



## 47" x 47" (1200mm x 1200mm) CNC Engraver Machines

Item Code: CNCR-LD-1212H



FOB Price: **\$4,339/set**

Mini Order: 1 set

Shipping Weight: ★★★★★

Average Rating: 2279.2lb (1036kg)

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### Overview

#### Product Highlights:

- . Uses advanced DSP numerical controlling system.
- . Convenient operation: more ergonomically designed for convenient operation handle, large screen displays, and simple maintenance.
- . Optimization of mechanical and electrical design to ensure good performance.
- . Furnished with high inverter-driven spindle motor cooled by water.
- . X, Y, Z direction using bolt pole transmission to ensure the precision in the process.
- . Unique intelligent calculation fully develops the potential of the engine and leads to high processing speed, the synchronization of curves and straight lines, smoother curves. Traveling high speed can reach up to 10m (394")/min.
- . Unique and dynamic renewal of the system enables the customer (according to different processing requirements) to change the controlling ability of the system, and effectively improves the processing efficiency (start operation with the instructions of the technician from 'factory' or agent)
- . 32M saving capacity can store more than 3 processing files simultaneously, and read one at random.
- . Connected with the computer via USB interface to enable data transmission in a second. It supports hot plug and play with Window98/NT/2000/XP OS.
- . More compatible: CAD/CAM software like type3, artcam, castmate, proe, UG, wentai software, etc.
- . It is able to keep engraving even when the electricity is cut-off or the tool is broken.

#### Applications:

Strong and sturdy, for a durable reliable performance. Easy operation at a reasonable price. Multi-functions and wide range of application make it possible to process any wooden products, advertising sign plates, acrylic cutting, etc. Any metal or non-metal material can be processed, for example: iron, copper, aluminum, plastic plate, wood, etc.

#### Spare Parts:

Engraving tools. Please visit [http://www.sign-in-china.com/catalogs/136/Engraving\\_bits.html](http://www.sign-in-china.com/catalogs/136/Engraving_bits.html) to find suitable tools.

#### Warranty and aftersales service:

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

## Samples:



## Details

Interface	USB
Engraving Software	UCANCAM(standard) or Type 3(optional)
Type Of Worktable	Aluminum-alloy table
Repetition Precision	0.0039" (0.1mm)
Engraving Precision	0.0039" (0.1mm)
Rotational Speed Of Spindle	6000-24000rpm
Spindle Power	1.5KW
Maximum Engraving Speed	393.7" (10000mm)/min
Maximum Engraving Area	47.2" x 47.2" (1200 x 1200mm)

## Specifications

Maximum Engraving Area	47.2" x 47.2" (1200 x 1200mm)
Spindle Power	1.5KW inverter-driven spindle motor cooled by water.
Travel Speed (X, Y, Z tri-axial move together)	394" (10m)/min
Instruction Resolution	0.00039" (0.01mm)

Repetition Precision	0.0039" (0.1mm)
Engraving tools	Ø3.175 or Ø6.00
Rotational Speed of Spindle	6000-24000rpm
Height From `Gantry` to Worktable	3.5" (90mm)
CNC Controller	DSP
Engraving Software	UCANCAM(standard) or Type 3(optional)
Driving Motor Type	Step motor
Worktable Type	Aluminum-alloy table
Interface	USB
Capacity of Memory	32M
Instruction Format	G code or HPGL
Power Consumption	600W
Cooling Method	Water-cooling (air-cooling also available)
Power Supply	The voltage is configured according the local requirements: AC 110V-240V; 50Hz or 60Hz current (Country before placing an order)
Spare Parts	Cutter
Upgrade	You can upgrade the power of spindle to 2.2KW, 3.5KW, and you can chose the servo motor.
Machine Dimensions	63.0" x 55.1" x 55.1" (1600 x 1400 x 1400mm)
Machine Weight	573.2lb (260kg)
Packaging	Fumigation free package
Packaging Size	72.8" x 68.9" x 63.0" (1850 x 1750 x 1600mm)
Gross Weight	881.9lb (400kg)

## Tags

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