

Be Easy to Finish Channel Letters.



Laser Welding Machine **300W**

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website: www.tps2008.com

Facebook: [TPSbender](https://www.facebook.com/TPSbender)

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Performance characteristics

1. High accuracy,can weld small and complex typeface and Logo,high speed,no chromatic aberration and trace after welding,with beautiful appearance,no need processing
2. Aiming at advertising word industry,special king-size Light path,arbitrary rotation for 360,high flexible range
3. No noise and no pollution
4. Optional CCD monitor,welding result is much clearer.
5. Engineers can quickly learn to operate
6. High requirements
7. No pollution
8. Low loss, one hour down to 2KW

The difference from traditional welding machine

1. Without surface treatment
2. No consumable
3. No pollution
4. Easy operation,fast welding speed
5. Firmer welding
6. Not many requirement to the operator,only simple training can operate well

Technical Parameters

Item	parameter	Item	parameter
Model	TPS300	Laser Spot size adjusting range	0.2-2mm
Max laser power	300W	Whole power consumption	≤7KW
Laser wave length	1064nm	Power need	220V ± 10%/50Hz/40A
Monopulse Max power	90J	Standard configuration working table	800*1000mm load200Kg
Laser welding depth	0.1-1.2mm	Sight positioning	CCD synchronism high definition camera
Pulse width	0.1-20ms	Laser device vertical travel	≥200mm
Laser welding frequency	0.5-40Hz	Laser device horizontal direction	200-800mm

Suitable industry

Widely used in the advertising industry, sheet metal industry, small sheet metal welding

Suitable material

Stainless steel, steel plate, iron plate and other metal

