

Thin stainless steel laser cutting machine

Laser metal cutting machine



Feature:

1.PC-1325M is specialized in cutting thin stainless steel, carbon steel,

It also can cut and engrave non-metal materials too.

2.High efficiency: The cutting speed of 1mm stainless steel is 1800 mm/min.

20mm acrylic with perfect cutting quality.

3.PC-1325M machine is matched with the Panasonic Servo System and high precision.ball-screw system to ensure the high precision, running stable and long-operation.

4.The sheet metal is not flat. But the system can sense a distance from the nozzle to the metal surface and follow the surface up and down to automatically adjust the certain focus distance for keeping high precision cutting quality.

5.The laser beam is expanding, so the bigger the working area is, the more difficult the machine is to get the same cutting quality over the whole working area. The fixed beam optical system can guarantees the consistent beam power and quality over the whole working area so that the machine can get the same cutting quality.

6.High efficiency, high precision, stable performance and long life.

Low running cost about 5KVA/hour.

Application

Laser power	150w			
Material	Acrylic	MDF	Stainless steel	Carbon steel
Cutting thickness	30mm	10mm	1.5mm	1.5mm

150W Cutting speed

Material	Cutting thickness	Cutting speed (mm/min)
Stainless steel	0.5mm	2700
	1mm	1800
	1.5mm	1000-1200
Carbon steel	0.5mm	3000
	1mm	1800
	1.5mm	1000-1200
Acrylic	10mm	300
	20mm	90-120
MDF	10mm	300-400

Technical Parameter

Model	PC-1325M
Laser power	150W
Working area	1250 × 2500 mm
Positioning accuracy	±0.05 mm
Positioning speed	20m/min
Weight	1000 kg
Power supply	220V±10%/10A

Working

video: https://www.youtube.com/watch?v=9HI_9MbG4B0&list=UUn90proxwHoOsU1p

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<https://www.youtube.com/watch?v=uBqJYJAtS5Y&list=UUn90proxwHoOsU1pdVNGu>

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