

KOENIG K20FME FIBER MARKING

Rapid Galvo Fiber Marking Machine

MODEL: K20FME / K30FMR / K50FME / K80FME / K100FME

FROM \$14,500+GST



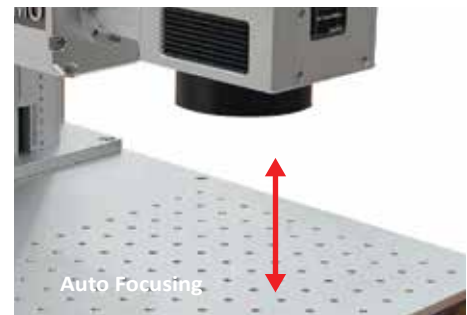
“The FME range of Fiber marking machines are the perfect industrial marking option, with the largest marking area and marking height on the market. With its heavy duty frame and huge marking height capability this machine will mark a huge range of small to large products, repeatedly and reliably while providing full class 1 laser safety at all times. ”

MODEL DETAILS:

- 20W / 30W / 50W / 80W / 100W Power options
- 300x300mm Marking area
- Marking product height up to 270mm!

FEATURES:

- Large heavy-duty frame
- Fully enclosed machine with CE Certified protective glass
- Built in computer / monitor screen / Keyboard and mouse
- M5 threaded mounting plate with 2* basic jig brackets
- Automatic focus
- German Scanlabs galvanometer
- High speed Marking up to 7000mm/s
- Fast opening main door with Interlocking door sensor
- Widen opening doors on both sides with key safety locks
- Red dot center and framing function
- LED internal lighting
- EZcad software can generate barcodes/QR codes/serial numbers and is compatible with Excel
- Lightburn Software compatible
- Optional rotary chuck for marking onto cylindrical items up to 80mm in diameter
- Marking height up to 270mm



APPLICATION:

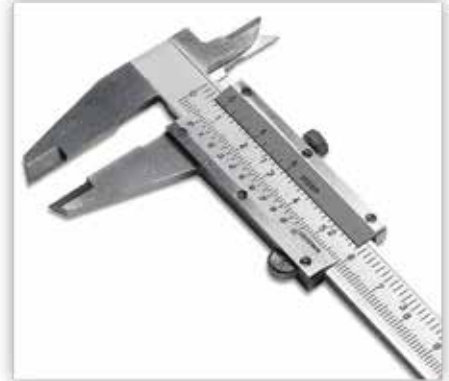
This fiber marking machine can mark/etch:

Metals – mild steel, stainless steel, aluminium, anodised aluminium, copper, brass, silver and gold

Plastic – acrylic, ABS, HIPS, PE, PP, 2-ply/traffolyte etc

Finishes - painted/anodised/powder coated and coated metals and plastics

Fiber marking machine can also be used for marking onto wooden surfaces, however the finish will be less consistent than a CO2 laser. Thin metal can be cut with the 50W+ power option, however this will require many passes. We would recommend a fiber cutting machine for cutting.



Technical Parameters	Specification
Laser Power	20W / 30W / 50W / 80W / 100W
Safety Class	Class 1 enclosed
Marking area	300 x 300mm
Max Marking Height	270mm
Laser wavelength	1064nm
Minimum line width	0.02mm
Minimum character	0.15 x 0.15mm
Max engraving line speed	7000mm/s
Repeatability accuracy	±0.01 mm
Re-positioning accuracy	0.02mm
Controlling Software	EZcad software provided, Lightburn software available
Graphic Format Supported	Graphics files – Ai, DXF, PLT, Gerber, etc. G code – MaterCam, Type3, Wentai etc.
Compatible Software partners	Illustrator, photoshop, CorelDraw, Autocad, Solidworks, MaterCam, Type3, Wentai etc.
Auxiliary Equipment	Built in computer, monitor, with keyboard and mouse provided. Inbuilt electrical cooling system
Power Supply	230V, 50Hz, 10amp
Working Environment	Temperature:0-45C, Humidity 5-95%(No Condensate Water)
Options	CE certified laser safety enclosure, 100x100mm marking lens, 300x300mm marking lens, chuck rotary device, air filtration unit
Machine Footprint	760(W)*1010(D)*1630(H)mm
Weight	250kg
Package Dimensions	1200(W)*1100(D)*1780(H)mm
Gross weight (in packaging)	270kg