

LASER ENGRAVING AND CUTTING MACHINE

BCL-X series



World brand



WIFI Control



Honors



3 Years warranty

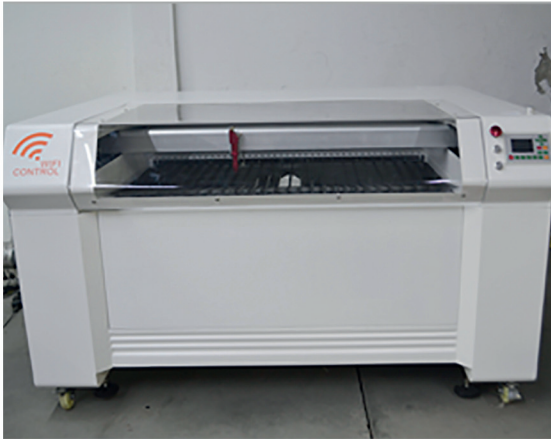


Swiss design

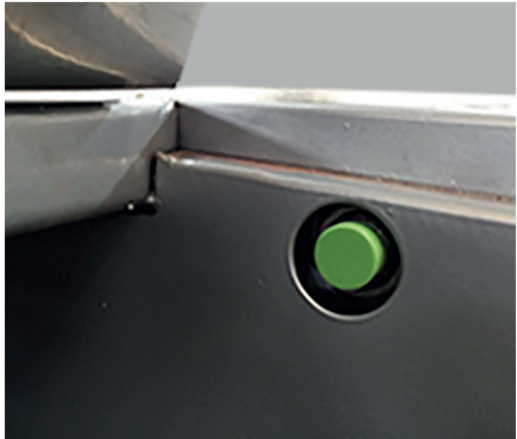


Multi-language
service

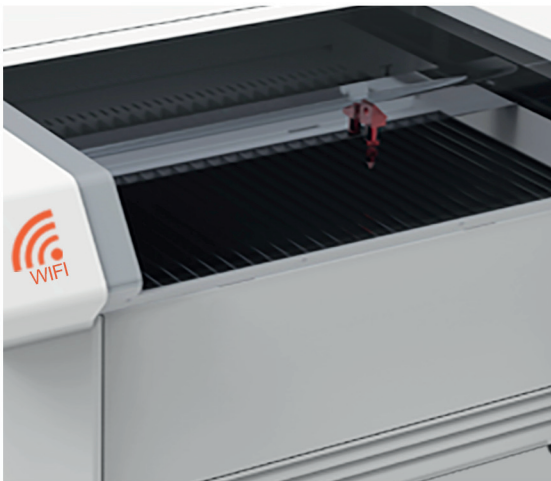
DETAILS INTRODUCTION



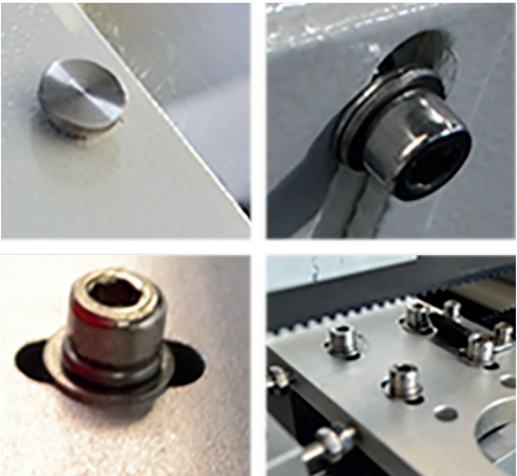
Big eye design
Transparent acrylic window easy to observe work process Scientific 75° angle design accord with human operation habit



