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## 51" x 35" (1300mm x 900mm) YAG Metal Laser Cutter

Item Code: LCM-JY-KJG13090



FOB Price: **\$39,532/set**

Mini Order: 1 set

Shipping Weight: ★★☆☆☆

Average Rating: 3465.0lb (1575kg)

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### Overview

This metal laser cutting machine adopts ND: YAG medium, the fixed light route, the crossing slide movable working table is special for cutting any corner of working table 51.2" x 35.4" (1300 x 900mm), it can reduce the cutting slot by linearity polarize. Stable light route, high precision, quick process speed.

The cutting machine can achieve smooth edges, with few hot distortion and small cutting slot from the straight side.

#### Main Application:

The metal laser cutter is mainly used in the metal industry for cutting thin stainless iron & steel and letters cutting (like stainless steel and titanium letters) in the sign industry.

This metal laser cutting machine has great advantages in metal-cutting. It will work immediately when switched on, is very energy-saving and quite convenient to operate.

#### Applicable Material:

Brass, carbon steel, stainless steel, copper, titanium, ceramics, etc.

#### Product Highlights:



. Middle format working area and fitting sheet metal processing.

. Using optimized YAG lamp-pumped solid laser device. Either single or dual laser cavity can output high optical quality and high laser power.

. The maximum cutting thickness is 4mm stainless steel sheet(500W YAG).

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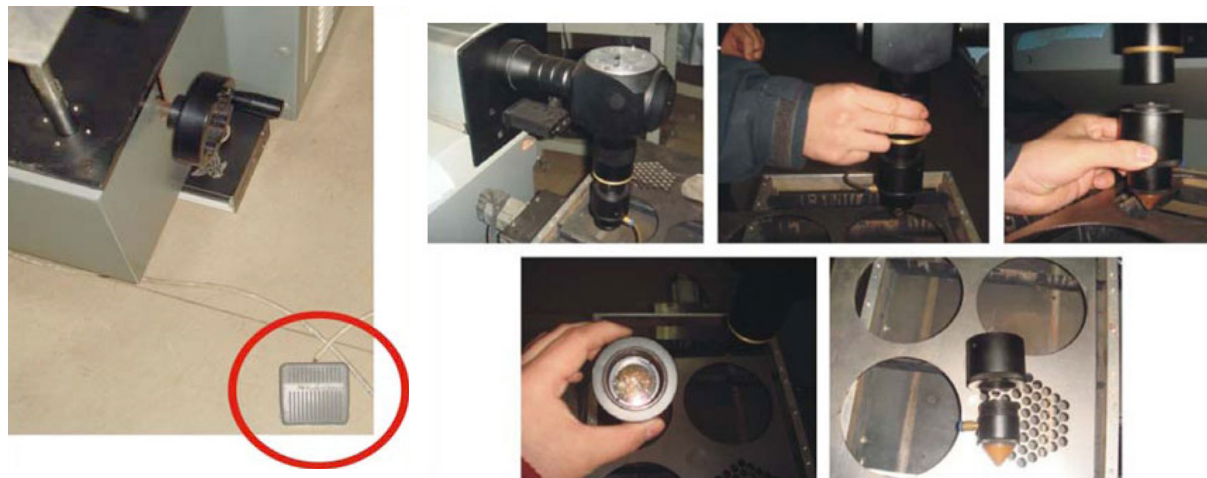
We install the cross slide working table in the existing metal marking machine, so that cross table can be cross slide, the original of a work area through the table to 9 slide work area. Take the following graphic show:

**Cross Slide Working Table**

. With high precision ball screw moving system and LCD display, the laser can produce perfectly formed metal sheets. Easy to operate, just need to connect the computer with the machine using a USB cable and download the images. You can control several cutting machines with one computer.



. The metal cutter selects collocation kick starter for operation, and choose USA high quality focus, high penetrability.



- . The metal laser cutter adopts CNC controlling technology with professional software, which can support AI, BMP, PLT, DXF file formats, and it is easy to operate.
- . It has the authentication of CE&FDA, which ensures the international standard and safety.

**Spare Parts:**

- 500W xenon lamp tube (2 pc of 250W (add an extra USD \$440 to the price)
- Totally reflecting mirror (add an extra USD \$168 to the price)
- Half reflecting mirror (add an extra USD \$168 to the price)
- Lens Protect (add an extra USD \$27 to the price)

**Warranty and aftersales service:**

- One year warranty except the wearing parts.
- 24-hour technical service support by email or calling.
- User-friendly English manual for machine using and maintenance.

**Samples:**





Metal round pipe cutting

Elevator panel cutting

Metal components cutting








Metal plate cutting

Case and cubical cutting

Kitchen ware cutting

Metal laser cutting samples

**Details**

Interface	USB
Support Image Format	PLT, DXF, BMP, AI

Positioning Precision

0.015mm

Resolution	1000dpi
Max. Cutting Thickness	0.2" (4mm) (stainless steel)
Max. Cutting Speed	0.4" (10mm)/s (stainless steel)
Effective Cutting Area	51.2" x 35.4" (1300 x 900mm)
Laser Power	500W

## Specifications

Specifications	
Laser Generator	YAG lamp pump solid laser generator (krypton lamp: you can use about 600 hours)
Laser Power	500W
laser Wavelength	1064nm.
Cutting Area	51.2" x 35.4" (1300 x 900mm)
Cutting Line Width	0.1mm-0.8mm
Max. Cutting Speed	0.4" (10mm)/s (stainless steel)
Max. Cutting Thickness	0.2" (4mm) (stainless steel)
Fix Position Precision	0.015mm
Laser Pulse Width	0.02-0.15ms, continuous adjusting
Laser Pulse Frequency	1-500Hz, continuous adjusting
Transmission Method	Servo Ballscrew
Red Laser Pointer	Yes
Control Software	Special cutting software
Control System	Offline movement control
Supporting Format	PLT, DXF, BMP, AI
Power Supply	380v, 50Hz
Main Component	Machine body,cross slide working table, controller, water chiller
Optical Device	300W krypton lamp
Spare Parts	Lens, reflective mirror, krypton lamp
Machine Dimension	machine body:71" x 27.5" x 56.3" (1800 x 700 x 1430mm) cross slide working table:104.3" x 86" x 38.2" (2650 x 2180 x 970mm) Controller: 42.5" x 24.4" x 47.2" (1080 x 620 x 1200mm) Water chiller(12.5KW): 62" x 27" x 56" (1580 x 680 x 1420mm)

Machine Weight	machine body:418.9lb (190Kg) cross slide working table:1675.5lb (760Kg) Controller: 352.7lb (160Kg) Water chiller(12.5KW): 330.7lb (150Kg)
Packaging	Wooden case
Packing Size	machine body:77" x 34" x 66.1" (1950 x 860 x 1680mm) cross slide working table:110" x 90.5" x 45.3" (2800 x 2300 x 1150mm) Controller: 47.2" x 30" x 56.3" (1200 x 760 x 1430mm) Water chiller(12.5KW):67.3" x 31" x 65.4" (1710 x 780 x 1660mm)
Gross Weight	machine body:573.2lb (260Kg) cross slide working table:2028.3lb (920Kg) Controller: 440.9lb (200Kg) Water chiller(12.5KW): 429.9lb (195Kg_

## Tags

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Email:info@sign-in-china.com Tel:+86 132 6410 3286 www.sign-in-china.com