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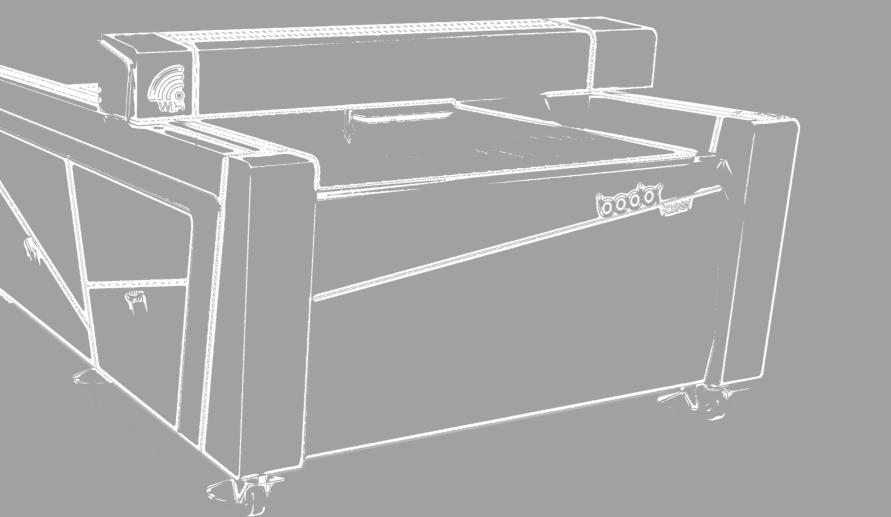
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# CO2 LASER

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|   | BCL-XM SERIES  | P08 |
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# COMPANY 🗖

BODOR Laser, an international manufacturer dedicated to industrial laser solution, is specialized in the R&D, production and marketing of Fiber&Co2 laser equipment, including Laser Engraving &Cutting &Marking machines. Since its establishment, BODOR has regarded brand building as its core mission which powers the enterprise development throughout its growth. A global service network backed by BODOR's strong technical strength comes to customer needs at anytime and anyplace. BODOR laser, gathering global wisdom, sells to more than 150 countries and assists to promote the initiate of intelligently Made in China.



# OUR STRENGTH



# BODOR ENTERPRISE CULTURE

#### **OUR DREAMS**

Give every staff member a sense of happiness, passion, and accomplishment! Be the leader in the national laser industry, let China intelligent manufacturing win the world praise! Be the frontrunner in the world laser industry, to change human life with laser technology!

#### **CORE VALUE**

Chasing dreams, passion, integrity, efficiency, innovation, cooperation

#### ACTION STYLE

Army - mission must be reached School - exploration and innovation Home - cohesion and thanksgiving











#### Multi-language service



### Strong R&D team



#### QC System



### TECHNICAL PARAMETERS

| Model           | BCL 0503MU               | BCL 0605MU               |
|-----------------|--------------------------|--------------------------|
| Working Area    | 500x300mm<br>1.64'x0.98' | 600x500mm<br>1.97'x1.64' |
| Laser Power     | 40w                      | 40w/80w                  |
| Engraving Speed | 0-60000mm/min            |                          |
| Cutting Speed   | 0-40000mm/min            |                          |

boobr

Smart size Easy to put and work

6 Stainless steel hollow table Eject smoke well, never rust.



### **10 BEST ADVANTAGES**

3 in 1 closed beam, Simple and generous

2

Up-down work table Use ball screw

150mm stainless steel up and down table With ball screw, higher accuracy.

3

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

9

5 Turn off the power to continue engraving



10 3 years warranty

Excellent laser beam with long transmission system life time of 4000 -10000 hours

High-efficiency laser tube Professional control system Provides fast cutting function with the shortest light path process, easy to use and save time.



