

PERFECT LASER



Why Choose Perfect Laser



- 1** 20 years experience in producing Laser and CNC field
- 2** Customer-orientated
- 3** Wish to provide benefit to agents and customers
- 4** Free consulting, life-long service
- 5** Engineer Overseas Installation available
- 6** 10000+ Customers Choice
- 7** Perfect Laser will be your best Partner



Cutting Samples



Configuration



1000W Cutting thickness parameters sheet (for reference)

Material	Thickness	Speed(mm/s)	Gas type	Air pressure (Mpa)
Stainless steel 	0.5	500	N ² (Nitrogen)	1.5
	1	300		1.5
	2	100		2.0
	3	40		2.3
	4	18		2.5
	5	12		2.5
Carbon steel 	1	300	O ² (oxygen)	0.6
	2	100		0.65
	3	60		0.5
	4	45		0.4
	5	30		0.4
	6	30		0.13
	8	16		0.13
	10	10		0.15

Copper, aluminum and other colored high anti-material are not recommended, because they are highly-reflect material. The laser absorption rate is low so that it is easy to cause damage for the laser head. Any damage caused by that will be not under warranty.

Technical Data

Name	Metal sheet and pipe fiber laser cutting machine
Model	PE-F3015B 500W (800W1000W2000W)
Maximum run speed	90m/min
Laser Wavelength	1080 nm
Minimum cutting line width	0.1mm
Rated output power	50--2000W
X, Y-axis positioning accuracy	$\leq\pm 0.01\text{mm}$
Repeated positioning accuracy of the table	$\leq\pm 0.01\text{mm}$
The maximum load of the workbench	800KG
Effective processing format	1500*3000mm
Z-axis travel	120mm
Volume	4.6*2.3*1.8m
Power	12KW
Water cooler	2kw
Electricity power	380v 50Hz $\pm 10\%$
Red light spot position	yes
Auxiliary gas	Oxygen, nitrogen
Pipe type	Round, oval, special-shaped pipe
Pipe Length	3-9m
Diameter	1mm-300mm

Product Details



1

Controller with a PC screen operating system, easy to operate.



2

Fiber Laser Source, automatic cutting for optimized cutting path calculation, industrial computer installed software



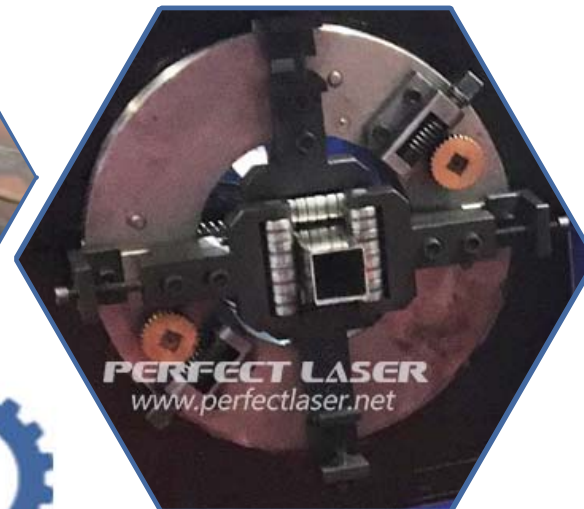


3

Automatic focus laser cutting head (metal sensor) selection of well-known brands lasermach (US laser microphone) , with high sensitivity, good stability.



4



The unique design of the rotary aids avoids technical problems that are not concentric when the pipe is bent and cut.



5 3HP high-power water chillers to keep the laser head always in a comfortable working temperature.



6 Self-service refueling device on the track to protect the lubrication of the track.



7 Japan's Panasonic servo motor and drive to improve the cutting speed and stability.



8 Combination of ball movement and feed system.

Terms and Conditions

VCD
Training , Easy
Installation

12 Months
Guarantee

15-30
Working Days
Lead Time

PERFECT LASER

12 Hours
Response

Sea
Shipping

TT/Western
Union / Paypal /
Ali Trade Assurance
Payment