

fiber laser cutting machine



## Fiber laser cutting machine

### Features

1. Compare with the plasma cutting, it has the high precision cutting for different kinds

of metal materials, like cutting stainless steel, carbon steel, alloy steel, spring steel, aluminum,

copper, silver, titanium and other metal materials below 6 mm.

2. Compare with the NC, which can cut any complicated process and shape.No noise and no

need to open any moulds at all.

3. Compare with linear cutting, which has much faster speed,100 times higher than it.

4. Double lead screw to drive, Small heat affected zone, good dimension stability. Flat and

handsome laser-slotted, without later process

5. High performance/price ratio: the price is only 1/8 of the similar CO2 laser cutting machine

and 2/5 of the equivalent NC Punch

6. Low use cost: only USD2 per hour which is 1/8-1/10 of the similar CO2 laser cutting

machine (USD22-USD35 per hour)

7. Low follow-up maintenance cost: only 1/10-1/15 of the similar CO2 laser cutting machine

and 1/3-1/4 the equivalent NC Punch

8. Steady performance: as a mature laser apparatus, the fiber laser cutting machine is

suitable for most metal manufacturing and processing industry.

## Technical parameters

Model:	PC-1325F	PC -1530F
Working size:	1300*2500MM	1500mm×3000mm
Cutting thickness:	0.1mm-8mm/	
Max. output power:	500W/1000W	
Medium of Laser	Fiber	
Laser wavelength:	1064nm	
Pulse frequency:	1--300HZ	
Min. linewidth:	0.12mm	
Electrical source:	380V/50HZ/100A	
Cutting precision	≤±0.04	

Supported format	Plt, Dxf, Ai, Dst etc
Continuous Working Time	24 hours
Machinel weight:	3000kg
Cooling way	water-cooling
Blowing way	Oxygen, Compressed air or Nitrogen
Max. cutting speed:	15m/min (According to material and thickenss)

### **Applicable material:**

This machine can cut carbon steel, stainless steel, mild steel, alloy steel, spring steel, aluminium,

copper, brass, titanium plate, galvanized sheet and so on. According to different metal materials

and thickness, we will adjust the pluse width, current, frequency, cutting speed.