

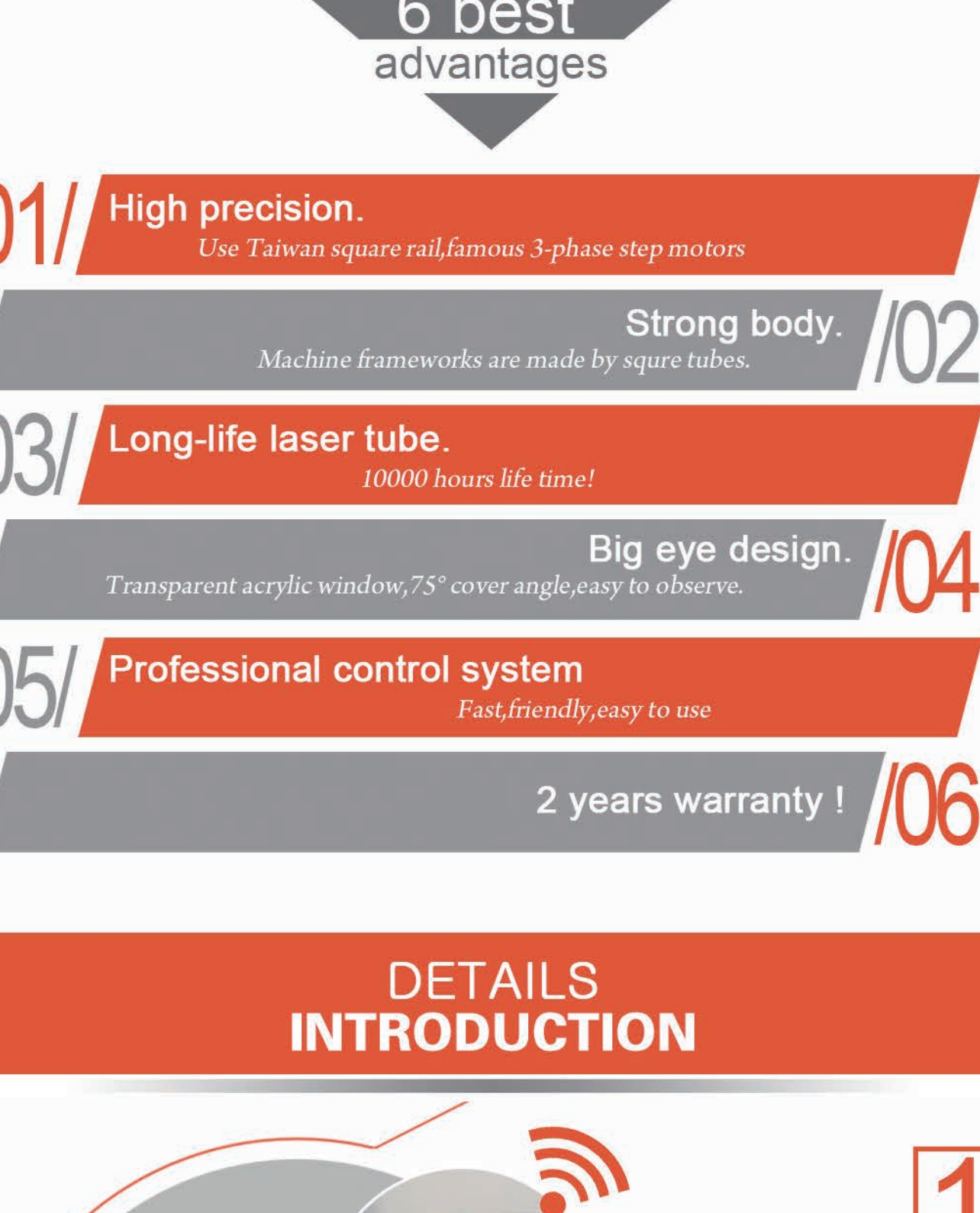
# HIGH-PRECISION LASER ENGRAVING AND CUTTING MACHINE

**BCL-X series**

**2 years warranty**

- World brand
- Swiss design
- 2 Years warranty
- Honors
- Multi-language service

