



CO2 LASER PRODUCTION SERIES

Experience unparalleled power! Robust, reliable, and high-quality results.

These extraordinary laser machines combine robustness, reliability, and high-performance. Specially designed for the precise engraving and cutting of organic materials such as wood, leather, foam, and plastic. Whether you are a business, organization, or school, you can rely on these advanced laser machines every day.

LASER ENGRAVING	Wood, leather, cardboard, glass and plastics
LASER CUTTING	Wood, leather, textiles and plastics
SOFTWARE	Easy to operate via the graphic controller and Lightburn or Laserworks lasersoftware
WORKING SURFACE	60x40, 100x60, 130x90, 150x90cm
POWER	60W, 80W, 100W, 130W, 150W, 100W metal
FOCUSHEIGHT	Automatic focus height adjustment - fast material change
SAFETY	Laser class I - safe in all situations without extra protection
CERTIFICATION	CE certified - conforms to all applicable machinery directives



METAQUIP

EXPERTS IN LASERMACHINES

The perfect workhorse for series production!

Discover the perfect solution for every industrial application: MetaQuip's Production CO2 laser machines. These reliable and robust machines are ideal for businesses seeking high-volume cutting and engraving work. With a range of laser powers up to 150W and a solid construction, you can trust that each product in the series is manufactured with the same precision and quality. Increase your productivity and efficiency in the production process by choosing MetaQuip's production machines.

CONTENT

- CO2 laser machine production series
- Lightburn (Win, Linux, MAX) or Laserworks (Win) laser software
- Including industrial watercooler, exhaust fan and air compressor
- Product & software manual (NL, EN, FR or DE)

OPTIONS

- Honeycomb bed for small parts
- PhotoGrav laser engraving software
- Industrial airfilter
- Laptop with pre-installed software
- Rotary module for rotary engraving
- Servo motors - smoother results in acrylic
- Vision - pattern recognition
- Training, installation and maintenance options

TECHNICAL SPECIFICATIONS

- Work surface [cm]: 60x40, 100x60, 130x90, 150x 90
- Lasertype: Glass CO2 lasertube, lambda 10.6 um
- Laser power [W]: 60, 80, 100, 130, 150, 100Met.
- Laser tube cooling: water cooler with demi water
- Engraving speed : 0-1200 mm/s
- Cutting speed: 0-600 mm/s
- Workvoltage: AC230V / 110V +/- 10%, 50-60Hz
- Position accuracy: +/- 0.01 mm
- Minimum character size: 1mm
- Machine Power: <1500W
- Focusheight: full automatic (upto 250mm)
- Ambient temperature 0-45°C, Humidity: 5-95%
- Outside dimensions [L x B x H cm] :
MQ6040: 92x142x103 (60W) | 92x178x103 (80W)
MQ1060: 147x112x93 (60W) | 147x147x93(≥80W)
MQ1390: 186 x135 x 93 (130W)
MQ1590: 200 x 142 x 105 cm (150W)
- Air extraction: extraction fan or (opt.) air filter
- Formats: PLT, PDF, DST, DXF, BMP, AI, ...
- Red dot laser: laser location indication



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.

LASERSAFETY

Your safety is important. Our laser machines are safe under all circumstances. When opening the machine, certified safety switches ensure that the machine is switched off immediately. This way, your eyes can never be exposed to harmful laser light. Our safety class 1 certification is the highest classification.

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 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. CE certified, laser safety class 1.



laser safety class 1

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