



Ray Fine Tech

Committed to the innovation of laser equipment

Ray Fine

- Integrity
- Innovation
- Serve
- Focus



High quality

High-speed freight
High quality service



Technology
Service and Innovation

PRODUCT CATALOG

Choosing us is your best decision

Pursuit of excellence

Continuous progress

01 Laser marking machine FIBER ▶▶▶

FEATURES

- Manual or motorized Z axis lifting adjustment
- Dual red light assist to find focal length.
- Small volume, easy for express shipping to door.
- High quality alumina shell, firm and beautiful.
- Optional machine colors.



Product technical data

Items	Specification
Power model	20W 30W 50W 60W 80W 100W 120W
Laser source	JPT / Raycus / MAX / IPG
Laser type	Pulse fiber laser
Marking area	70*70 ~ 300*300mm (optional)
Marking depth	0.03 ~2.0mm
Position speed	8000mm/s
Control card	Original BJCZ
Control software	EZCAD 2 / EZCAD 3
Operating Voltage	AC220V 50HZ / AC110V 60HZ
Cooling type	Air cooling
Power consumption	≤800W
Machine weight	40 ~ 45 KG
Package dimensions	790*410*750mm (55 ~ 65 KG)

Applied Materials

- Metals and some plastic. Stainless steel, aluminum, gold, silver, copper, alloys, PVC, ABS, etc.
- Surface marking, deep engraving, thin slice cutting



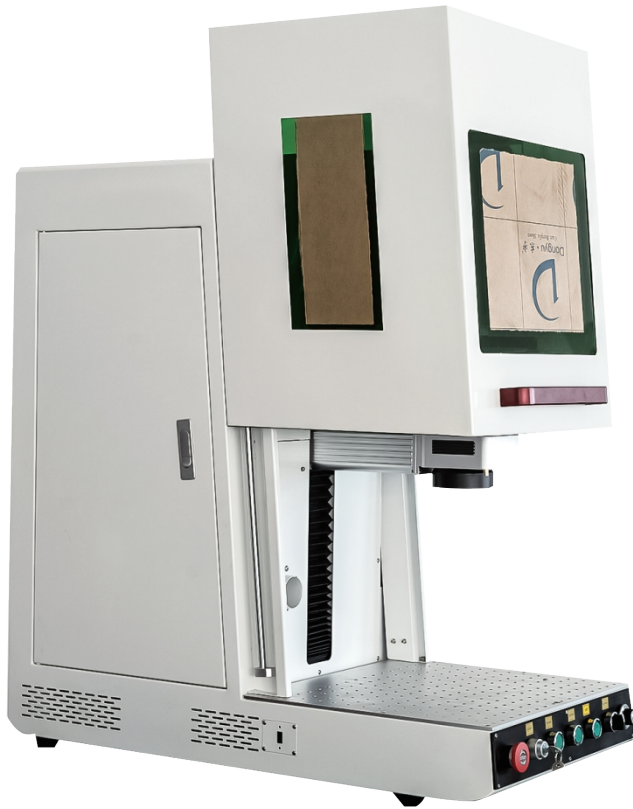
Related styles



* Support color and style customization

CLOSED FIBER LASER

Laser Marking Machine



Large volume closed

- 300X300 Oversized working area
- Powerful 100w fiber laser suitable for deep engraving and thin metal
- More stable work status and faster work efficiency
- Easy to operate, link to computer for direct use
- Enclosed enclosure with laser protection window to meet more customer choices

Small marking machine

- Small size, one unit structure and user-friendly operation.
- Small volume, easy for express shipping to door.
- Maintenance-free and 100 000 hours long life time.



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Related styles



Closed hatchback



Closed automatic door

DESKTOP Laser Marking Machine

FEATURES

- High reliability, long continuous operation time, clear and complete printing.
- Supported by rich software,enable to collect and manufacture various labels, non-contact processing.
- Ensure original precision of the surface of work piece to the maximum limit.
- Suitable for engraving on various materials, long time preserve,simple installation and convenient.



Related styles



* Support color and style customization



Small all-in-one

High laser accuracy, low energy, and low damage to materials.

Widely used in factory assembly line, achieve fast speed marking work.

No harm to the environment.

Mini MAX 20W

Its size is relatively small, and the weight is just 14KG, which is very suitable for home use.

Equiped with MAX 20W laser source,can be perfectly used for marking metal (stainless steel, copper), plastic, glass products.

Because of its light weight and small size, it is very convenient to transport and will help you save a lot of delivery cost.



SUPER MINI

Fiber laser marking machine

Hot Sale Super Mini



3D FIBER

Laser Marking Machine

High-precision three-dimensional positioning technology, high-speed focus scanning system, laser beam fundamental mode, short pulse, high peak power, high repetition rate, to provide customers with the ideal marking effect.

