

Laser Metal&Non-Metal Cutting Machine

BCL-BM



3 Years warranty



Honors



World brand

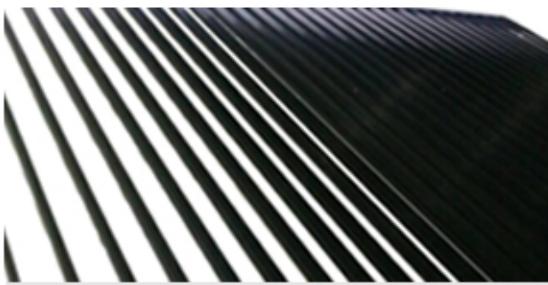


WIFI Control



Multi-language
service

DETAILS INTRODUCTION



Standard Blade Working Table



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.



USB interface supports off-line operation



45° mirror adjustment set
Easy to adjust laser path



Control Panel

demonstrate work process
clearly convenient to
operate and view



The drawer for collecting
the finished products.



All screws are made by stainless steel



Bottom Wheel +Bottom basement

PARTS AND FUNCTION



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



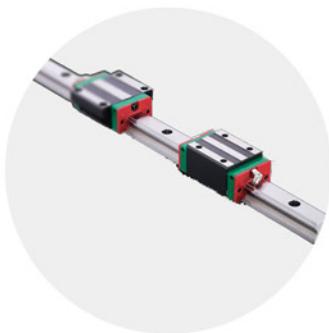
Mixed cutting laser head
It features equal load ratings in
the radial, reverse radial and
lateral directions, and self-aligning
to absorb installation-error.



Laser tube
When the working current is
4mA and the tube is in the state of
preionization, the laser can be used
for high-frequency impulse engraving



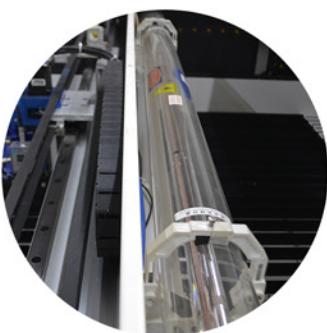
Japan Omron Electronic
components



Total 5 pcs reflection mirrors
ensure stable light path



Stepper motor
High-precision
3-phase stepper motor drive



Constant laser light path,
ensure perfect cutting effect
laser tube sit on and move together
with the transom of X axis, ensure
the constant laser output power.



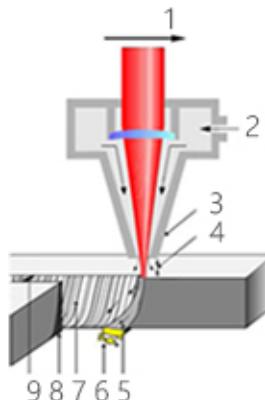
LED light
Energy efficient highlight
long life time



Belt made in Taiwan

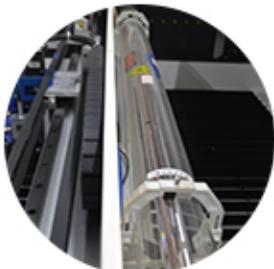
WORKING PRINCIPLE

1. Moving direction
2. Auxiliary Gas
3. Nozzle
4. Nozzle Distance
5. Molten Material



6. Residues
7. Cutting section
8. Heat Affected Zone
9. Joint-Cutting

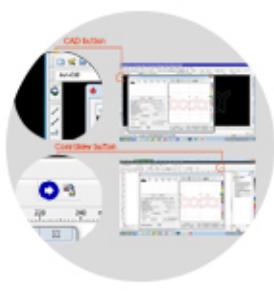
Constant light path



Total 5pcs reflection mirrors ensure stable light path



Z axis with
auto-focus function
Screw transmission



Coreldraw&CADcontrol directly
Advanced working software which
can be embeded into Coreldraw and
CAD, User can operate the machine
by Coreldraw or CAD software directly

Wide control system compatibility

Graphic Format Supported DST PLT BMP DXF DWG AI LAS,etc

support

DST

1

PLT

2

DXF

3

BMP

4

DWG

5

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MAIN FEATURES 6 BESTADVANTAGES

1

High speed marking

Special laser head for
high-speed scanning

2

Strong body

Machine frameworks are made
by square tubes.

