



Metal Laser Cutting Machine 15.7" x 23.6" (400 x 600mm)

Item Code: LCM-JY-KJG4060



FOB Price: **\$32,733/set**

Price: **\$27,999/set**

You Save: **\$4734.00(14%)**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 2839.9lb (1290.86kg)

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Overview

Description:

This metal laser cutting machine uses ND: YAG medium, fixed light route, stable light route, high precision, and quick process speed. The hot distortion is very low, the cutting slot of the straight side is small, and the cutting edge is very smooth.

Application material scope and application industries: Widely applied for machine tools, traffic transportation mechanisms, metallurgy machinery, electronics; aviation, spaceflight, petroleum, chemical, electricity, motor manufacturing, auto manufacturing, broadcast and communication industries, etc.

Applicable Materials: stone, plastic, rubber products, brass, carbon steel, stainless steel, copper, titanium, ceramics etc.

Product Highlights:

- Small format working area, and for cutting thin sheet metal.
- Optimized YAG lamp-pumped solid laser device: Either single laser cavity or dual laser cavity, it can output high optical quality and high power laser.
- Maximum cutting thickness is 4mm for a stainless steel sheet (500W YAG).
- High precision ball-screw moving system and LCD display, ideal for sheet metal laser cutting solutions. Use a USB cable to plug the machine into `your` computer's USB port, and download images from `the` computer to the machine. Easy to operate, you can use one computer to control several metal laser cutting machines.
- The metal laser cutter uses CNC controlling technology with professional software that supports AI, BMP, PLT, DXF file formats, and it is easy to operate.
- CE & FDA certification to guarantee international standards and safety regulations.

Spare Parts:

500W xenon lamp tube (2 pc of 250W): +\$440
Totally reflective mirror: +\$168
Half reflective mirror: +\$168
Lens Protect: \$27

Samples:



Warranty and Aftersales Service:

Comprehensive warranty for one year except for spare parts.
 24-hour technical support via email or telephone.
 User-friendly English manual for machine use and maintenance.

Details

Interface	USB
Positioning Precision	0.015mm
Support Image Format	PLT, DXF, BMP, AI
Resolution	1000dpi
Max. Cutting Speed	0.4" (10mm)/s (stainless steel)
Max. Cutting Thickness	0.2" (4mm) (stainless steel)
Effective Cutting Area	15.7" x 23.6" (400 x 600mm)
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	15.7" x 23.6" (400 x 600mm)
Cutting Line Width	0.1mm-0.8mm

Maximum Cutting Speed	10mm/s (stainless steel)
Maximum Cutting Thickness	4mm (stainless steel)
Fixed 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
Supported Formats	PLT, DXF, BMP, AI
Power Supply	380v, 50Hz
Main Components	Machine body, controller, water chiller
Optical Device	300W krypton lamp
Spare Parts	Lens, reflective mirror, krypton lamp
Machine Dimension	Machine body: 77" x 65.4" x 21.3" (1960 x 1660 x 1540mm) Controller: 42.5" x 24.4" x 47.2" (1080 x 620 x 1200mm)
Machine Weight	Machine body: 1058.2lb (480Kg) Controller: 352.7lb (160Kg)
Packaging	Fumigation free package
Packing Size	Machine body: 83" x 71.3" x 66.5" (2110 x 1810 x 1690mm) Controller: 47.2" x 30" x 56.3" (1200 x 760 x 1430mm) Water chiller(12.5KW): 67" x 31" x 65.4" (1710 x 780 x 1660mm)
Gross Weight	Machine body:1322.8lb (600Kg) Controller: 440.9lb (200Kg) Water chiller (12.5KW): 429.9 (195Kg)

Tags

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