



1 2 3 4

TTN
Tampo Techniek Nederland BV

100SERIES



MQ-FBC50 CLICHE LASER MACHINE

Laser engrave your own cliché plates - flexible, fast & cost effective

MetaQuip's MQ FBC50 cliché laser machine is for printers who tampon print many different print jobs in smaller series, like promotional item printers. The MQ FBC50 is optimized for YL50 Laser engravable cliché aluminium plates supplied by TTN Tampo Techniek Nederland BV.

LASERENGRAVING	Aluminum cliches, metals and certain plastics
FAST	Start tampon printing within minutes after laser engraving
SOFTWARE	EzCad easy to use lasersoftware
WORKING AREA	100x100mm and 200x200 mm
LASERPOWER	20W, 30W of 50W
SAFETY	Laserclass 3R - safe in all conditions without extra measures
CERTIFICATION	CE certified - complies with all machine directives



METAQUIP

EXPERTS IN LASERMACHINES

Make your own tampon print clichés!

No more waiting for external services. No more hassle creating your own films, washing and etching. Create your own tampon print clichés in minutes. Control the cliché depth by changing the laserpower.

COMPLETE SOLUTION - READY TO START

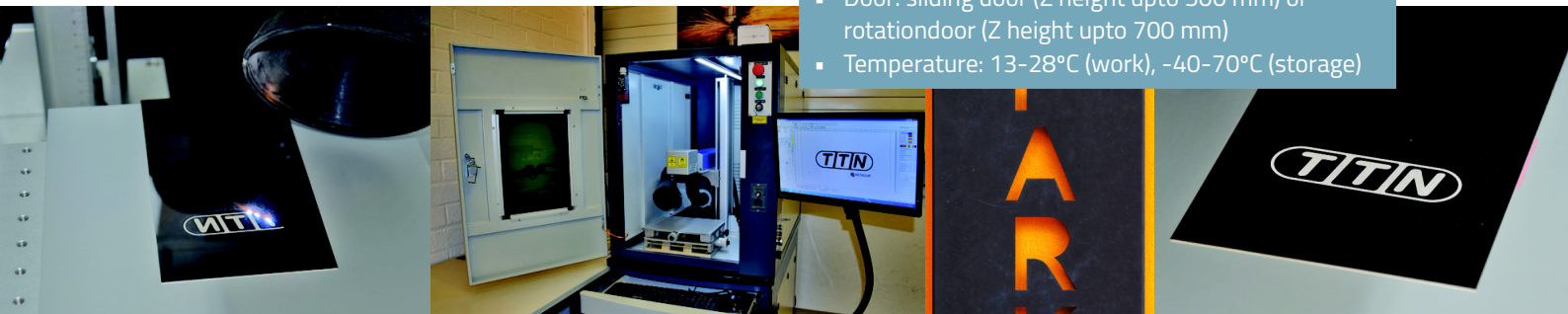
- MQ FBC50 cliché fiberlaser machine with integrated industrial computer and cliché holder
- Industrial XY table, manual focus setting, lens for work surface of 100x100mm and 200x200mm
- Lasersoftware (Win XP/7/8/10)
- Industrial air filter (complies with ISO 15012-4:2016)
- Starter kit YL50 cliché plates
- Product & software manual (EN & NL)

CLICHÉ PLATES YL50

- Standard sizes 500 x 600 mm (19,8" x 23,62") and 500 x 650 mm (19,8" x 25,59")
- Option to customize plates size to fit any brand of pad-printing machine.
- Material: aluminium (non-magnetic). Magnetic adapter plates can be supplied for use on closed or magnetic ink-cup machines

TECHNICAL SPECIFICATIONS

- Workarea: 100x100 mm or 200x200 mm
- Laser type: pulsed, high-energy Raycus laser
- Wavelength laser: 1064 nm
- Repeat frequency: 20-100 kHz
- Laserpower: 20W, 30W or 50W
- Minimal spot diameter: 0.01 mm
- Minimal linewidth: 0.01 mm
- Linear marking speed: 0-12000 mm/s
- Character engraving speed: > 800 karakters/sec
- Repeatability +/- 0.001 mm
- Marking depth: 0.01 – 1 mm
- Cooling: air
- Power supply: 230 Vac +/- 10%, 50-60 Hz
- Machine Power: <500 W
- Dimensions [B x D x H]: 60 x 75 x 180 cm
- Housing: closed cabinet, with integrated control, lasersource, PC and display (connector for foot-control and extra IO ports)
- Door: sliding door (Z height upto 500 mm) or rotation door (Z height upto 700 mm)
- Temperature: 13-28°C (work), -40-70°C (storage)



WHY CHOOSE METAQUIP?

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

THE USE

We of course explain the use of the machine, but we also give special training. Inquire about the possibilities.

LASER SAFETY

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. These machines are class 3R.

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?

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

WARRANTY & CERTIFICATION

Machine warranty: 2 years, 50.000 hours on the laser-source (expected lifetime 50.000 till 100.000 hours, depending on use conditions. CE certified meets the machine guidelines. Laser safety class 3R.



laser safety class 3R