



# MQ1325 CO2 PORTAL LASER

## Open bed CO2 portal laser for large workpieces

The MQ1325 portal laser by MetaQuip is a cutting-edge CO2 laser machine built to tackle your biggest projects with ease! Engineered with an open bed configuration, this state-of-the-art device empowers you to effortlessly cut or engrave substantial workpieces in a single swift operation. Experience unparalleled productivity and precision like never before with the MQ1325 portal laser, designed exclusively for handling sizable objects with utmost efficiency and accuracy.

### LASER ENGRAVING

Wood, leather, cardboard, glass and plastics

### LASER CUTTING

Wood, leather, textiles and plastics

### SOFTWARE

Easy to operate via the graphic controller and Laserworks software

### WORKING SURFACE

130x250 cm, 150x300 cm

### POWER

80W, 100W, 130W, 150W\*, 180W\*, 200W\*  
(\*only available for 150x 300 cm)

### FOCUSHEIGHT

Automatic focus height adjustment - fast material change

### SAFETY

Laserklasse 4 - additional protection measures are needed

### CERTIFICATION

CE gecertificeerd - voldoet aan all geldende machinerichtlijnen



# METAQUIP

EXPERTS IN LASERMACHINES

# Fast cutting or engraving of large plates!

MetaQuip's CO2 portal laser is suitable for laser cutting and engraving materials such as acrylic, leather, textile, paper, cardboard or wood. These machines are used for making signs and advertising signs, packing boxes, architectural models, model planes, wooden toys or decorating mirrors or glass.

## CONTENT

- CO2 portal laser machine
- Lightburn (Win, Linux, MAC) or Laserworks (Win) laser software
- Including industrial water cooler, exhaust fan and air compressor
- Laser safety glasses
- Product & software manual (NL, EN, DE or FR)

## OPTIONS

- Honeycomb bed for cutting small parts
- PhotoGrav laser engraving software
- Servo motor
- Industrial air filters
- Laptop with pre-installed software

## TECHNICAL SPECIFICATIONS

- Working area [cm]: 130x180, 130x250, 150x300, 160x250
- Laser Type: glass CO2 lasetube, lambda 10.6 um
- Laser Power [W]: 80, 100, 130, 150, 180, 200 (depending of machine version)
- Separate control / electronics cabinet
- Lasertube cooling: water cooling with demi water
- Engraving speed : 0-1000 mm/s
- Cutting speed: 0-600 mm/s
- Workvoltage AC230V / 110V +/- 10%, 50-60Hz
- Position accuracy +/- 0.05 mm
- Minimal character height: 1.5 mm
- Machine power: <1500W
- Focus height: fully automatic (up to 250mm)
- Ambient temperature 0-45°C, Humidity: 5-95%
- Weight: 560kg (depending on machine version)
- Supported formats: PLT, PDF, DST, DXF, BMP, AI, ..



## 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. Portal lasers 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](http://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 years on the machine except mirrors, lens, laser tube, and external accessories such as air fan and air compressor, 6-9 months on the laser tube depending on power. CE certified, laser safety class 4.



**METAQUIP**

EXPERTS IN LASERMACHINES

[www.metaquip.nl](http://www.metaquip.nl)  
+31 40 8080 193  
[info@metaquip.nl](mailto:info@metaquip.nl)

METAQUIP BV  
Rondven 41  
6026 PX Maarheeze