

雷射雕刻/切割機

設備簡介

Laser Engraving / Cutting
Equipment Introduction

系列產品優點：設備運行速度快、成本低
操作簡單、雕刻效果好、切割邊緣無毛刺。
可單一電腦控制多台雷射機器，雕刻深度
可自主調節、精度高。

Series product advantages :

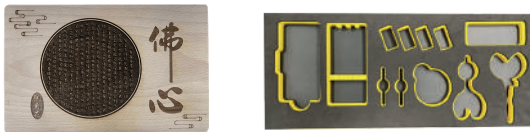
Fast operation, simple operation and low cost
The engraving effect is good and the cutting
edges are free of burrs.
It can control multiple laser machines with
a single computer, and the engraving depth can be
adjusted independently with high precision.

適用材料：

加工材料多元，包含PC、PE、ABS
EVA、木板、竹木製品、有機玻璃、玻璃、酒杯、
皮革、布料、紙張、橡皮、貝殼、鈕扣、塑膠、
橡膠、磁磚、水晶、玉石、壓克力等非金屬材料。

Applicable material :

Can process a variety of non-metallic materials,
including PC, PE, ABS, EVA, wood, bamboo and wood
products, plexiglass, glass, wine glasses, leather, cloth,
paper, rubber, shells, buttons, plastic, tiles, crystal,
jade, acrylic, etc.



	Yao-Hung 團隊	它牌 簡易型機台
續航力	可大量生產 無時間限制	切割2小時需休息 雕刻4小時需休息
控制面板	多功能控制面板 可預覽檔案 雕刻/切割位置	簡易控制面板 僅操作使用 無法預覽雕/切割位置
切割軟體	睿達專業軟體 可分20種顏色的 參數設定一起加工	外掛軟體 僅可設定簡易 切割雕刻加工
排煙扇	離心式風扇 內有馬達 快速排出大量 氣體煙霧	內建式風扇 量產時煙霧 不易排出 小功率風扇 量產時 煙霧排出慢
保護蓋	雷射防護鏡片隔離 避免眼睛直視受損	玻璃蓋無法有效隔離 需加購雷射防護眼鏡
滑軌 (左右)	臺製PMI線軌 雕刻準度高 傳動穩定	圓形滑軌 雕刻準度低 無法刻細緻
風管	尼龍布軟管 防火耐高溫	塑膠風管 不防火易損壞
水機	特域冷水機 有效防止雷射管 過熱造成破裂	小功率水泵 非切割機專用 散熱差 隱藏式水箱 體積小 無法長時間用
後插座	國際標準 規格插座	簡易型插座
切割頭	工業款 切割頭較大 結構穩好調整	簡易型 切割頭較小 不易調整
滑軌 (上蓋)	封閉式橫樑 防塵使用壽命長	無防護蓋 故障風險高

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雷射雕刻/切割機

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Laser Engraving / Cutting
Equipment Introduction

性能特點：針對厚料雕刻切割而設計的自動升降台，用戶可以隨意在不同厚度的材料上進行切割或雕刻，不用開模具，打樣最省錢。

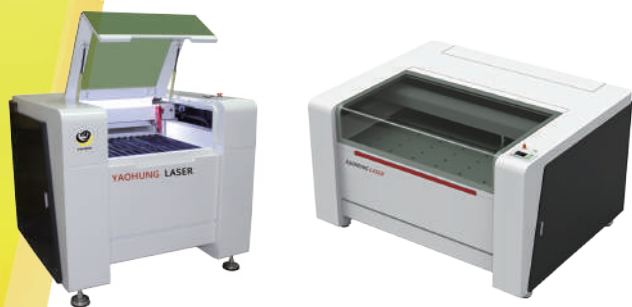
Performance characteristics :

The automatic lifting table is designed for thick material engraving and cutting. The user can freely cut or engrave on different thickness materials without making the mold. Save the cost of proofing.

中型雷射 雕刻/切割機

Medium Laser
Engraving / Cutting machine

瓦數：60W, 80W, 100W, 130W, 150W, 180W
wattage



雷射切割頭與工作面不接觸，不劃傷表面，切縫小、精度高。

The laser cutting head does not touch the working surface. No scratches on the surface, small slits and high precision.

機型共同特點：

開蓋保護、斷水斷電保護，避免人員誤傷

Common features of the machine

Open cover protection, power failure protection, avoid accidental injury.