# **BCL-X** [Co2 Laser] Laser Engraving And Cutting Machine



# 8 BEST ADVANTAGES

## TECHNICAL PARAMETERS

| Model           | BCL 1006X                 | BCL 1309X                 | BCL 1610X                  |
|-----------------|---------------------------|---------------------------|----------------------------|
| Working Area    | 1000x600mm<br>3.28'x1.97' | 1300x900mm<br>4.27'x2.95' | 1600x1000mm<br>5.25'x3.28' |
| Laser Power     | 80w/100w/120w/150w        |                           |                            |
| Engraving Speed | 0-60000mm/min             |                           |                            |
| Cutting Speed   | 0-40000mm/min             |                           |                            |

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



continue engraving Provides fast cutting Open cover with protection function with shortest light path process,easy to use



2 3 in 1 closed beam Simple and generous

and save time.



Strong body



 
 Turn off the power to
 Professional control system
 Long-life laser tube
10000 hours life time

"Big eye" design Machine frameworks are<br/>made by square tubes.Transparent acrylic window,<br/>75° cover angle, easy to observe.



# BCL-X2H [Co2 Laser] Double Heads Laser Engraving And Cutting Machine



| Model                  |                               | BCL 1610X2H                   |
|------------------------|-------------------------------|-------------------------------|
| Effective Working Area | Two Laser Heads Separable     | 800x1000mmx2<br>2.62'x3.28'x2 |
| Effective Working Area | Two Laser Heads In One Slider | 1600 x1000mm<br>5,25'x3.28'   |



(GWIE)







# 8 BEST ADVANTAGES

2 3 in 1 closed beam Simple and generous

and save time.

3



Turn off the power to<br/>continue engravingProfessional control system<br/>Provides fast cuttingLong-life laser tube<br/>10000 hours life time

Strong body"Big eye" designMachine frameworks are<br/>made by square tubes.Transparent acrylic window,<br/>75° cover angle, easy to observe.



# BCL-XM (Co2 Laser ] Laser Metal&Non-metal Cutting Machine



#### TECHNICAL PARAMETERS

| Model                | BCL1309XM                     |
|----------------------|-------------------------------|
| Working Area         | 1220x900mm<br>4.00' x2.95'    |
| Laser Power          | 150w                          |
| Laser Type           | CO2 Sealed Laser Tube, 10.6µm |
| Cooling Type         | Water Cooling                 |
| Positioning Accuracy | ±0.05mm                       |

Non-contact height-adjusting configuration Enables to cut almost all materials with lowest cost

Steady chassis Ensure stability and precision during high speed work.



## **6 BEST ADVANTAGES**

High efficiency tube With stable laser path, life time more than 10000 hours.

2

# 5

Moving system Adopts famous Taiwan linear guide and precision gear, matched up with advanced DSP-controlled 3-phase stepper motor to ensure the working accuracy.

# 3

Working table Open blade with special treated material, durable and operated easily suitable for all kinds of hard materials.

# 6

3 years warranty Stable cutting quality with comprehensive cutting

application: able to cut both metal and nonmetal materials.

# BCL-B (Co2 Laser ] Laser Cutting Bed



### TECHNICAL PARAMETERS

| Model         | BCL1325B                   | BCL1530B                   | BCL1630B                   | BCL2030B(optional)         |
|---------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Working Area  | 1300x2500mm<br>4.27'x8.20' | 1500x3000mm<br>4.92'x9.84' | 1500x3000mm<br>4.92'x9.84' | 2000x3000mm<br>6.56'x9.84' |
| Laser Power   | 150w                       |                            |                            |                            |
| Cutting Speed | 0-40000mm/min              |                            |                            |                            |

High speed engraving Special laser head for high-speed scanning

Ultra-light X axis constructure design BODOR's patent is designed to ensure high-speed moving



# 6 BEST ADVANTAGES

2 Strong body Machine frameworks are made by square tubes.

5 Professional control system

Fast, friendly, easy to use.

