CO2 LASER PRODUCTION SERIES

High quality CO2 laser machines. Dimensions up to 150x90cm and laser power up to 150W.

MetaQuip’s CO2 production series laser machines are the perfect choice for organizations and companies that use their machines intensively or want to use them in production. All Production machines are laser safety class I: safe under all circumstances.

**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**  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!

The CO2 production series are high quality laser machines for laser cutting and laser engraving of a large number of materials and dimensions. Available with high laser power for heavier cutting or high power metal tube (100W) for longer (4-6 years) life. The focus height can be adjusted fully automatically at the push of a button. The production series is the perfect choice for companies and organizations looking for a high quality machine at a competitive price.

CONTENT
- CO2 laser machine production series
- Laserworks PC software (Win XP/7/8/10)
- Including industrial watercooler, exhaust fan and air compressor
- Product & software manual (NL & EN)

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 acrylate
- Vision - pattern recognition
- Training, installation and maintenance options
- Fully developed teaching material for students

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.

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
- Fokusheight: full automatic (upto 250mm)
- Ambient temperature 0-45ºC, 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, DST, DXF, BMP, AI, ...
- Red dot laser: laser location indication

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.