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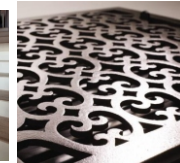
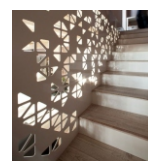


### KATALOG PRODUK

## MESIN LASER CUTTING FULL METAL BAI SHENG BSL YAG 750w



BSL YAG 750w - 3015



### Technology Parameters

Model	BSL YAG 620w - 1212	BSL YAG 750w - 2513	BSL YAG 750w - 3015
Processing Scale	1200 x 1200 mm	2500 x 1300 mm	3000 x 1500 mm
Cutting Thickness	10 mm (carbon steel)	10 mm (carbon steel)	10 mm (carbon steel)
Max. Output Power	620w	750w	750w
Laser Wave Length	1064 nm	1064 nm	1064 nm
Pulse Frequency	1-300 Hz	1-300 Hz	1-300 Hz
Max. Cutting Speed	35 mm/s	35 mm/s	35 mm/s
X,Y,Z axis geometric pos. accuracy	< ± 0.08 mm/1000mm	< ± 0.08 mm/1000mm	< ± 0.08 mm/1000mm
X,Y,Z axis re-orientation accuracy	< ± 0.02 mm	< ± 0.04 mm	< ± 0.04 mm
Machine weight	1500 kg	3780 kg	4000 kg
Cooling mode	Water Cooling	Water Cooling	Water Cooling
Electrical Source	380v / 50Hz / 600A	380v / 50Hz / 100A	380v / 50Hz / 100A

### Application Fields

- YAG Laser Cutting Machine can cut Metal Sheet or Pipe, such as Stainless Steel, Mild Steel / Carbon Steel, Copper, Aluminium, Alloy Steel, Spring Steel, Galvanized Plate, Aluminium Coated Plate, Pipe including Titanium Alloy, etc.
- YAG Laser Cutting Machine has been widely used in manufacture billboard, sheet metal structure, high-low voltage electric cabinet, textile machinery, kitchenware, metal artware, etc.

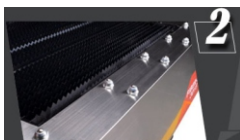
### Advantages

- Professional for cutting a variety of sheet metal, especially suitable for 1-5mm stainless steel, carbon steel 1- 10mm, cutting copper and aluminum 1-3mm, sheet metal, steel, aluminum, precious metals, ceramics, diamond and other materials and other materials.
- Wide range of applications: 8 mm or less can be cut stainless steel, carbon steel, alloy steel, spring steel, aluminum, copper, silver, titanium and other metal materials.
- High cutting precision: suitable for all kinds of sheet metal cutting and machine panels, and various metal characters, decorative pattern, precision small accessories, such as cutting.
- Cutting speed: Cutting sheet fastest straight line speed up to 4 m / min. (Depending on material)
- Low cost: All material cutting process simply blow compressed air.

### Features



**Cutting Head**  
Magnetic control, easy to disassemble and anti-crash protection.



**Working Table**  
High precision CNC fixed working table; Durable and strong table for easy loading.



**Germany Brand Reduction Gear**  
Installed on Y axis, it can protect the ball screw transmission and keep the smooth operation of the mechanism.



**Automatic Focusing Height Follower**  
USA improved technology and adopt China patents, automatic focusing.



**Advanced Optical System**  
When the laser beam come out, it will be transmitted by reflecting lens, amplifying lens, focusing lens, then it reflects a high intensity laser radiation to the metal surface, finalled a constant external light path complished.



**Operation Cut System Software**  
The professional cutting software which supports cutting path in dxf, pit and other graphic forams; Combining Joined lines to ensure automatic splice of curve nodes