3 Long lifetime More than 10000 hours life for the laser source



# **BCL-BM** (Co2 Laser ] Laser Metal&Non-Metal Cutting Machine



# 6 BEST ADVANTAGES

#### TECHNICAL PARAMETERS

| Model                | BCL1325BM                    | BCL1530BM                  |
|----------------------|------------------------------|----------------------------|
| Working Area         | 1220x2500mm<br>4.00'x8.20'   | 1500x3000mm<br>4.92'x9.84' |
| Laser Power          | 150w                         |                            |
| Laser Type           | Co2 Sealed Laser Tube,10.6µm |                            |
| Cooling Type         | Water Cooling                |                            |
| Positioning Accuracy | ±0.05mm                      |                            |

High speed engraving Special laser head for high-speed scanning

4

Ultra-light X axis constructure design BODOR's patent is designed to ensure high-speed moving



**2** Strong body Machine frameworks are made by squre tubes.

5

Professional control system Fast, friendly, easy to use.





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# BML-FC (Laser Marker) Fiber Laser Marking Machine



### **TECHNICAL PARAMETERS**

| Model             | BML-FC                       |
|-------------------|------------------------------|
| Laser Power       | 20w/30w                      |
| Marking Area      | 100x100mm (Option:200x200mm) |
| Max Marking Speed | ≤7000mm/ s                   |

High quality laser beam, fine marking The diameter of focal spot is not over 20 um

Long lifetime More than 100000 hours life for the laser source



### **6 BEST ADVANTAGES**

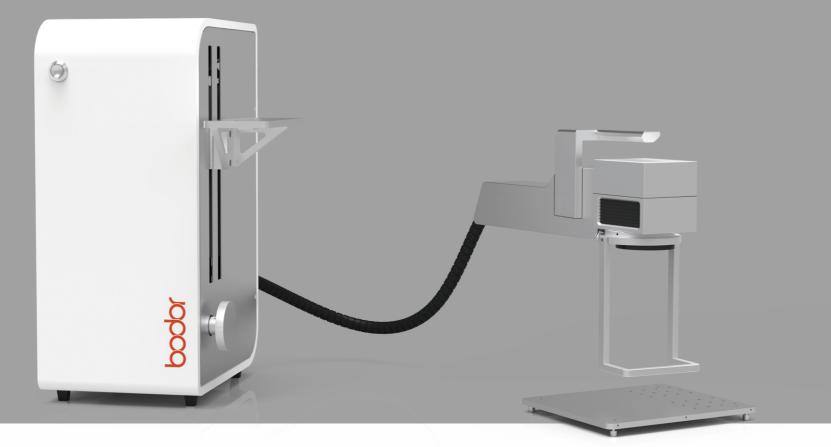
2 High speed marking Special laser head for high-speed scanning

5 Safe Protective cover with anti radiation function, dustproof and eyes protecting.

3 Low consumption About 0.5kw for whole machine



# BML-FS [Laser Marker] Portable and Separable Marking Machine



### TECHNICAL PARAMETERS

| Model             | BML-FS                       |
|-------------------|------------------------------|
| Laser Power       | 20w/30w                      |
| Marking Area      | 100x100mm (Option:200x200mm) |
| Max Marking Speed | ≤7000mm/ s                   |

High quality laser beam, fine marking The diameter of focal spot is not over 20 um





## 5 BEST ADVANTAGES



long lifetime More than 100000 hours life for the laser

2 High speed marking Special laser head for high-speed scanning



3 years warranty

3 Low consumption About 0.5kw for whole machine

# BML – FT (Laser Marker) Desktop Fiber Laser Marking Machine

# **5 BEST ADVANTAGES**

#### TECHNICAL PARAMETERS

| Model             | BML20FT BML30FT                        |  |
|-------------------|--|--|
| Laser Power       | 20w/30w                                |  |
| Marking Area      | 100x100mm (Option:200x200mm 300x300mm) |  |
| Max Marking Speed | ≤7000mm/ s                             |  |

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High quality laser beam, fine marking





The diameter of focal spot is not over 20 um



long lifetime More than 100000 hours life for the laser



5 3 years warranty







# EXHIBITION SHOW



































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# SAMPLES 🗖