大型床台/自動進料 雷射雕刻/切割機

Laser-Cutting-
Large Bed /Self-acting
Feeder/ Engraving /
Cutting Machine

大型床台 Large bed

瓦數：100W, 130W, 150W, 180W(可搭配高階瓦數)
wattage (Can be matched with high-order wattage)



自動進料 self-acting feeder

瓦數：100W, 130W, 150W, 180W(可搭配高階瓦數)
wattage (Can be matched with high-order wattage)



機型特點：

經濟型設備，大面積自動進料，性能穩定易操作，大量生產不間斷，為各行業實現優質高效的加工效果。

Features of the machine :

Economical equipment, large-area automatic feeding, stable and easy-to-operate performance, uninterrupted mass production, and high-quality and high-efficiency processing effects for various industries.

CCD自動對位/自動進料 雷射切割機

CCD Automatic Alignment/
Self-acting Feeder/ Engraving /
Cutting Machine

瓦數：100W, 130W, 150W, 180W(可搭配高階瓦數)
wattage (Can be matched with high-order wattage)

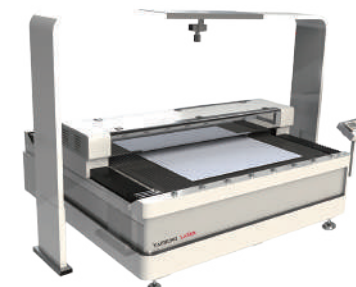
機型特點：

可自動對位，可對線或對點，性能穩定易操作，大量生產不間斷，為各行業實現優質高效的加工效果。

Features of the machine :

It can be automatically aligned, can be on the line or on the point, the performance is stable and easy to operate, mass production is uninterrupted, and high-quality and high-efficiency processing effects are realized for various industries.

CCD自動對位
場內實拍圖
CCD automatic alignment
Real shot pictures



系列機器特點：

*可依需求客製規格方便操作

*可相容CorelDRAW、AutoCAD SAF、DXF、AI
等多種繪圖軟體輸出格式。

Series machine features :

*Easy to operate according to customer's specifications.

*Compatible with CorelDRAW, AutoCAD SAF, DXF, ai and many other drawing software output formats.

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

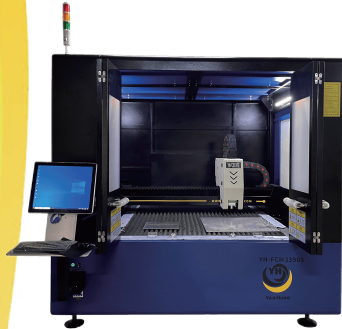
Medium-Sheet Metal Laser Cutter

瓦數Wattage

- 1000W, 2000W, 3000W

型號Model

- YH-FCM8060S, YH-FCM9060S, YH-FCM1390S



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.



板金切割機可搭配選購折彎機
Sheet metal cutting machine can be combined with optional bending machine.

大型雷射板金切割機

Large-Sheet Metal Laser Cutter

瓦數Wattage

- 1000W, 1500W
- 2000W, 3000W, 4000W
- 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-FCM1325L, YH-FCM1530L (單床台 single bed)
- YH-FCM1530L2 (交換床台 exchange bed)
- YH-FCM1530LET2 (全罩式交換床台 exchange bed&full cover)



單床台
single bed



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，滿足不同厚度板材的切割。
- 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-FPC65, YH-FPC65AF



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.

自動焊接機

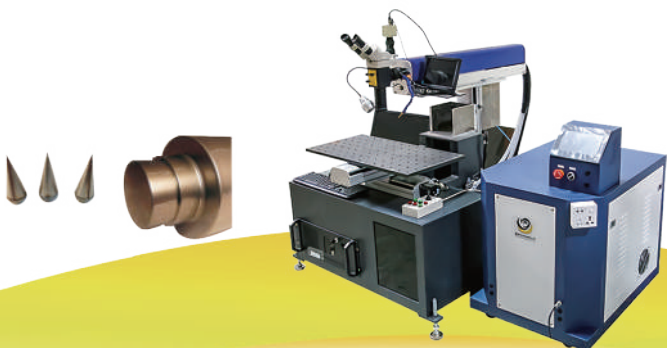
Automatic Welding Machine

機型、瓦數 model, wattage

- YH-WA200W, YH-WA300W, YH-WA400W
- YH-WA500W, YH-WA600W
- 可依需求搭配更高瓦數。
Can match higher wattage according to different needs.

產品特點 Machine Features

- 工作檯Z軸可電動上下移動對焦，工業電腦控制。
 - 英國進口**陶瓷聚光腔體**，耐腐蝕耐高溫，壽命8-10年。
 - 分體式冷水機系統設定**自動控冷**，確保設備安全運行。
 - 生產焊接效率高、速度快，可流水線**自動化批量生產**。
 - 完成**自動**或**半自動**的點焊，對接焊，疊焊和密封焊。
 - 監控系統採用**顯微鏡**、**紅光**、**CCD**。配置外冷卻系統。
- The Z-axis of the worktable can be moved up and down to focus, controlled by an industrial computer.
- Ceramic condenser cavity imported from the UK, resistant to corrosion and high temperature, with a life of 8-10 years.
- The split chiller system is set to automatically control cooling to ensure the safe operation of the equipment.
- Production welding has high efficiency and fast speed, and can be automatically mass-produced in assembly line.
- Complete automatic or semi-automatic spot welding, butt welding, overlay welding and seal welding.
- The monitoring system uses a microscope, red light, and CCD. Configure external cooling system.



焊接機 ∞ 共同特點

- 適用材料：各種金屬及合金。
- 適用行業：手機通信，首飾工藝品，電子元件，傳感器儀表，精密機械，五金，汽車零部件等。
- 雷射焊接的**熱影響區小**，**焊點焊縫牢固**、**美觀光滑**、**焊接品質高**、**速度快**、**變形小**。

Common Features of Welding Machines

- **Applicable materials :**
Various metals and alloy materials.
- **industry applications:**
Mobile phone communications, jewelry crafts, electronic components, sensors and meters, precision machinery, hardware, automotive parts, etc.
- The heat-affected zone of laser welding is small, the welding spot and seam is firm, beautiful and smooth. High welding quality, fast speed and small deformation.

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手持式雷射焊接機

Handheld Welding Machine

機型、瓦數 model, wattage

- YH-WF1500W, YH-WF2000W



槍體可設置焊接參數、送絲退絲
Gun body can set welding parameters, wire feed and back.



產品特點 Machine Features

- 一體化結構，內置集成控制系統、雷射系統及冷卻系統。
- 手持式焊頭靈活方便，可實現戶外焊接。
- 可焊接亦可切割的經濟型設備。
- 無需設置設備來部署焊接台，占用空間小，維護成本低。
- It adopts an integrated structure with built-in integrated control system, laser system and cooling system.
- The hand-held welding head is flexible and convenient, enabling outdoor welding.
- Economical equipment that can do laser welding and cutting.
- There is no need to set up equipment to deploy the welding station. Small footprint and low maintenance costs.

首飾點焊機

Jewelry Spot Welding Machine

機型、瓦數 model, wattage

- YH-WJ200W
- YH-WJ300W



產品特點 Machine Features

- 主要應用於金銀飾品的補孔和點焊砂。
- 具備24小時連續工作能力，整機工作性能穩定。
- 自動遮光系統，消除在工作時光對人體眼睛的刺激。
- 英國進口陶瓷聚光腔體，耐腐蝕耐高溫，壽命8-10年，氙燈壽命800萬次以上。
- Mainly used for hole patching and spot welding of gold and silver jewelry.
- It can work continuously for 24 hours, and the performance of the whole machine is stable.
- Automatic shading system eliminates irritation to human eyes during working hours.
- The ceramic concentrating cavity imported from the United Kingdom is resistant to corrosion and high temperature, with a life span of 8-10 years, and the life span of the xenon lamp is more than 8 million times.

模具補焊機

Mold Fill Welding Machine

機型、瓦數 model, wattage

- YH-WM200W, YH-WM300W, YH-WM400W
- YH-WM500W, YH-WM600W
- 可依需求搭配更高瓦數。
Can match higher wattage according to different needs.



產品特點 Machine Features

- 整體光路部份可轉動360度，以及上下電動升降、前後推動，適合各種大、中、小型模具的修補。
- 參數調節採用智慧化遙控器控制，操作簡單、快捷。
- 光點大小電動調節。
- The entire optical path can be rotated 360 degrees, and can be lifted up and down electrically, pushed back and forth, It is suitable for repairing various large, medium and small molds.
- Parameter adjustment is controlled by an intelligent remote control, which is simple and fast to operate
- Spot size electrically adjustable.

專業有保障 值得信賴的好夥伴