MINI LASER ENGRAVING AND CUTTING MACHINE

BCL-MU *series*

2 years warranty

World brand

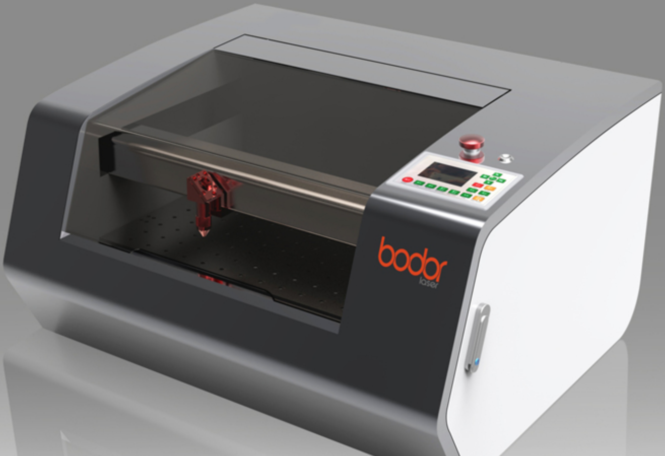
Swiss design

2 Years warranty

Honors

Multi-language service

PRODUCT
INTRODUCTION


bodor
laser

MAIN FEATURES

7 best
advantages

01/ Smart size

Easy to put and work

Big eye design /02

Transparent acrylic window,easy to view

03/ Stainless steel hollow table

Eject smoke well, never rust

High-efficiency laser tube /04

Excellent laser beam long life time 4000-10000 hours

05/ UP-down work table

Use ball screw transmission system

Professional control system /06

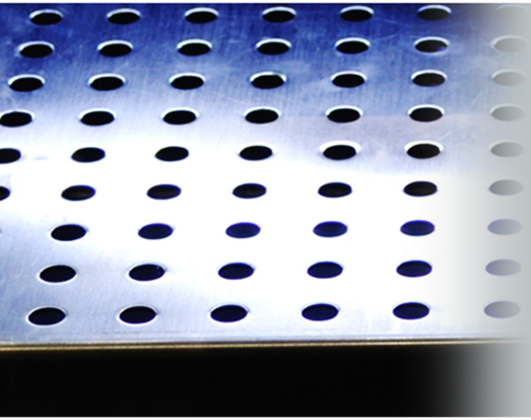
Offers fast cutting function wih shortest process path,save time.

07/ 2 years warranty !

DETAILS
INTRODUCTION

1 Big eye design

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

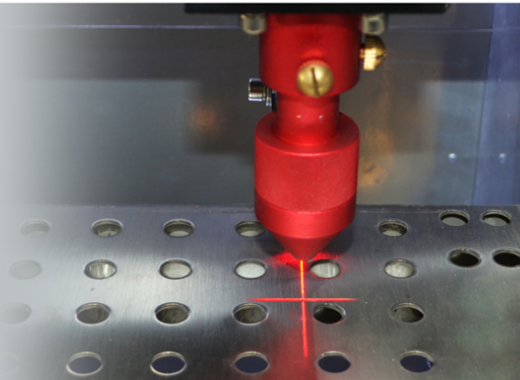


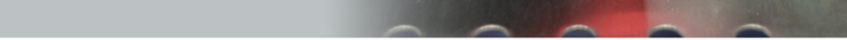
2 Stainless steel up-down table

-- very stable
-- never rust
-- high load capacity

3 Red cross dot position system

-- accurate to position
-- convenient to cut and engrave





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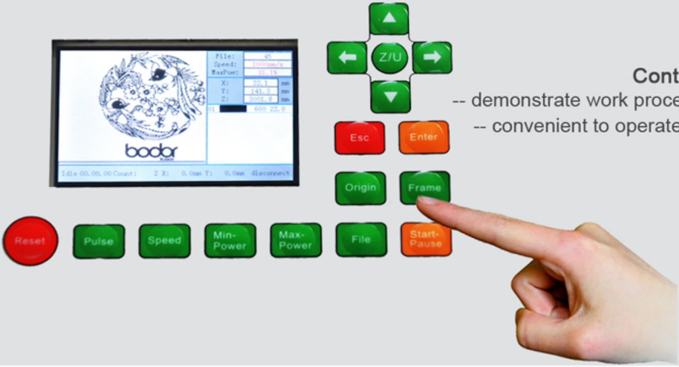
Control panel