## PRODUCT INTRODUCTION



## MAIN FEATURES

**6 best advantages**

- 01/ High precision.**  
Use Taiwan square rail, famous 3-phase step motors
- 02/ Strong body.**  
Machine frameworks are made by square tubes.
- 03/ Long-life laser tube.**  
10000 hours life time!
- 04/ Big eye design.**  
Transparent acrylic window, 75° cover angle, easy to observe.
- 05/ Professional control system**  
Fast, friendly, easy to use
- 06/ 2 years warranty!**

## DETAILS INTRODUCTION

- 1** **WiFi control**  
Convenient - Wireless control  
High efficiency - One PC can control more sets machines
- 2** **Big eye design**  
Transparent acrylic window.  
Angle between cover and machine up to 75°, easy to observe.
- 3** **Coreldraw&CAD control directly**  
Advanced working software which can be embedded into Coreldraw and CAD. User can operate the machine by Coreldraw or CAD software directly.
- 4** **Red cross position system**  
convenient to adjust material.  
Red cross and auto focus device are at the behind laser head, more beautiful.
- 5** **Belt made in Taiwan**
- 6** **Accessory devices independent control**
- 7** **45° mirror adjustment set**  
Easy to adjust laser path.
- 8** **LED light**  
Energy efficiency  
High brightness  
Long life time
- 9** **Control Panel**  
Show the working process directly convenient to check
- 10** **Japan Omron Electronic components**
- 11** **Aluminum alloy buttons**
- 12** **Adjustable laser tube holders**  
Easy to install 40-90W laser tubes.
- 13** **High-precision 3-phase step motor driver**
- 14** **Amperemeter**
- 15** **Taiwan Square Rail**  
- High speed and precision  
- High load capacity and rigidity
- 16** **All screws are made by stainless steel**
- 17** **Door Sensor Interlock**

