- Provide high peak power in short pulse duration
- Ideal for low heat input applications.
- Useful for spot welding as well as seam welding applications.
- Higher wall plug efficiency & maintenance free operation.
- Easy spot welding and continuous welding.
- Non-contact processing, stress free, noiseless
- Good welding quality, high welding speed, high strength.
- Weld strength and toughness equivalent or stronger than the base metal.
- Fast welding speed, 2~10 times faster than traditional welding.
- The welding seam is smooth & beautiful, small taper, doesn't need polish, save time
- It's an Air Cooled System. Water Chiller not required.

Robotic Fiber Laser Welding Machine:



Features:

- Laser power up to 6 kW which delivers high quality, high precision welding
- This rotating beam allows us to weld with large path gaps efficiently
- SILROBOWELD Fiber Laser technology is with unmatched beam quality and electrical saving due to this less maintenance to oscillators to generate beam
- Rotating mirror in welding head which helps to rotate beam direct path of welding, it can make any shape of beam like 8, 0 line (vertical / horizontal)



OUR GLOBAL REACH



Design & Specifications of machine will be subjective to change without prior notice

OUR PRODUCT RANGE:

Laser Metal Cutting Machine, Robotic Laser Metal Cutting & Welding Machine, Laser Metal Tube Cutting Machine, Laser Precision Cutting Machine, Laser Welding Machine, Laser Cleaning Machine, Laser Cladding Machine, Laser Marking Machine, Laser Engraving Machine, CNC Router Machine.

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