-- demonstrate work process clearly
-- convenient to operate and view


File:
Speed:
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X:
Y:
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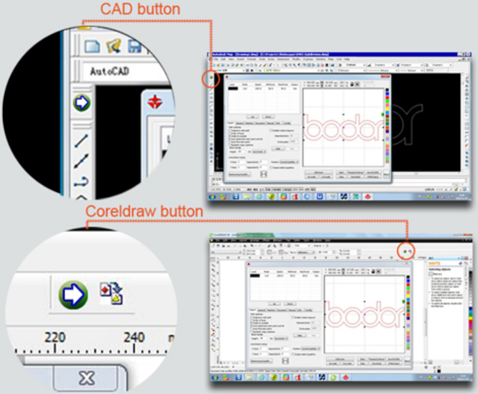
bodor
Z/U
Esc
Enter
Origin
Frame
Reset
Pulse
Speed
Min-Power
Max-Power
File
Start-Pause

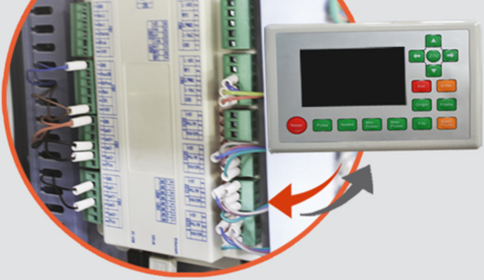
5

Coreldraw&CAD control directly

Advanced working software which can be embeded into Coredraw and CAD, User can operate the machine by Coredraw or CAD software directly.


CAD button
AutoCAD
Coreldraw button
220
240

6



Professional control system

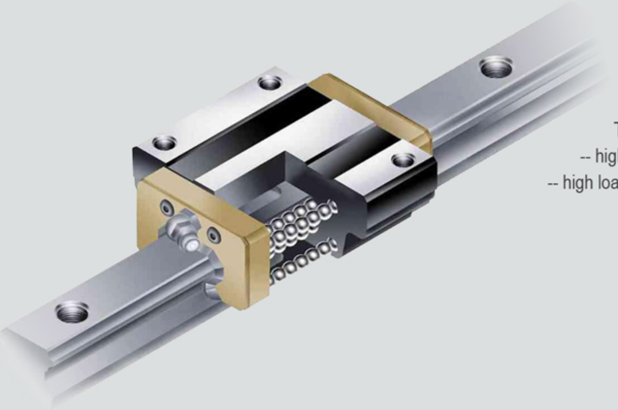
-- support fast cutting with shorest path selection

