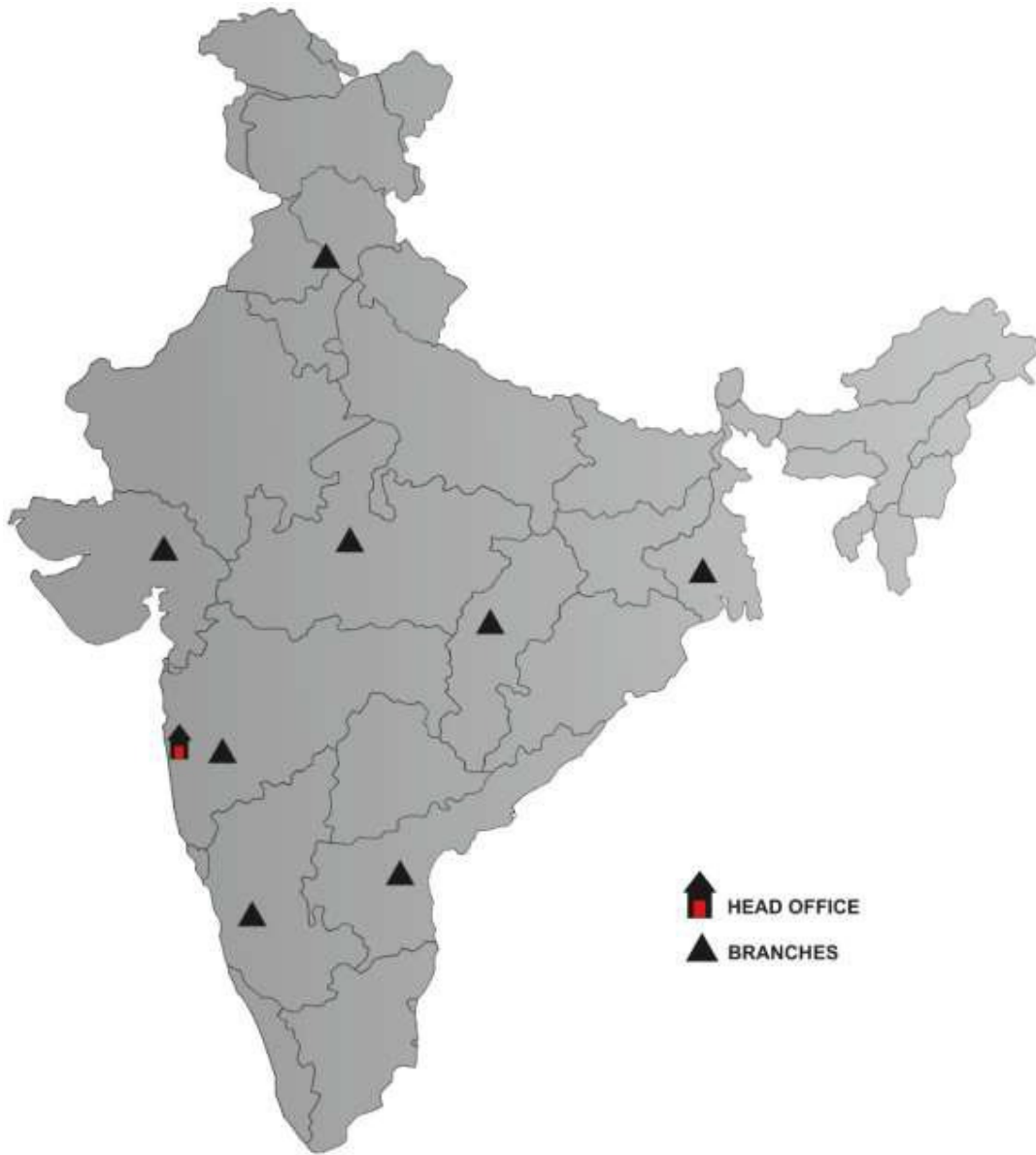


**TECHNICAL SPECIFICATIONS**  
**MOULD REPAIRING LASER WELDING MACHINE**





6 GLOBAL  
PARTNERS



24\*7  
SERVICE SUPPORT



750+ HAPPY  
CUSTOMERS



60+  
HIGHLY QUALIFIED  
EMPLOYEES



20+ STATIONED  
SERVICE ENGINEERS



LESS THAN 2 HOURS  
RESPONSE TIME



60 % REPEAT  
ORDERS



SPARE PARTS  
SUPPORT

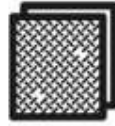
## EXPERTISE IN KEY INDUSTRIES



AUTOMOTIVE



AEROSPACES



SHEET METAL



JEWELLERY



LEATHER



TEXTILE  
PROCESSING



MECHANICAL



DIE MOULD



SIGNAGE



PAPER

## OUR PARTNERS

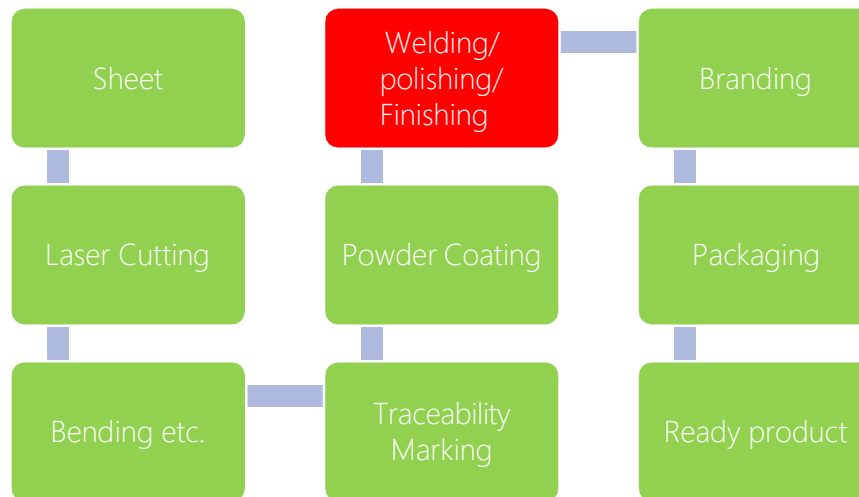


## SMART-WELD

Recent time is witnessing lots of changing in manufacturing technology, with laser cutting induction the productivity has gone up and companies enjoying less cutting cost with fiber laser. The manufacturing still needs lots of improvement to make quality better, in less time with minimum labour hours.

### So, what's the Bottle Neck??

Thin sheet manufacturing is used in a plethora of industries from kitchenware to furniture and from metro coaches to storage racks etc. Here are the various processing stages:



To make process faster and productive must identify the bottleneck and for thin sheet metal fabricators always struggling with the welding, they have Laser -smooth cutting, fast but the welding conventional TIG or WIG.

