

TOPtek Laser

Handheld Laser Welder

1000W

1500W

2000W



Focus on Laser R&D

Exclusive remote test system



Whenever you have any problems, connect to your WIFI and our engineer can diagnose and operate the welder directly. So the welder will definitely offer worry-free operation. TOPTEK is the only supplier who creates this system.

TUV Rheinland Certified



We strive to supply the best laser machines to reach German TUV Standard, which offers you the excellent performance at the time. More reliable, durable, precise, safer, strength.

More Humanized



- A.4 times safety protection
- B. Scientific compact layout
- C. Ergonomic easier operation
- D. Intelligent HMI control system

WHY TOPTEK LASER IS THE BEST CHOICE?



Fiber laser source
Raycus/Max



Industrial chiller
Hanli/S&A



Wobble welding head
TOPTEK



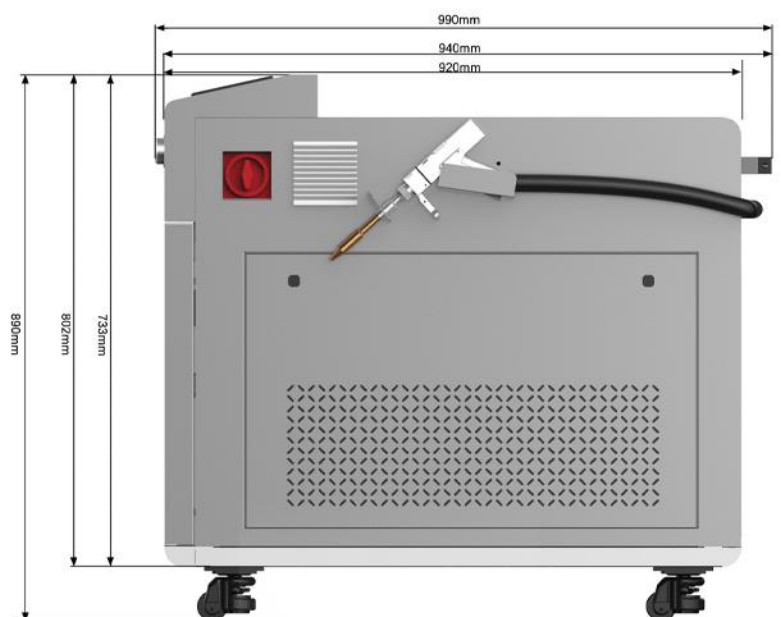
Electric parts
Schneider

We are an integration of world famous brands.

More Powerful Parameters

No.	Item	TLW-1000W	TLW-1500W	TLW-2000W
1	Laser Power	1000W	1500W	2000W
2	Laser Wavelength	1070 NM	1070 NM	1070 NM
3	Fiber Cable length	10 meters	10 meters	10 meters
4	Cooling method	Water	Water	Water
5	Positioning method	Red laser dot	Red laser dot	Red laser dot
6	Welding speed	0-160mm/s	0-200mm/s	0-250mm/s
7	Voltage	220V 50/60 HZ	220V 50/60 HZ	220V 50/60 HZ
8	Power consumption	5KW	7KW	9KW
9	Air pressure	5-15L/min	10-15L/min	10-15L/min
10	Currency	25A	40A	40A
11	Scan width	0~6mm	0~6mm	0~6mm
12	Laser gun	motor wobble	motor wobble	motor wobble
13	Focus length	150mm	150mm	150mm
14	Cryogenic water flow	12L/min	12 L/min	12 L/min
15	Chiller's water	Purified water or deionized water		
16	Protective gas	Argon gas could meet most of the requirement		
17	Welding wire diameter	0.8/1.0/1.2/1.6mm		

Smaller layout



Don't Worry About Energy Crisis Anymore

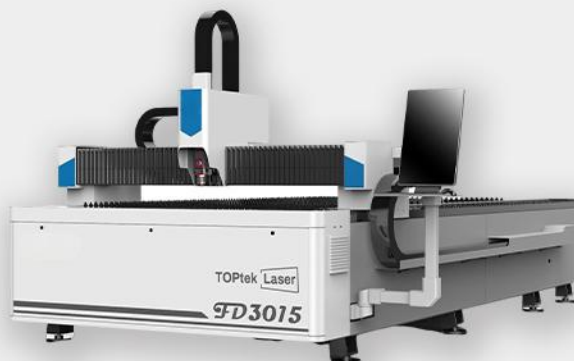
1. High welding speed achievable: 5-10 times higher than traditional argon arc welding, spot welding and electrowelding.
2. Cost-saving: 70-80% cost saving, including labor and energy cost.
3. Easy operation: No need experienced welding operator, any green hands can operate it.
4. Perfect welding performance: Welding seam is almost invisible, smooth welding surface, little deformation, High strength.
5. Widely application: spot welding, stitch welding, corner welding, butt welding, seal welding, arc welding, narrow welds, deep welds, specially for profiled parts.
6. Little or no post-processing: No need polisher or sander, greatly save labor and time cost.
7. Welding process can be automated well. Auto-wobble system guarantee auto welding and perfect fish scale.



Laser Welder



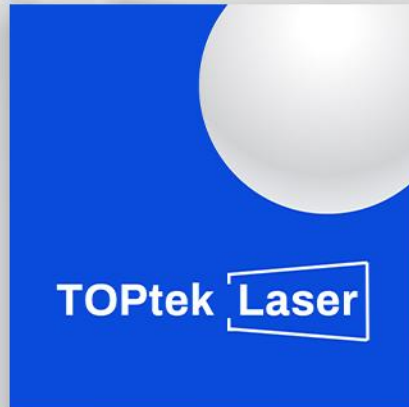
Laser Cleaner



Laser cutting machine



Laser marking machine



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