

PERFECT LASER

High Precision Fiber Laser Cutting Machine



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Model: (PE-F3013, PE-F3015)

Working Area :

3000 mm × 1300 mm

3000 mm × 1500 mm



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Sample Show



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Product Advantages

1. Adopted Original German import fiber laser source, with long using life up to 150000 hours and high cutting speed up to 15-20 Meter/min.

2. Japan Panasonic Servo motor with double ball screw driving system, can make sure the cutting high precision especially comparing with the single driver system.

3. USA import laser cutting head with auto focusing height follower, which can ensure the constant same distance between the head and cutting material.

4. The cutting slot is very slim, can reach up to 0.05mm. The machine is very suitable for processing precision parts with high efficiency.

5. Automatic Lubrication System for Mechanic, which can lubricate the linear guiderail nearly 500 times per minute to make sure the high precision.

6. Convenient Collecting System, which has the special funnel design to make collecting more easy.

7. Free of any maintenance, because of Fiber optical transmission, fiber line transmission, no need reflect lens, without optical adjustment, save maintenance cost.



Model	PE-F1330	PE-F1530
Laser Type	Fiber Laser	
Laser Power	200w 300w 500w 700w 1000w	
Laser Source	Germany Import Laser Fiber Laser Source	
Laser Technology	Germany Technology	
XYZ Working area	1300*3000*150mm	1500*3000*150mm
Max. Cutting Thickness (CS)	1mm - 5mm	
Max. Cutting Speed	5-20 Meters / Min (up to materials)	
Max. Location speed	60m/min	
Laser wavelength	1070nm	
Minimum line width	≤0.1mm	PERFECT LASER www.perfect-laser.com
Location precision	≤±0.05mm	
Re-location precision	±0.02mm	
Max. moving speed	100m/min	
Supporting Format	PLT, DXF, BMP, AI	
Power demand	380V/50Hz	
Cooling Way	Water Cooling	
Worktable max. load	1000KGS	
Transmission Method	Ball Screw Transmission	
Table-driven system	Japanese Imported Yaskawa Servo Motor & Driving System Taiwan Hiwin/KH Precision Gear Track Taiwan Hiwin/KH precision Ball Track	
Focus Method	Following and Automatic Adjust Focus	
Control Method	Offline Movement Control	
Control software	Perfect Laser Professional Laser Cutting Software	

Control Cabinet



Laser Optical Bridge



Material Feeding Wheel



Laser Cutting Head

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Packing and Shipping

Item	Package Size(L*W*H)	Measurement (CBM)
PE-F3013	3 packages	Body: 4.2*2.6*1.8M
		Control Cabinet: 1.7*0.9*0.7M
		Water Chiller: 0.8*0.64*0.45M
PE-F3015	3 packages	Body: 4.7*2.8*1.8M
		Control Cabinet: 1.7*0.9*0.7M
		Water Chiller: 0.8*0.64*0.45M

