



# PRODUCTION<sup>XL</sup> FIBERLASER MACHINE

Unleash the power of our ProductionXL fiber laser engraver

Elevate production efficiency & flexibility: MetaQuip's production XL fiber laser engraving machines provides unrivaled precision and speed as these cutting-edge machines effortlessly engrave and mark a wide range of metals. Whether it's imprinting serial numbers, logos, or barcodes onto machine parts or type labels, our machines deliver exceptional results in short times with great flexibility.

## LASER ENGRAVING

Laser engraving and marking of metals, such as stainless steel and aluminum, mirrors and some plastics

## SOFTWARE

EzCad user-friendly software

## WORK AREA

100x100mm and extra lens for 200x200mm

## POWER

20W, 30W, 50W, 100W

## FOCUSHEIGHT

Digital sensing, motorized setting of the focus height

## SAFETY

Laserklasse 3R. No additional safety measures required.

## CERTIFICATION

CE certified meets all machine directives



# METAQUIP

EXPERTS IN LASERMACHINES

# High quality engraving of steel and alu!

With a focus on streamlining your operations, MetaQuip offers a cabinet production model featuring a closed system of laser class 3R, ensuring intrinsic safety without the need for additional protective measures. Unleash the true potential of your production line with MetaQuip's precision fiber laser engraving machines.

## CONTENT

- Production fiber engraver (max. z height 800mm)
- EZCad laser software (Win XP/7/8/10)
- Industrial XY table
- Lens for work surface of 100x100mm and 200x200mm
- Industrial air filter (ISO 15012-4:2016)
- Product & software manual (NL & EN)

## OPTIONS

- Rotation module
- Lens: for work surface up to 300x300mm
- Sliding or revolving door
- MOPA laser source: for engraving in black or colour
- Lightburn fiberlaser software (Win, Mac, Linux)

## TECHNICAL SPECIFICATIONS

- Working area: 100x100mm or 200x200mm
- Laser type: pulsed, high-energy Raycus laser
- Laser wavelength: 1064 nm
- Repeat frequency: 20-100 kHz
- Laser power: 20W, 30W, 50W, 100W
- Minimum spot diameter: 0.01 mm
- Minimum line width: 0.01 mm
- Linear marking speed: 0-12000 mm/s
- Character engraving speed: > 800 characters/sec
- Repeatability +/- 0.001 mm
- Marker depth: 0.01 - 1 mm
- Cooling: air cooling
- Supply voltage: 230 Vac +/- 10%, 50-60 Hz
- Machine Power Output: <500 W
- Housing: closed cabinet model (max. z height 800mm), with integrated control, laser source, computer and monitor
- Dimensions [W x D x H]: 83 x 96 x 182cm
- Temperature: 13-28°C (work), -40-70°C (storage)
- Fonts: TrueType, SHX, JSF (Single line), DMF (Dot Matrix), 1D / 2D barcode
- Variable text: yes for automatic recording
- Link: read data via MS Excel, serial port or network
- Drawing of simple figures and curves
- Image formats: bmp, jpg, gif, tga, png, tif ...
- Vector formats: ai, dxf, dst, plt...



## WHY CHOOSE METAQUIP?

With honest advice and technical knowledge, we are happy to help you choose the right machine. We test if requested your materials or application.

## THE USE

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

## LASER SAFETY

Your safety is important. Closed fiber laser machines are laser class 3R machines. No additional laser safety measures are required when working with this laser machine. Closed fiber lasers are safe under all circumstances.

## 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 year warranty on the machine, 50,000 hours on the laser source (expected lifetime 50,000 to 100,000 hours, depending on the conditions under which the machine is used). CE certified complies with the machine directives, laser safety class 3R.



laser safety class 3R

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[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