7

Taiwan belt

-- stable transmission

-- easy to maintain



8

Taiwan Square Rail

-- high speed and precision

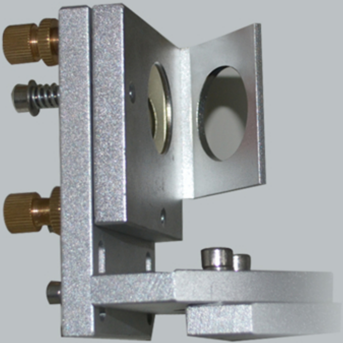
-- high load capacity and rigidity

9

LED light

-- energy efficiency
-- high brightness
-- long life time

72LED 5630
DC24V
LTL0150



10

45° mirror adjustment set

-- easy to adjust laser path

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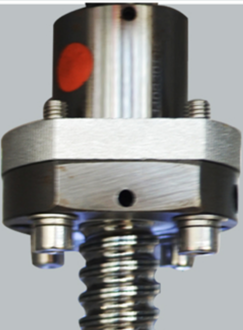
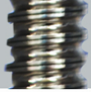
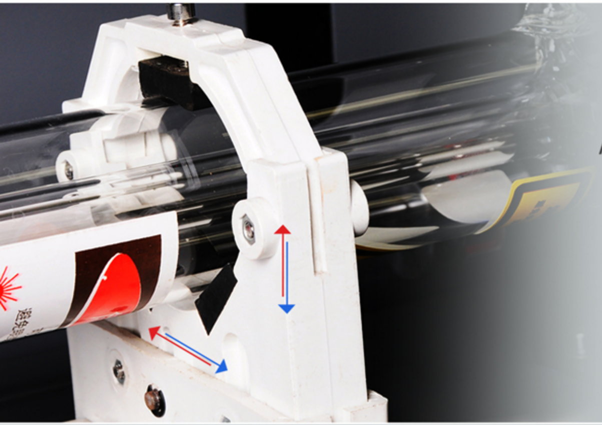
Lift platform is drived by ball screw

-- high precision
-- low noise







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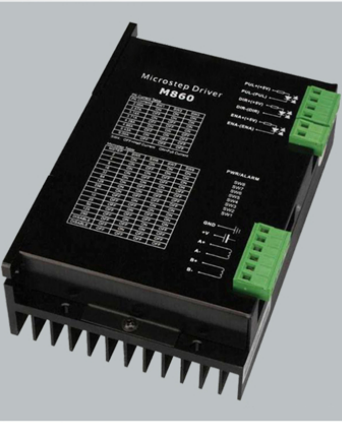
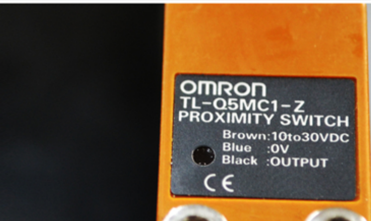
Adjustable tube holders
-- easy to install 40-90W
laser tubes.

13

High-precision 3-phase step
motor driver


Microstep Driver
M860
PUL+(+5V)
PUL-(PUL)
DIR+(+5V)
DIR-(DIR)
ENA+(+5V)
ENA-(ENA)
PWR/ALARM
GND
+V
A+
A-
B+
B-


OMRON
TL-Q5MC1-Z
PROXIMITY SWITCH
Brown:10to30VDC
Blue :0V
Black :OUTPUT
CE

14

Japan Omron Electronic components

15

Aluminum alloy buttons

http://www.xdgas-spring.com

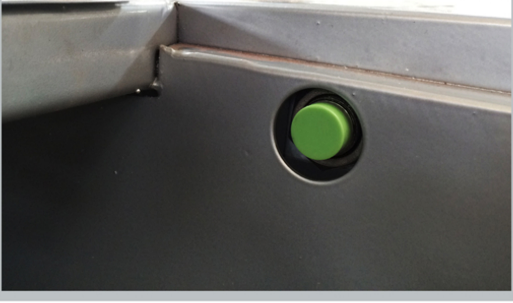
16

Pneumatic support bar

17

17

Door Sensor Interlock



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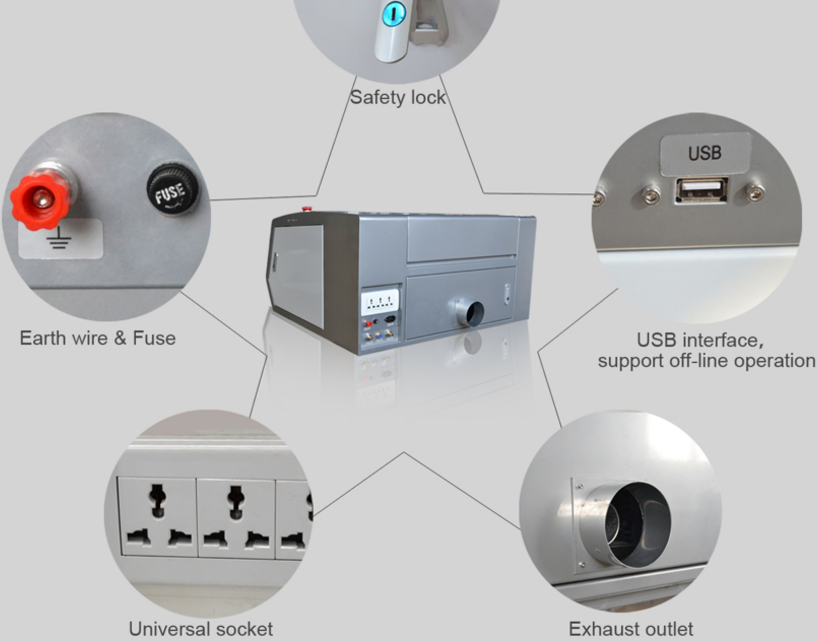
All screws are made by stainless steel

