



- Timișoara 300600, str. Livezilor nr. 43
- CUI: RO-15097646
- J35/2108/2002
- RO40INGB0002008160268911
- ING Bank Timișoara



Fiber Laser 3 in 1 welder, cleaner, cutter

This is a 4-in-1 machine, except mainly laser metal welding function, machine also can clean weld bead, cut thin metal and clean rust of metal surface.

Machine photo as below:

Model	TSF
Power	1000w /1500w/2000w /3000w
Machine outlook	

Wire feeder:

Single Wire feeder	Dual wire feeder
	

1. Wire feeder standard with 5m Wire feeding pipe, suitable feeding carbon steel and stainless steel;
2. If welding aluminum suggest 3.5m graphene wire feeding pipe (optional);
3. 3m normal wire feeding pipe suitable for all type wire (optional).



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Parameters:

Products Name	Laser Machine
Model	TSF
Function	Welding, Cleaning weld bead, cleaning metal surface and cutting thin metal
Laser Power	1000W/1500W/2000W/3000w
Cooling way	Water cooling
Laser Wavelength	1080+/-5nm
Laser Power	0-100%
Working temperature	5- 40 °C
Voltage	220V±10%, 50-60hz, 1P (1000w/1500W/2000W) 380V,50-60hz, 3phase (3000W)
LCD control panel size	7 inch
Operation way	Handhold model
Optic cable length (bending radius≥250mm)	10m (include about 2m inside of the machine)
Working Humidity Conditions:	≤ 80%RH

	Laser Power(W)	Voltage (V)	Max Power (KW)	Current (A)	Stabilizer (KVA) Suggested
Laser Machine	1000	220,1P	5	22.7	>8
	1500	220,1P	7	31.5	>11
	2000	220, 1P	8	36.3	>13
	3000	380, 3P	13	34.2	>20

Function and instruction:

1. TSF Model suitable for welding below materials:

Stainless steel, Carbon steel, Iron, Aluminum, Alumina, Cold galvanized sheet, etc.

2. Rust cleaning function: the laser beam clean width 10-110mm adjustable;

3. Metal sheet cutting function, suggest cut metal sheet thickness 0-3mm.

4. Machine is installed welding head, here is the way of how to change rust cleaning head:

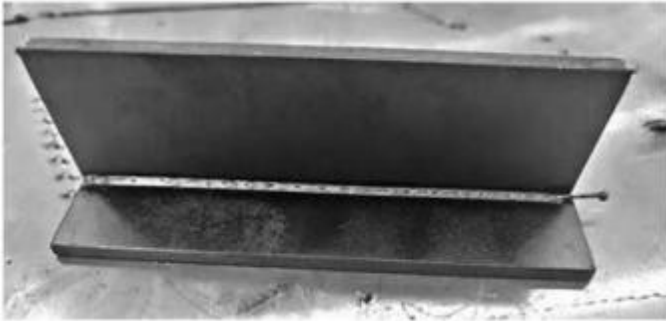


5. Machine is standardized with a nozzle to clean welding bead, just choose “welding bead cleaning” function on control panel, no need change to rust cleaning head.

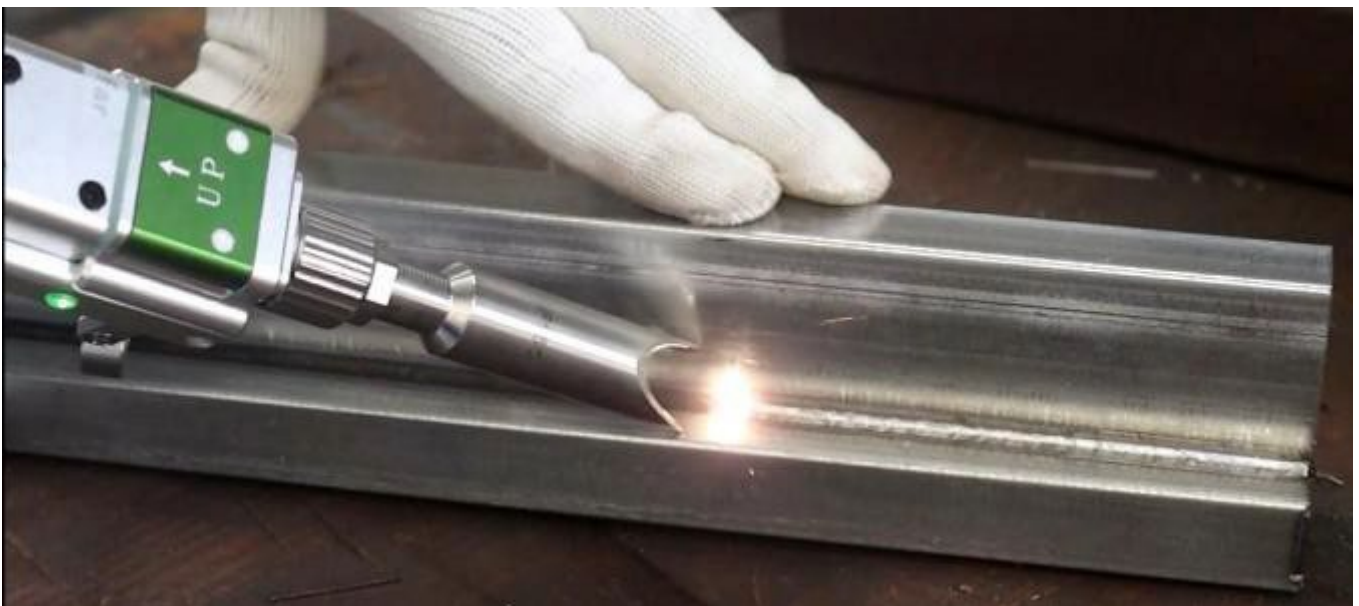


Samples:

Welding samples:



welding bead cleaning samples:



Cutting samples:



Cleaning samples:



Standard international export plywood package:

