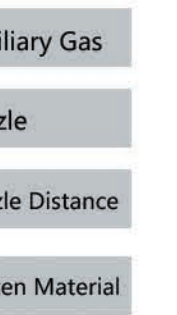
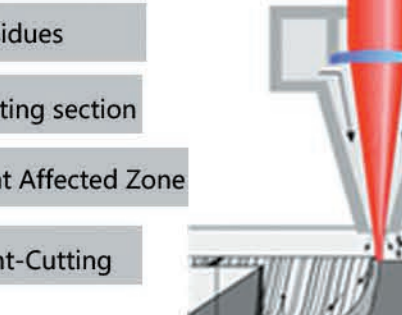
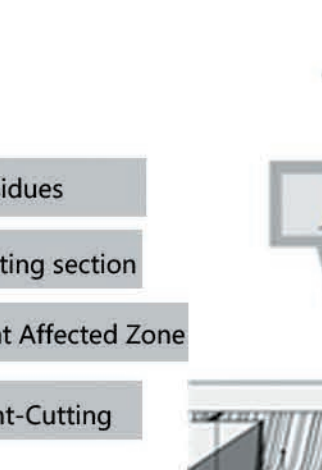


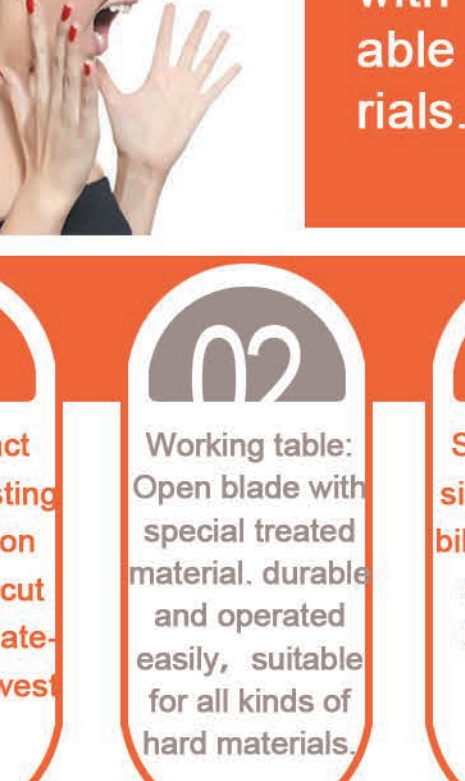
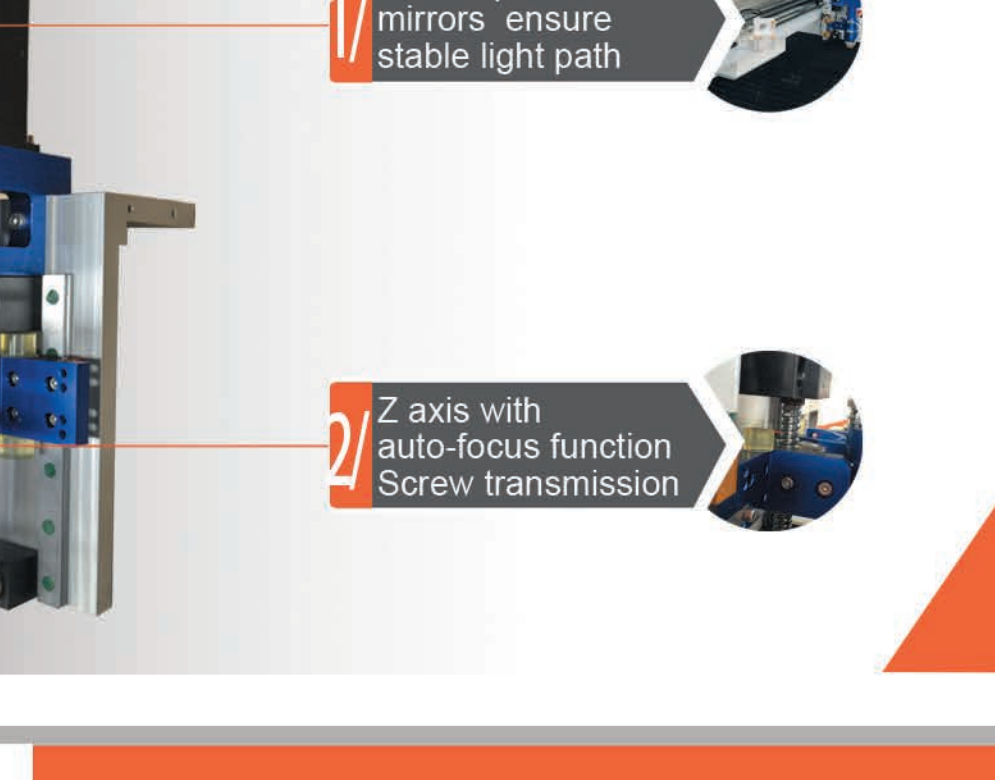
# METAL & NON-METAL

## Multi-functional Laser Cutting Bed

### BCL-BM/BSM Series



### Working principle



1 Total 5 pcs reflection mirrors ensure stable light path

2 Z axis with auto-focus function Screw transmission



2 years warranty, stable cutting quality with comprehensive cutting application: able to cut both metal and nonmetal materials.

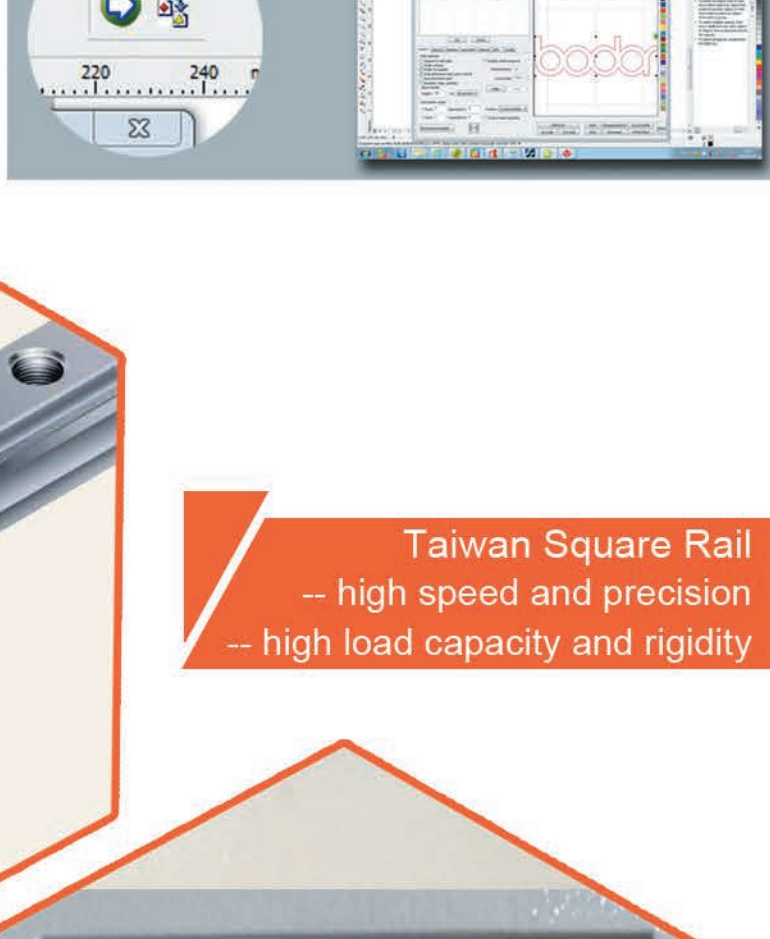
- 01 Non-contact height-adjusting configuration enables to cut almost all materials with lowest cost.
- 02 Working table: Open blade with special treated material, durable and operated easily, suitable for all kinds of hard materials.
- 03 Steady chassis: ensure stability and precision during high speed work.
- 04 Moving system adopts Taiwan HIWIN linear guide and precision gear, matched up with advanced DSP-controlled 3-phase stepper motor to ensure the working accuracy.
- 05 High efficiency tube with stable laser path, life time more than 10000 hours.

## DETAILS INTRODUCTION

Height automatic adjustment device  
Adjust height of cutting head easily

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.



Taiwan Square Rail  
-- high speed and precision  
-- high load capacity and rigidity

Amperemeter



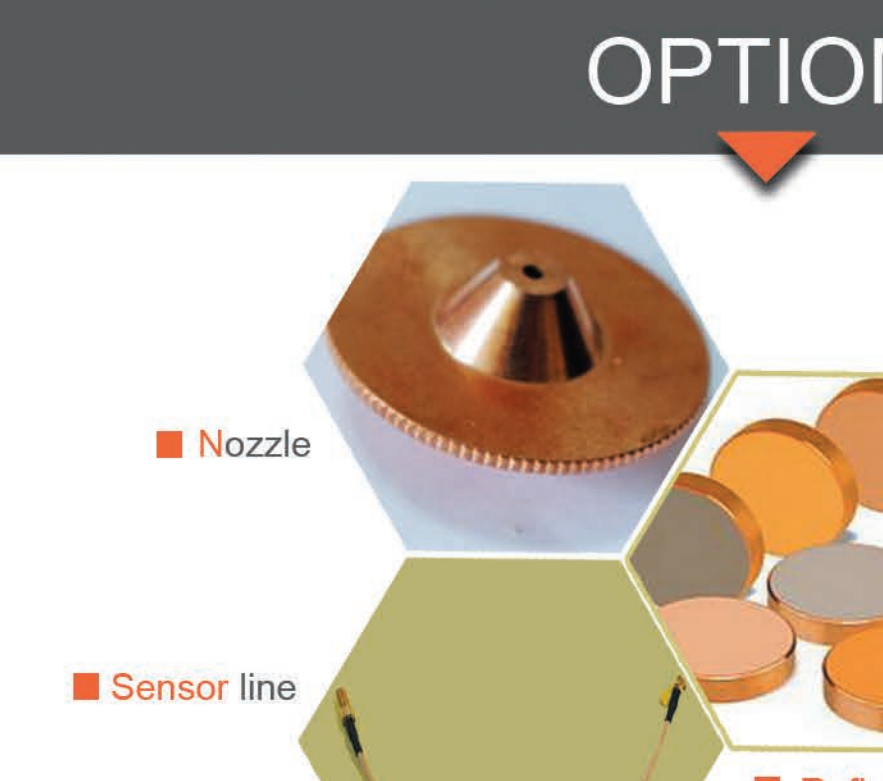
High-precision 3-phase step motor driver

Standard Blade Working Table



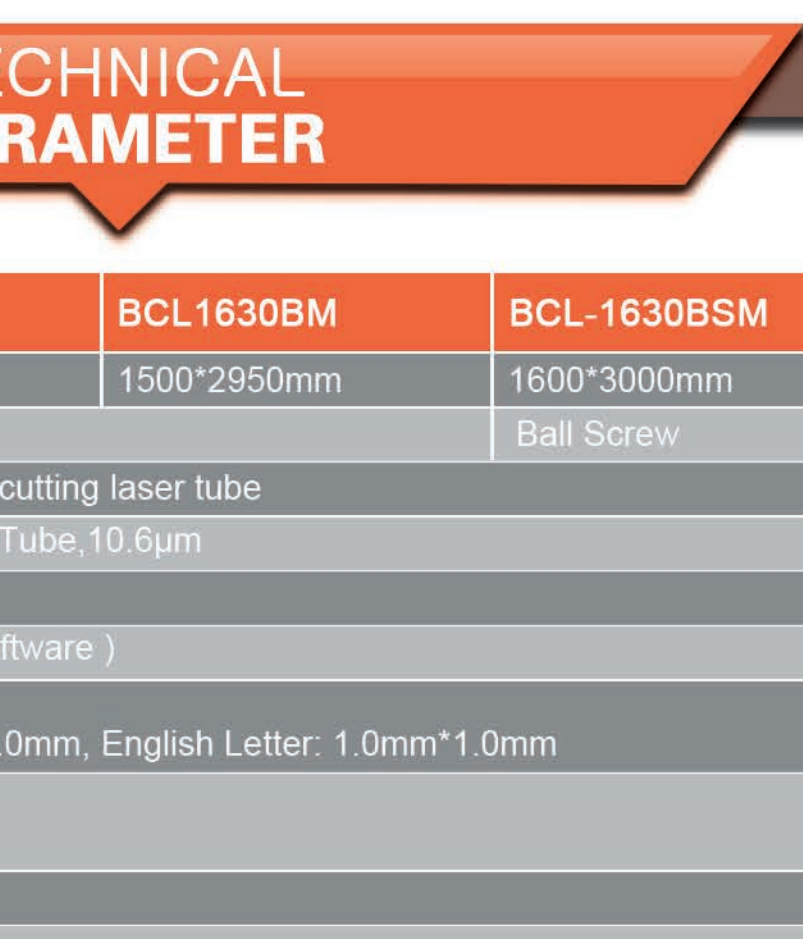
Control panel  
-- Demonstrate work process clearly  
-- Convenient to operate and view

The drawer for collecting the finished products.

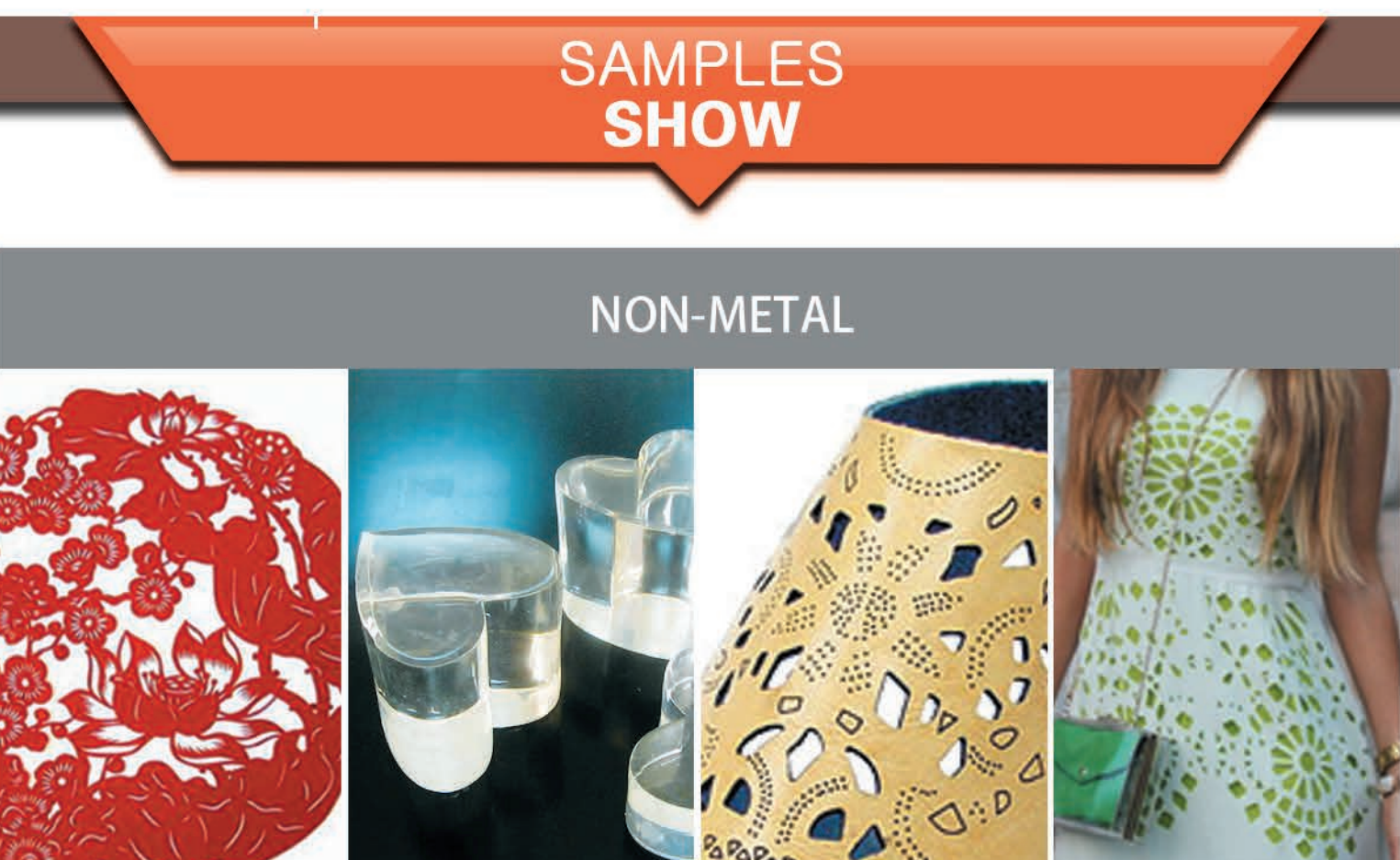


Japan Omron Electronic components

Stainless steel Chains between machine body and side door  
Protect machine from abrading



## OPTION



## TECHNICAL PARAMETER

MODEL	BCL1325BM	BCL1630BM	BCL-1630BSM
Working Area	1220*2450mm	1500*2950mm	1600*3000mm
Transmission	Belt		Ball Screw
Laser Power	150w/260w mixed-cutting laser tube		
Laser Type	Sealed Co2 Laser Tube,10.6um		
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	40mm		
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, PHOTOSOP, AUTOCAD, All type of AUTOCAD software		
Color Separation	Yes		
Power Supply	AC110V/220V+10%,50HZ/60HZ		

## SAMPLES SHOW

### NON-METAL



### METAL