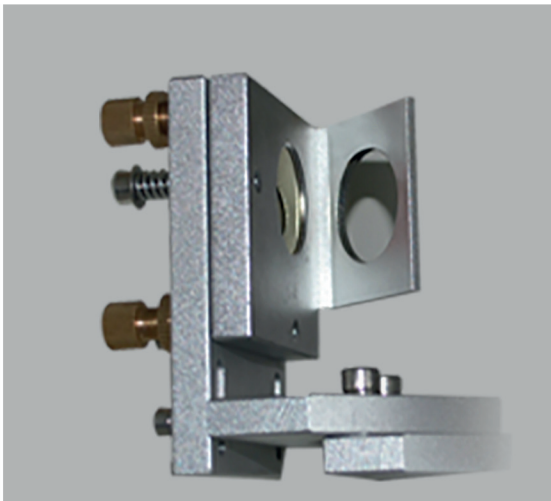
Door Sensor Interlock



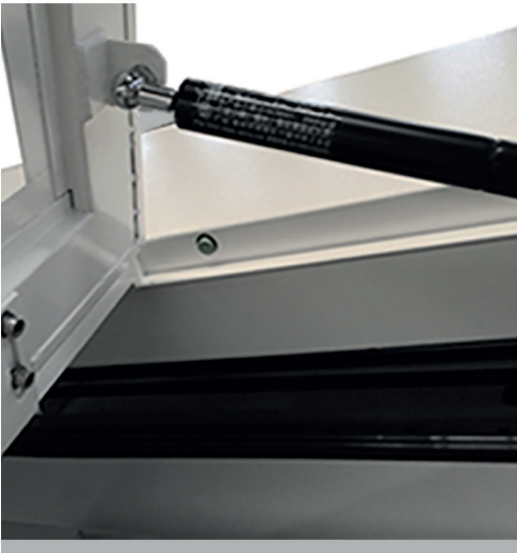
blade worktable



All screws are made by stainless steel

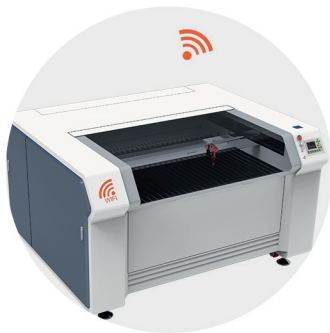


45° mirror adjustment set
Easy to adjust laser path



Door Sensor Interlock

PARTS AND FUNCTION



WIFI wireless control
Convenient - Wireless control
High efficiency - One PC can control
more than one set machines



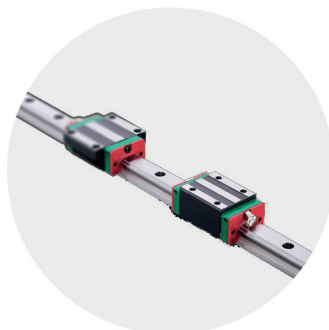
Stepper motor
High-precision
3-phase stepper motor drive



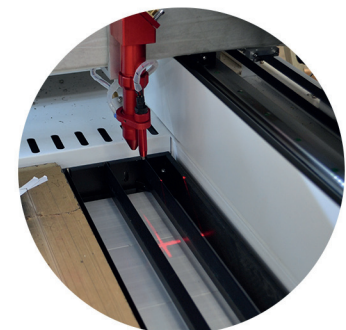
Laser tube
Stable laser path, life time
more than 10000 hours.



Japan Omron Electronic
components



Taiwan Square rail
It features equal load ratings in
the radial, reverse radial and
lateral directions, and self-aligning
to absorb installation-error.



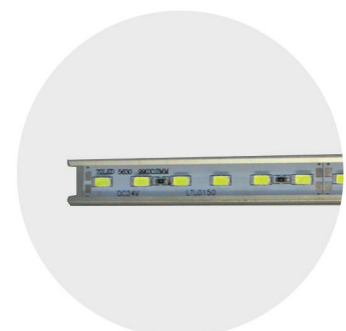
Red cross dot position system
Accurate to position
convenient to cut and engrave



Taiwan belt
Stable transmission
easy to maintain



Ultra-light X axis constructure design
Our patent design to ensure
high-speed moving



LED light
Energy efficient highlight
long life time

MAIN FEATURES 9 BEST ADVANTAGES

1

High precision.
Use taiwan square rail,
famous 3-phase step motors

3

Strong body.
Machine frameworks are
made by square tubes.

5

Turn off the power to
continue engraving.
Cap protection

7

Professional control system
fast,friendly,easy to use

9

3 years warranty

2

3 in 1 closed beam,
simple and generous

4

"Big eye" design
Transparent acrylic window,75°
cover angle,easy to observe.

6

Professional control system
Offers fast cutting function
with shortest process path,
save time.

8

Long-life laser tube.
10000 hours life time!

LASER ENGRAVING AND CUTTING MACHINE BCL-X SERIES

MACHINE PARAMETER

Model	BCL1006X	BCL1309X	BCL1610X	BCL1812X
Working Area	1000*600mm	1300*900mm	1600*1000mm	1800*1200mm
Laser Power	80W/100w/120w/150w/			
Laser Type	CO2 Sealed Laser Tube ,10.6μm			
Cooling Type	Water Cooling			
Engraving Speed	0-60000mm/min			
Cutting Speed	0-40000mm/min			
Laser Output Control	0-100% set by software			
Min. Engraving Size	Chinese:2.0mm*2.0mm, English Letter: 1.0mm*1.0mm			
Highest Scanning Precision	4000DPI			
Locating Accuracy	≤+0.01mm			
Controlling Software	DSP Control System			
Graphic Format Supported	DST PLT BMP DXF DWG AI LAS,etc			
Compatible Software	CORELDRAW,PHOTOSHOP, AUTOCAD,TAJIMA,etc.			
Color Separation	Yes			
Drive System	High-precision 3-phase Stepper Motor			
Auxiliary Equipments	Exhaust Fan and Air Exhaust Pipe			
Power Supply	AC110V/220V+10%,50HZ/60HZ			
Working Environment	Temperature:0-45C, Humidity 5-95%(No Condensate Water)			

Application

Industries: Mould industry (construction mould, aviation and navigation mould, wooden mould), advertising, decoration, arts and crafts, electronics, electric appliances, etc.

Materials: Materials such as acryl, wood planks(light planks,candlenut wood), bamboo ware, double color board, paper, leather, shell, coconut shell, ox horn, resin animal grease,ABS board, lamp shade, etc.

