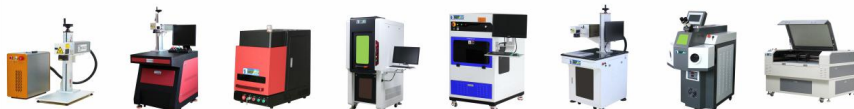


Worktable CO2 Laser Marking Machine

——*MY-M30C*





CO2 Laser Marking Machine

Description

Portable CO2 Laser Marking Machine adopts the RF CO2 laser source imported from USA SYNRAD / Coherent, equipped with high-speed galvanometer scanning system, with superior laser beam, small divergence angle and integrated laser structure. It's convenient to maintenance, stable performance, high reliability and long lifespan (max 45,000 hours). The equipment is low processing cost, without any consumption, large marking area, high efficiency.

Feature

- 1) Adopted the imported CO2 laser tube, its beam is of superior quality, stable light and low failure rate.
- 2) Coordinated with the excellent servo motor, the high-speed scanning galvanometer is of high marking speed and precision.
- 3) The industrial control computer has strong capacity of resisting disturbance, assuring the stable work during the long period of industrial environment.
- 4) With powerful and friendly controller and software, easy operation, raise the working efficiency.
- 5) With reasonable and whole structure design, better stability and higher reliability.
- 6) SYNRAD / COHERENT tube can be refilled, excellent performance, longer life (Max. 45000 hours) and without maintenance.
- 7) High-precision and high-speed scan head, with good seal, capable to prevent dust and water, small volume, compact.
- 8) Strong compatibility, TTF Font, SHX, BMP, DXF, AI, PLT and other format file output from CorelDraw, PhotoShop, AutoCAD, etc..

Application

Materials: Most of Non-metallic materials such as ceramics, ABS, acrylic, plastic, bamboo, organic materials, epoxide resin, glass, wood, and paper, etc.

Field: Woodworks, craft gifts, electronic components, clothes, leather products, paper, medicines, food and package, etc.

Parameter

Model	MY-M30C
Power	30W / 60W / 100W
Marking Area	110*110mm
Optional Marking Area	70*70mm / 140*140mm / 200*200mm / 250*250mm / 300mm*300mm
Marking Depth	≤5mm Acrylic
Minimum Line Width	0.10mm
Minimum Character	0.3mm
Repeated Precision	± 0.01mm
Laser Wavelength	10.6um
CO2 Laser Source	COHERENT
Optional Laser Source	SYNRAD or CRD
Controller and Software (EZCAD)	Beijing JCZ controller and EZCAD Software
Scan Head	Galvo tech from China
Marking Speed	≤ 7,000mm/s
Repeated Frequency of Laser	≤ 100KHz
Marking Type	Dynamic Mark / Static Mark
System Operation Environment	Windows XP / 7 / 8 / 10-32 / 64bits
Cooling Mode	Air cooling--Built-in
Temperature of Operation	15℃~35℃
Communication Interface	USB
Lifespan of CO2 Tube	Max.45,000 hours
Voltage	220V / 50HZ / 1-PH or 110V / 60HZ / 1-PH
Power Consumption	1.2KW
Demension	121*86*154cm
Package Size	130*95*165cm
Net Weight	194kg
Gross Weight	290kg
Optional (Not free of charge)	Rotary Device, Moving Table, Lens, Fume Purifier, other customized Automatic Matching System

Shipment

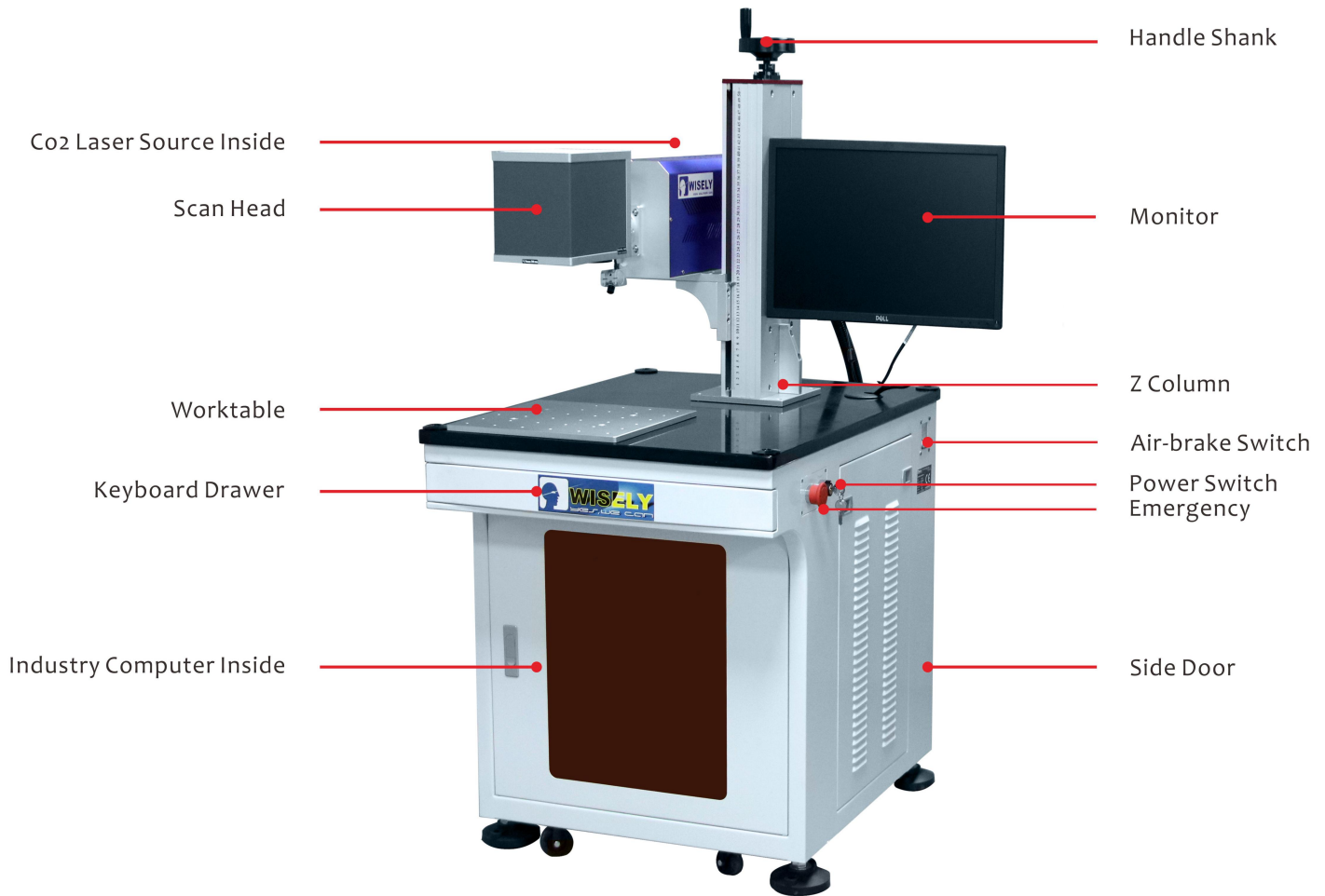
Within 5~7 working days after receiving your payment.

Warranty

Whole machine has a warranty period of 12 months since the production date.

Training


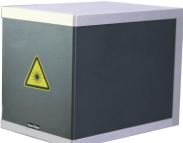

1~3 working-days training free of charge in factory. Oversea training is available, the buyer can discuss the details with WISELY salesman.



Advantage

- 1) Open worktable, easy to feed and unload the materials, can work with customized automatic matching system.
- 2) With world top brand from America Coherent / SYNRAD laser tube ensures its stable performance, high-quality laser beam and long lifespan (max 45,000 hours).
- 3) The equipment can mark on most of non-metallic materials, such as wood, leather, Glass, Ceramics, PVC, ABS, Plastic, acrylic, etc.

Main Configurations

	1. Coherent / SYNRAD CO2 Laser Source Laser lifespan: max 45,000 hours. Beam quality: M2<1.2, Power stability < ±3% Integrated air cooling system guarantees the tube temperature of operation environment.		4. Taiwan MW Laser Power Supply Famous Taiwan MeanWell laser power supply. High-quality ensure its stable performance and long lifespan.
	2. Control System & Software Genuine BJJCZ controller, with stable performance and high reliability. EZCAD software is easy to operate and with high compatibility, can support various file, PLT, BMP, JPG, DXF, AI, ect.		5. Wavelength F-theta Lens Top brand Wavelength F-theta Lens. Small-size focus spot, excellent marking effect, low consumption and high reliability.
	3. 20mm Diameter Scanning Head Customized scanner specially for High series laser marking application, its speed up to 7,000 mm/s, high precision, low temperature drift and high stability.		6. Beam Expander Wavelength 8X beam expander can expand the diameter of beam and reduce the divergence angle of laser beam.

Sample Gallery



Wood Engraving



Bamboo Marking

Wood Marking



Coconut Marking

Woodcase Marking

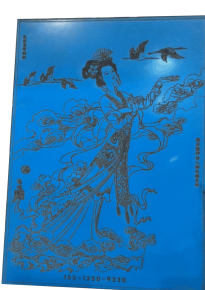
Wood Crafts Marking



Paper Cutting & Greeting Card

Fabric Cutting

Nylon & Leather Shoes Cutting



Wood & Double Plate Engraving

Leather Marking & Cutting



Acrylic & Glass Engraving

Marble Engraving

Jeans Marking

Non-metallic Materials

- ABS
- Acrylic
- Bamboo
- Carbon fiber
- Ceramics
- Crystal
- Fabric
- Film
- Jade
- Leather
- Malrolon
- Nylon
- Paper
- PE / PP
- PEEK
- Plastic
- PVC
- Rubber
- Wood
- And more