## OPTION



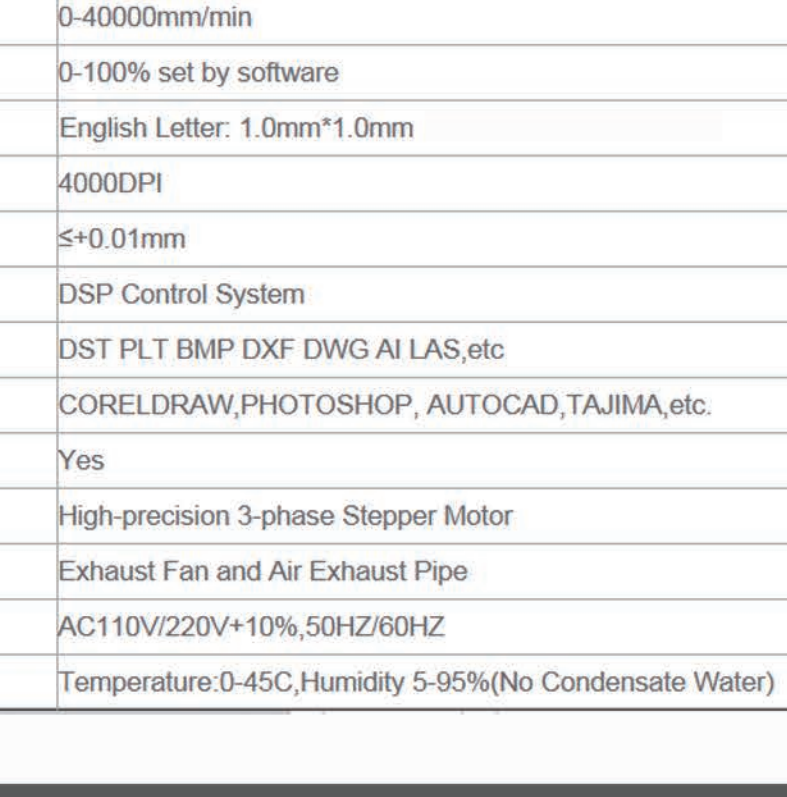
Honeycomb worktable

Rotary device

Up&down table

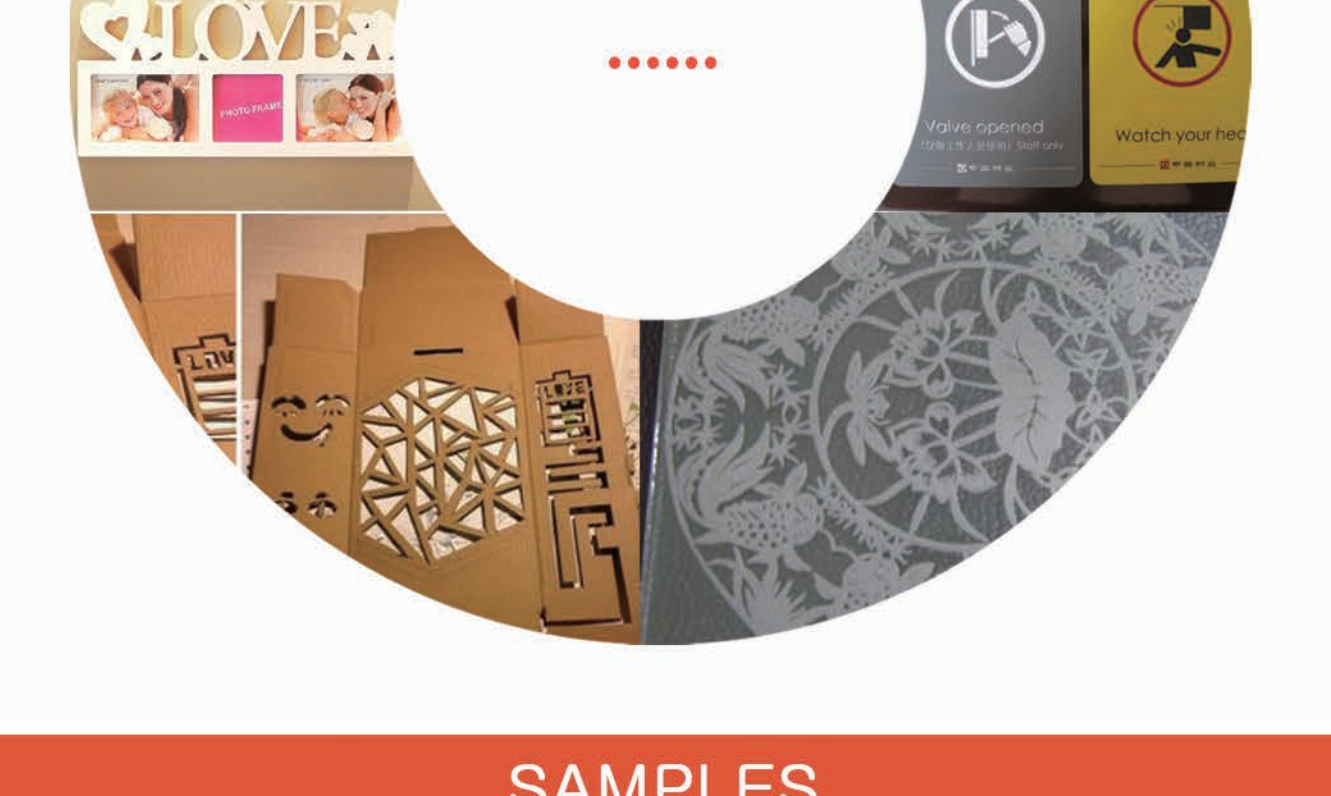
## SIDE PHOTO SHOW

**1. Back open to put the long material through**



## SIDE PHOTO SHOW

**2. The water pipes and electric wires are separated to protect the electric components from water.**



Electrical connection

Water interface

## TECHNICAL PARAMETER

Model	BCL1006X	BCL1309X	BCL1610X	BCL1812X	Option
Working Area	1000*600mm	1300*900mm	1600*1000mm	1800*1200mm	According to Demands
Laser Power	100w/120w/150w/260w				
Laser Type	CO2 Sealed Laser Tube , 10.6um				
Cooling Type	Water Cooling				
Engraving Speed	0-6000mm/min				
Cutting Speed	0-4000mm/min				
Laser Output Control	0-100% set by software				
Min. Engraving Size	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)				

## APPLICATIONS

**Applicable Industries:** Advertising, decoration, arts and crafts, electronics, electric appliances, etc.  
**Applicable 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.



## SAMPLES SHOW