Laser is the answers to all problems with Conventional Welding for Thin sheets??

### The advantage of Laser Welding:

- Cost effective
  - Fast
  - Non-contact repair methods
  - Significantly less rework
  - Very low heat impact – minimum distortion
  - Very less structural changes in the base material
-

Model	Product
SW-W400IV (400W)	Fiber Laser welding Machine (Handheld)
	Cooling System
	Cantilever Movement System
Configuration:	
	Brand: Smart Weld
1	Laser power : 400W
2	Max Energy per Pulse: 120J
3	Laser Wavelength: 1064nm
4	Laser Welding Depth: 0.1 to 1.6 mm
5	Pulse Width: 0.5-20ms
6	Continuous Welding Frequency: 0.5–100Hz
7	Spot Size Range: 0.2–2 mm
8	Cooling water flow: 10L/min
9	Power Consumption: ≤12KW
10	Electrical Connection: 380V/50Hz-60Hz/40A (3 Phase)
11	Max. height: 165cm
12	Travel of the worktable (LxWxH) : 170mmx 130mmx 200mm
13	Load-bearing of worktable: less than 150KG
14	Focal distance: 90mm/120mm optional
15	Diameter of welding wire: 0.1mm-0.8mm
16	Weight: 400kg
17	Hazard Class: Class 4

## Remarks:

- The quote is effective in 30 days starting from the quote date.
- Delivery time : 3-4 weeks
- Warranty Standard : ONE Year
- Installation Charges : Included
- Taxes & Duties : Extra as applicable
- Payment Terms : 30% as deposit, remaining at the time of shipping
- Transport : Ex-Work Mumbai

## Samples:

