



CO2 Galvo high-SPEED ENGRAVING

High speed serial laser engraving on wood, leather or other materials

MetaQuip's CO2 galvo is a laser engraving machine for high speed, serial laser engraving. This machine is up to 5x faster compared to a standard CO2 laser machine without moving parts. Ideal for placing logos, among other things.

LASER ENGRAVING	Wood, textiles, leather, cardboard, glass, ceramics and rubber
SOFTWARE	Easy to operate via the graphic controller and EzCad software
WORK AREA	150 x 150 mm
POWER	30W, 40W, 60W. Metaltube
FOCUSHEIGHT	Quick and easy manual focus height adjustment
LIFETIME	Long service life - no moving parts and metal laser tube
SAFETY	Laser class 4 - additional protection required
CERTIFICATION	CE certified - conforms to all applicable machinery directives



METAQUIP

EXPERTS IN LASERMACHINES

Laser engraving of large series!

Laser engraving of 27000 wine boxes? For this kind of work, the CO2 galvo is the perfect laser machine. The machine can be used standalone or placed in a production line to automatically and quickly place perfect quality laser engravings on a large number of materials.

CONTENT

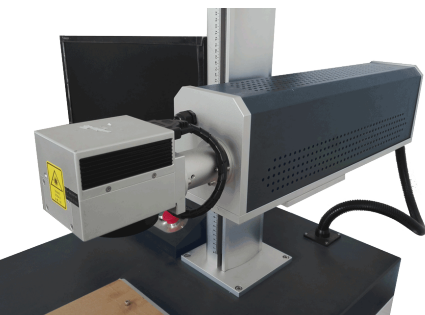
- CO2 Galvo laser engraving machine (z upto 800mm)
- Industrial XY table, manual focus height adjustment lens for work area of 150x150 mm
- Integrated computer with laser software (Win XP/7/8/10)
- Laser safety glasses suitable for class 4 fiber laser
- Industrial air filter (complies with ISO 15012-4:2016)
- Product & software manual (NL & EN)

OPTIONS

- Rotation module
- Motorized focus height adjustment (z axis)
- Automation via free IO ports
- Lenses for working area reduction or magnification
- Additional laser safety glasses

TECHNICAL SPECIFICATIONS

- Work area: upto 150 x 150 mm
- Laser type: Metal CO2 lasertube, lambda 10.6 um
- Laser power: 30W, 40W, 60W
- Minimal linewidth: 0.1 mm
- Linear marking speed: 0-7000 mm/s
- Repeatability: +/- 0.01 mm
- Engraving depth: <0.3 mm
- Cooling: air cooling, 60W with water cooling
- Supply voltage: 230 Vac +/- 10%, 50-60 Hz
- Machine Power: <1000 W
- Work table: XY table and Z setting (0-800mm)
- Dimensions [W x D x H]: 60 x 75 x 140cm
- Housing: open table model, with integrated control, laser source, computer and monitor
- Temperature: 13-28°C (work), -40-70°C (storage)
- Fonts: TrueType, SHX, JSF (Single line), DMF (Dot Matrix) , 1D barcode, 2D bar code.



WHY CHOOSE METAQUIP?

Help with honest advice and technical knowledge we like choosing the right machine. If necessary, we test your product, or come and see you.

THE USE

We will of course explain how to use the machine, but we also give special training. Ask about the possibilities.

LASER SAFETY

Your safety is important. Galvolasers are open systems of laser safety class 4. When working with this laser machine, additional laser safety measures are required to guarantee your safety. This includes certified laser safety glasses. MetaQuip can advise you what else is needed to work safely.

SUPPORT

Of course you can always contact us with questions about your machine. We will always help you get back on track quickly. As a customer, you can access manuals, laser software and videos at www.metaquip.nl You can also exchange experiences with other users.

OTHER THINGS?

The people at MetaQuip have extensive technical knowledge. They can also advise or support you in finding new applications, specific solutions or production automation.

WARRANTY & CERTIFICATION

2 year warranty on the machine, 15,000 hours on the laser source (expected lifetime 15,000 to 20,000 hours, depending on the conditions under which the machine is used). CE certified, laser safety class 4.



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