

BOSS Laser: FM 20/30/50/100

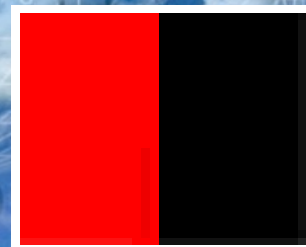
The product line represents the pursuit of perfection in laser engraving and cutting!



**CORELDRAW AND
MOST GRAPHICS SOFTWARE
SUITES TO EZCAD**



*Additional modules and customization available



COREL™ Training

BOSS Platform Accessories

The BOSS Laser Cabinets are created from European designs to all but eliminate stack-able error in the high-end assembly process. You can process both C02 or YAG/Fiber or use them in combination. Additionally you can laser uneven surfaces, focus on two items at a time, even add a conveyor belt to the Production Process, making this a truly industrial unit.

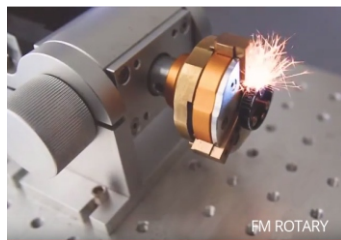
BOSSLASER™

Optional Accessories

Long Lasting Laser Optics

These industrial USA Optics are manufactured with Triple Thick surfaces

We have 20-100 Fiber Optics



Cylindrical Devices

Our Cylindrical Devices are both Rotary and Scissor which gives you the ability to engrave on 360° objects. Gaining the ability to engrave on cups, mugs, dials or even a flashlights!

BOSS ONE Warranty Plan

You get a P.C. with an extra Year Warranty and EngraveLab, Boss Verison and Free Follow-up Training. Create in **CoreIDRAW**, Adobe, AutoCad whatever your like and send them directly to your laser engraver. Full Video Course Available!



Internal Laser Extraction Unit

This fume extraction system extracts Fumes with outside access, and allow you more mobility and ease.



Engraver's *choice*



"YOUR LASER ENGRAVING AUTHORITY"

EZCAD **TRAINING MANUAL**

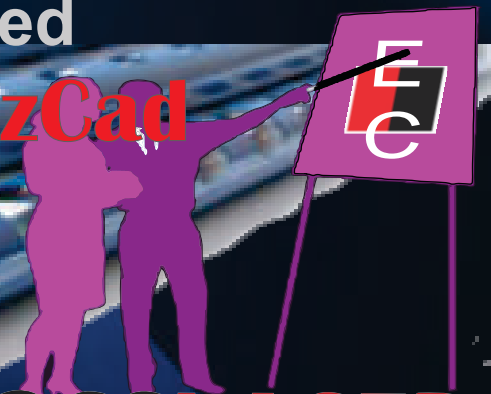
Instructed By
Joe Braga

Engraver's Choice EzCAD Training for Lasers[®]

949-355-4000

Free Phonetime with Purchase
Free Follow-up
Onsite Training for Installation,
Graphics Training & Appilications

Courses for LaserCAD
& the more Advanced
LASERWORKS or EzCad



BOSSLASER

BOSS SYSTEM SPECIFICATIONS

DANGER

LASER RADIATION
AVOID DIRECT EYE EXPOSURE

DIODE LASER
5 mW MAX OUTPUT AT 670 nm
CLASS 3R LASER PRODUCT

DESCRIPTION

BOSSFM20

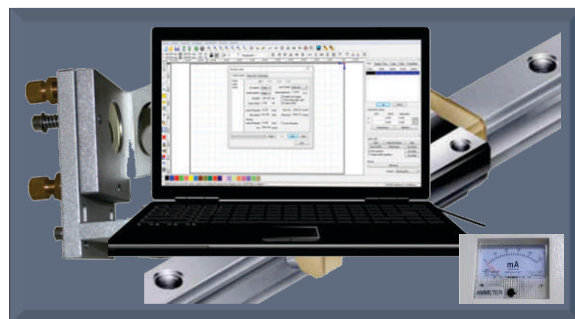
Ease of handling and mobility The FM-D is powered with a Ytterbium 20W fiber laser marker with a Q-switch or pulsed output laser beam. Designed to mount on any desktop or for mobile transport. Permanently mark and engrave raw metal applications as well as industrial polymers. The improved beam quality coupled with 10X more focused beam diameter (compared to CO2) makes this fiber marker ideal for applications that demand extreme precision and tight tolerances.

GALVO FIBER MARKER INCLUDES:

- Designed and Engineered by Boss Laser for mobile transport without sacrificing work area or power
- Free Demo! See this laser in action! Call to schedule here in Orlando, FL.
- Permanently mark or etch smooth or uneven metals including firearms, tools, parts, jewelry, PVC & Acrylics
- Through July 31st we are including your choice of 50 or 80mm rotary tool for cylindrical objects - \$897 value
- Up to 100x faster compared to gantry style lasers
- Open table does not limit material size like small enclosed units
- Pulse Wave Frequency range varies by laser power: 20W=20-60KHz, 30W=30-60KHz, 50W=50-100KHz
- Compact Scan head w/ low maintenance - no more flying optics to align
- High reliability: Up to 100,000+ hours productivity
- NEW! 2019 CoreIDRAW® Graphics Suite - \$499 value! Top rated professional vector illustration, layout, photo editing and design software helps you work faster and smarter with your Boss laser.
- Efficiency: Wall plug efficiency is near 30% (vs. only 3% with CO2).
- Adjustable Z-axis up to 30", vertical height movement = 17"
- Ask us about integrating an automated feeder system for production lines
- Foot pedal included for production job runs
- Chuck rotary size options for cylindrical objects (optional)
- Lifetime Dedicated USA tech support as long as you own the fiber marker
- BOSS owner manuals and video support
- Full Support via. phone, email, chat, or remotely accessing your pc.
- 30 Day Return Available
- Two (2) year Warranty fully protects Fiber Laser machine and parts.

SPECIFICATIONS

Fiber Power Options	20W, 30W, or 50W
Speed	Speed: 5,000mm / sec
Laser Wavelength	1064nm
Repeated Accuracy	0.002"
Cooling Method	Forced Air
Beam Quality	20 - 30W = < 1.5m ² ; 50W = <1.8m ²
Power Requirement	110v/50hz to 60hz
Image Formats	Supports PLT, BMP, DXF, JPG, TIF, AI, PNG, JPG, etc.
Net Weight	120 lbs
Machine Dimensions	28"Deep x 19.75"L x 34"H
Crate Dimensions	33.5"L x 24.5"W x 39.5"H / 220#



To learn more about the Boss product range, visit www.bosslaser.com or contact an authorized BOSS representative in your local area.

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CDRH Class 1 safety enclosure for CO₂ laser. Class 3R for red laser pointer. Class 4 for pass-thru mode

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