

耀鉉科技



YAO HUNG

# 光纖雷射切割機 設備簡介

## Fiber Laser Cutting Machine Equipment Introduction

**產品優點：**精度高、速度快、切縫窄、光斑小、切割面光滑無毛刺，雷射頭不接觸板材無劃傷、無變形，效率是同等級功率CO2鐳射機的2倍，光電轉換率超過3倍。

**Product advantages:** High precision, fast speed, narrow slit, small light spot, smooth cutting surface without barb, no contact between the laser head and plate material, no scratches, no deformation. The efficiency of Sheet Metal Laser Cutter is twice as high as CO2 Laser Cutter with the same power, and the photoelectric conversion efficiency is three times higher.

**適用材料及行業應用：**適用的材料為各種金屬及合金。廣泛應用於金屬工藝品、五金製品、精密機械、汽車配件、眼鏡、首飾、名牌、電子、玩具及廣告等行業。

**Applicable materials and industry applications:** Suitable for various metals and alloys. Widely used in metal crafts, hardware products, precision machinery, auto parts, glasses, jewelry, nameplate, electronics, toys and advertising industries.

**性能特點：**機床採用龍門結構，橫樑採用高強度鑄造，配有橫向梁柱機構，穩定不易變形，使用壽命長。整體設備剛性好，性能穩定，是板金加工用戶的最佳選擇。

### Machine Features:

The machine tool used a gantry design. High-strength casting crossbeam equipped with transverse beam-column mechanism, is stable and not easy to cause deformation, also has long service life. The overall equipment has good rigidity, stable performance. It is the best choice for sheet metal processing users.

# 樣品展示 Sample Display

## 板金切割機 Laser metal cutting machine



## 雷射裁管機 Laser pipe cutting machine



專業有保障 值得信賴的好夥伴



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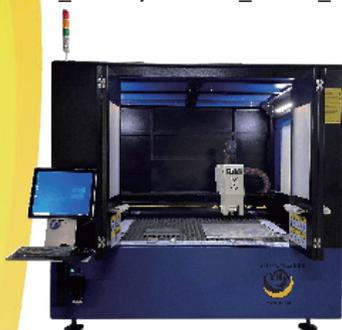
## 中型雷射板金切割機 Medium-Sheet Metal Laser Cutter

### 瓦數Wattage

- 1500W ~ 6000W

### 型號Model

- YH-15\_LCCT\_61OF, YH-20\_LCCT\_19FSOF



### 機型特點

- 鑄造性能、切割加工性能好，不易變形，使用壽命長。
- 材質含碳量高，吸震性好，便於加工時的高速運動，在滿足精度的情形下，實現各種類型的高速切割。

### Machine Features

- Good casting performance, cutting performance, not easy to deform, long service life.
- The material has high carbon content, good shock absorption, facilitates high-speed movement during processing.



單床台  
single bed

## 大型雷射板金切割機 Large-Sheet Metal Laser Cutter

### 瓦數Wattage

- 1500W ~ 12000W

- 其他原裝進口雷射源可搭配

Other laser source which imported with original packaging can be matched.

- 可照需求搭配更高階瓦數

Can be matched with higher wattage according to needs.

### 型號Model

- YH-15\_LCBP\_53OF, YH-30\_LCBP\_24FSOF (單床台 single bed)
- YH-30\_LCT2\_53FSOF, YH-30\_LCBP\_24FSOF (交換床台 exchange bed)
- YH-30\_LCSTT2\_53FSOF, YH-60\_LCSTT2\_36FSOF (全罩式交換床台 exchange bed&full cover)

交換床台  
exchange bed



全罩式交換床台  
exchange bed & full cover

### 機型特點

- 機器均可配備具有自動聚焦功能的雷射頭，聚焦點可自動調節，便捷且準確。
- 同一雷射頭能快速更換不同切割銅嘴，滿足不同厚度版材的切割。
- 針對大面積雕刻切割而設計的切割台面，用戶可以隨意在不同厚度的材料上進行切割或雕刻。
- 經濟型設備，性能穩定易操作，為各行業實現優質高性能的加工效果。

### Machine Features

- The machine can be equipped with autofocus laser head, the focal spot can be automatically adjusted. It is convenient and accurate.
- The cutting copper nozzle on the laser head can be quickly replaced for cutting different thickness plates.
- The cutting table designed for large-area engraving and cutting allows users to cut or engrave on materials of different thicknesses at will.
- It is an economical equipment with stable performance and easy operation, achieving high-quality and high-performance processing results for various industries.

## 雷射裁管機 Pipe Laser Cutter

### 瓦數Wattage

- 3000W-6000W 根據材料厚度選擇  
selected according to material thickness

### 型號Model

- YH-30\_LCCP\_36FSOF, YH-60\_LCCP\_36FSAFOF



### 機型特點

- 適於圓管方管切割、U型鋼、工字鋼，可採用自動上料。
- 光纖傳輸，無需反射鏡片，無需調整光路，可節約大量維護成本。
- 光斑品質好、變形小、外觀平整、美觀。

### Machine Features

- Suitable for round pipe and square pipe cutting, U-shaped steel, H-beam. Automatic feeding available.
- Optical fiber transmission, no reflective lenses are required. No need to adjust the optical path. Maintenance costs can be saved.
- The spot quality is good, the deformation is small, the appearance is smooth, beautiful.