3

Long lifetime

More than 10000 hours
life for the laser source

4

Ultra-light X axis construction design

Bodor's patent design to ensure
high-speed moving

5

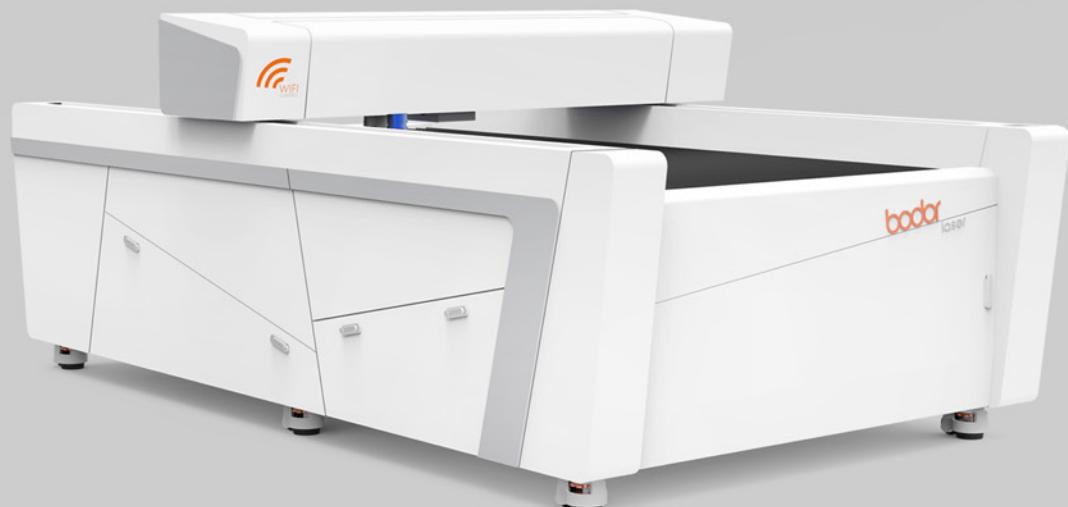
Professional control system

Fast,friendly,easy to use

6

3 years warranty !

SIDE PHOTO SHOW



LASER METAL&NON-METAL CUTTING MACHINE BCL-BM SERIES

MACHINE PARAMETER

Model	BCL1325BM	BCL1530BM
Working Area	1220*2500mm	1500*3000mm
Transmission	Belt	Belt
Laser Power	150w	
Laser Type	Sealed Co2 Laser Tube,10.6μm	
Cooling Type	Water Cooling	
Laser Output Control	(0-100% Set by Software)	
Smallest Character Engraving	Chinese: 2.0mm*2.0mm, English Letter: 1.0mm*1.0mm	
Highest Scanning Precision	4000DPI	
Positioning Accuracy	0.05mm	
Positioning Speed	20m/min	
Max. Cutting Thickness	30mm	
Max. Cutting Speed	20m/min	
Controlling Software	DSP Control System	
Graphic Format Supported	DST PLT BMP DXF DWG AI LAS, etc	
Compatible Software	TAJIMA, CORELDRAW, PHOTOSHOP, AUTOCAD, All type of AUTOCAD software	
Power Supply	AC110V/220V+10%,50HZ/60HZ	

Application

- **Material:**
Thin metal,leather,cloth,paper,plastic, bamboo ware,acrylic,crystal,ABS board,double color board etc.
- **Industry:**
Mould industry (construction mould, aviation and navigation mould, wooden mould), advertising, decoration, arts and crafts,electronics, electric appliances, etc.