BACK OF THE MACHINE



Safety lock

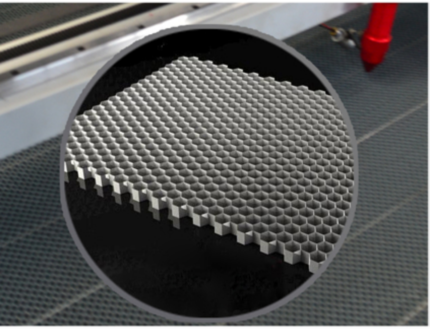
Earth wire & Fuse

USB interface,
support off-line operation

Universal socket

Exhaust outlet

OPTION



Hoenycomb work table

Rotary Device

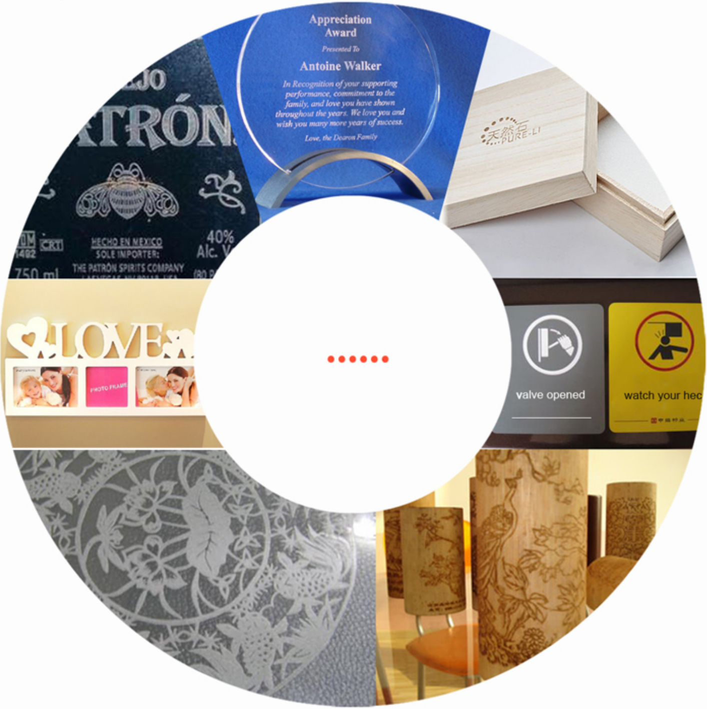
TECHNICAL PARAMETER

Model	BCL0503MU	BCL0605MU
Working Area	500*300mm	600*500mm
Laser Power	40W/50W/60W/90W ℃	
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 Speed	English Letter: 1.0mm*1.0mm	
Highest Scanning Precision	4000DPI	
Locating Precision	≤+0.01mm	
Controlling Software	DSP Control System	
Graphic Format Supported	DST PLT BMP DXF DWG AI LAS,etc	
Compatible Software	TAJIMA,CORELDRAW,PHOTOSHOP,AUTOCAD,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:0-45 ,Humidity 5-95%(No Condensate Water)	
Optional Spare Parts	Honeycomb Worktable, Rotary Device,Auto-focus Device	

APPLICATIONS

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.


ATRÓN
HECHO EN MEXICO
SOLE IMPORTER:
THE PATRÓN SPIRITS COMPANY
40%
Alc. V
750 ml
Appreciation
Award
Presented To
Antoine Walker
In Recognition of your supporting performance, commitment to the family, and love you have shown throughout the years. We love you and wish you many more years of success.
Love, the Dearon Family
天然石 PURE-LI
LOVE
PHOTO FRAME
valve opened
watch your hec

SAMPLES SHOW

intel inside

PHILIP
Eagle Heights
Luxury Living
Lonnie Williams
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