

MarkGo Fiber Series

Portable fiber laser marking system | 20 W, 30 W and 50 W options

A technical appendix that consolidates the usable data from the supplied specification sheet into a neutral PrintSupply product format. Source power, field size and process result are specified after application validation.



LASER AND MARKING PERFORMANCE

Laser source	Fiber laser generator
Wavelength	1064 nm
Output options	20 W, 30 W or 50 W
Source working life	100,000+ hours
Maximum marking speed	Up to 12,000 mm/s
Line speed	0 to 130 m/min, dependent on material
Minimum line width	0.0012 mm
Repeat accuracy	0.003 mm
Marking fields	75 x 75 mm or 120 x 75 mm; other sizes on request
Positioning	Red-dot positioning
Cooling	Air cooled
Power consumption	200 W

CONTROL AND INTEGRATION

User interface	8 inch color touchscreen
Controller	Embedded Linux platform and multi-user access management
Marking modes	Static, simulation and encoder modes
Content	Text, serials, date/time, graphics and variable databases
Graphic files	BMP, DXF, HPGL, JPEG, PLT and compatible files
Coding	Common linear and QR code formats
I/O signals	Start, printer status, complete and fault signals
Data integrity	Data retention support following power interruption
Connectivity	USB and Ethernet data transfer and network access
Power supply	220 V / 50 Hz external supply
Approx. dimensions	Head: 240 x 100 x 230 mm; controller: 270 x 155 x 245 mm
Working environment	0 to 45 C; up to 95% RH, non-condensing



APPLICATION AND SAFETY REVIEW

Fiber laser performance and safe operation depend on material, surface finish, fixture design, line integration and working environment. PrintSupply confirms the final configuration after a representative application check.