3-D graphics processing technology, friendly operation interface, suitable for dxf, plt, cnc, step, IGES and other format files.

High photoelectric conversion rate, long service life and easy maintenance.



Optional laser source



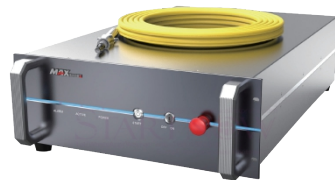
JPT



IPG



RayCus



MAX

● MAX Entry Option

- Intelligent monitoring and easy operation A5 High hintegration and wide application,A relatively economical laser.

● RayCus Advanced Option

- This series of pulsed lasers features high peak power, high single-pulse energy and selectable spot diameter

● JPT Best Cost Effective Option

- Electronic, semiconductor components, ITO precision machining,Color marking of metals possible.

● IPG High end application Option

- Wide operating wavelength range, single-mode and multi-mode options, low amplitude noise, high stability, and long pump diode life, best quality laser.

Optional Galvanometer

● Galvo Scanner

- Input Aperture **10mm**
- Red dot focus,more efficient marking focal length
- High precision and fast speed



Galvo Scanner



OUYA Galvo

● OUYA Scanner

- Input Aperture **10mm**
- The galvanometer system has the characteristics of extremely low drift, fast speed, small size, low temperature, stable and reliable operation, etc. The comprehensive performance index has reached the international leading level.

02 Laser marking machine

UV

3D Split Laser

- Motorized z axis with height 800mm.
- 3D uv laser scanning head with small laser spot diameter.
- High precision 355nm uv laser source.
- FEELTEK control system and software.
- Professional uv laser industrial chiller.



Split and portable

- Manual or motorized Z axis lifting adjustment
- Small volume, easy for express shipping to door
- High quality alumina shell, firm and beautiful
- Optional machine colors



Desktop UV Laser



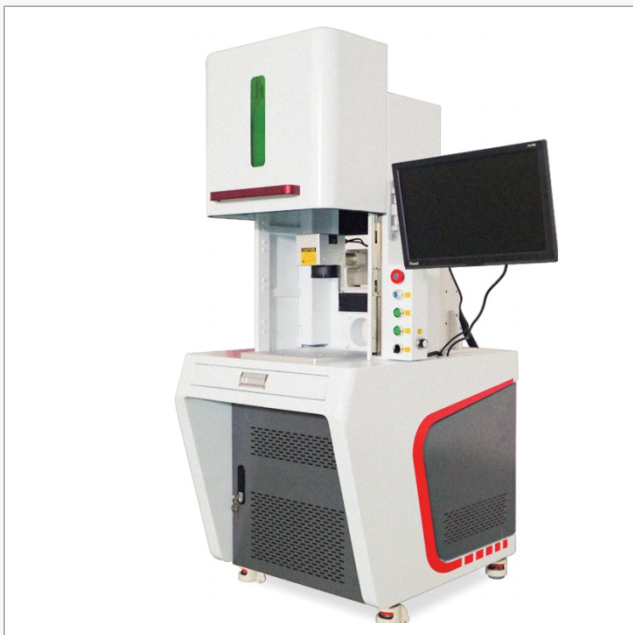
- Machine use (US SYNRAD) brand laser source

- Sino-galvo famous brand CO2 galvanometer, Lens use US imports of ZnSe materials and 6X Laser Beam Expander

- Genuine BJJCZ control card

- Taiwan Mean Well brand power supply

- We widened the 17mm lifting column and the machine is stronger and more stable



Fully-enclosed Desktop.

Further improve the safety of staff while working

Product technical data

Items	Specification
Power model	3W 5W 10W 15W 20W
Laser source	JPT / HUARAY / Inno
Laser type	Pulse UV laser
Marking area	70*70 ~ 300*300mm (optional)
Marking depth	0.03 ~2.0mm
Position speed	8000mm/s
Control card	Original BJCZ
Control software	EZCAD 2 / EZCAD 3
Operating Voltage	AC220V 50HZ / AC110V 60HZ
Cooling type	Air cooling / Water cooling
Power consumption	≤800W

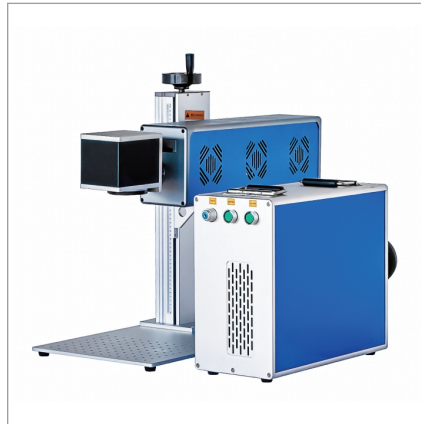
Applied Materials

- Glass, Crystal, Plastic, Ceramic, Leather, Silicon wafer, Metal, Wood, Circuit Board.
- Suitable for Marking on Packing Materials, Medicines, Mobile phones, Keyboard, Chargers(3C industry) etc.



The CO2 laser marking machine adopts an infra-red light band and a 10.64μm gas laser to charge the CO2 gas into the high-voltage discharge tube to generate a glow discharge, so that the gas molecules release the laser, and the laser energy is amplified to form a laser beam for processing the material. The laser beam vaporizes the surface of the object to achieve the purpose of engraving

CO2 Laser Marking Machine



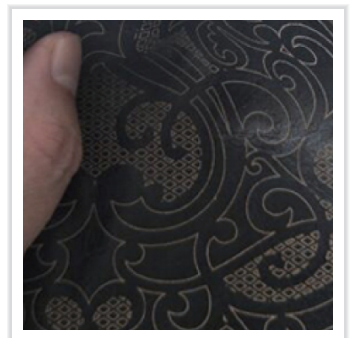
■ Split and portable

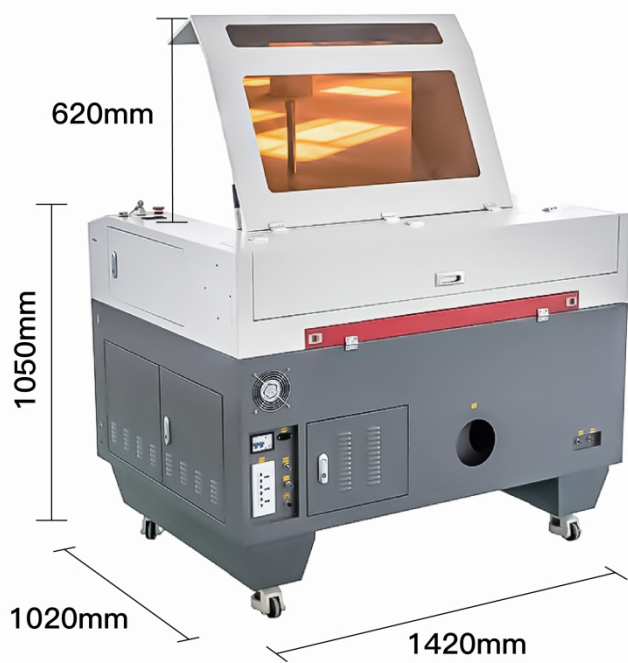
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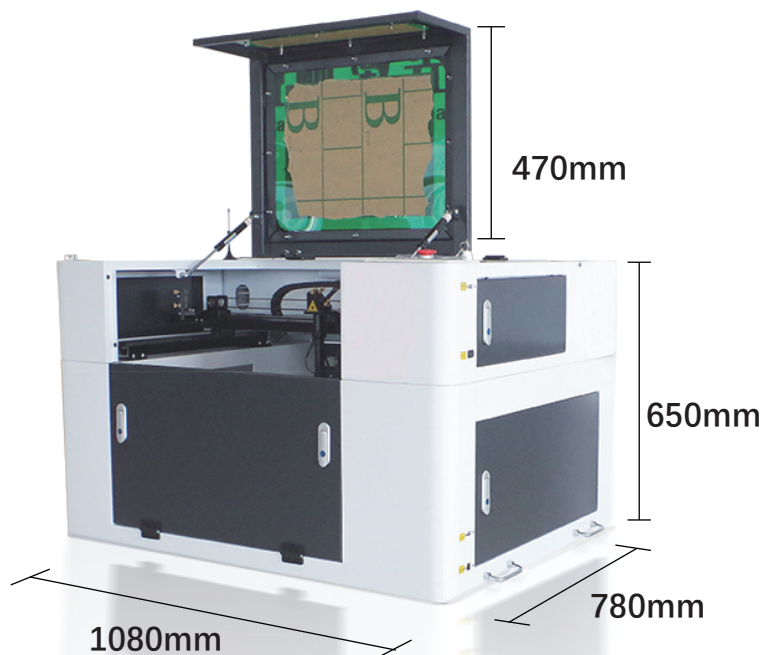
■ DESKTOP

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Taiwan Mean Well brand power supply
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■ 6090



■ 4060

CO2

Laser Cutting Machine



■ 1390

- With RECI laser tube
- With RUIDA control software
- With red light positioning
- With Electric lifting UP/DOWN workbench
- With industrial chiller
- With Online services



Mixed cutting

Mixed co2 metal sheet stainless steel laser cutting machine for nonmetal wood MDF Acrylic

CO2 Laser Cutting Machine

Applicable materials

Acrylic | Plexiglass | LPeather | Plastic | Wood | Density board | Rubber | Non-metal

