



FC-6012 ELITE

BOSS Laser: FC Series

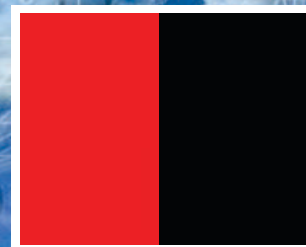
The product line represents the pursuit of perfection in laser engraving and cutting!



**INCLUDES INSTALL &
CYPCUT GRAPHICAL
INTERFACE**



*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 CO2 or YAG/Fiber or use them in combination. Additionally you can laser-true even surfaces, focus on two items at a time, even add a conveyor belt to the Production Process, making this a truly industrial unit.

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Optional Accessories

Long Lasting Laser Fiber Source

These industrial USA Optics are manufactured with 100,000 Hr Average Life Spans

Boss Verison and Free Follow-up Training. Create in **CorelDRAW**, Adobe, AutoCad whatever your like and send them directly to your laser engraver. Full Video Course Available!

With Engravelab 10 & More



Internal Laser Extraction Unit

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



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VisionPro & Other Cadlink Products

Engravelab Basic-I Course

TRAINING MANUAL

**Desktop Videos &
Full Color Manuals**

**Laser & Rotary-CNC
Training**

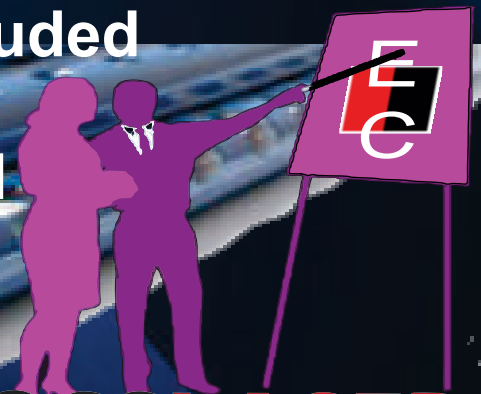


Instructed By
Joe Braga

949-355-4000

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

Cypt-Cut
Graphical Interface Included
Onsite Installation
& Training Included



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BOSS SYSTEM SPECIFICATIONS

FC-6012

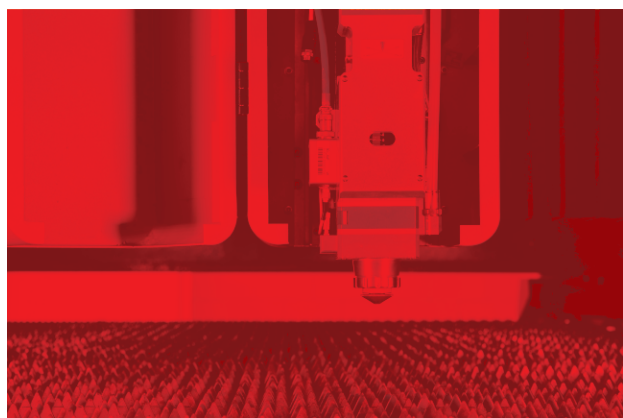
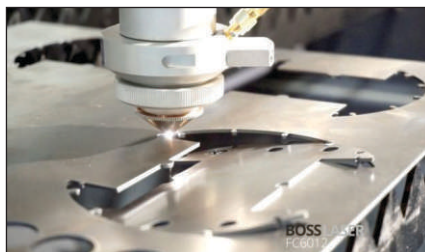
BOSS FC-6012-Elite

For more demanding metal applications step up to Boss' higher powered FC Elite. Supports up to 1KW of fiber power all supported by higher grade components and drive system for greater precision and longevity.



BOSS FC-Series

BOSS' Fiber cutters are specifically engineered for industrial, production environments. Precision laser cutting metal machinery backed by competent support and a strong 2 year warranty is why more clients are investing into BOSS' fiber cutters.



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BOSS SYSTEM SPECIFICATIONS

FC-6012 Elite

Cutting Area(s)	X=59", Y=118", Z=3" or X=79", Y=236", Z=3"
Materials	Stainless, carbon, aluminum, brass, copper, titanium
Fiber Laser Power	IPG CW 500W, 700W, or 1KW
Laser Head	Swiss made capacitive fiber cutting head for high power cutting
Transmission	Atlanta gear helical rack & pinion w/ HIWIN linear guide rails
Z-Drive	Ball Screw transmission w/ HIWIN Linear guide bearings & rails
Laser Software Interface	CypCUT Plane Cutting Software
Motor Type	Yaskawa AC Servo Motors & Drivers
Platform	Pneumatic rollers for conveniently sliding sheet metal onto platform
Phase	3 Phase
Venting	Exhaust fans w/ venting pipe included
Net Weight	10,050 lbs
Machine Dimensions	96"W x 180"L x 82"H or 120"W x 315"L x 74"H
Warranty	2 Years (includes parts & laser power)
Class	Class 4 laser

DESCRIPTION

boss FC 6012 Elite fiber laser

FEATURES INCLUDE:

NOTE: Call us to schedule a LIVE demo at our facility in Sanford, FL

Efficiently cuts stainless, carbon, aluminum, titanium, and other non-ferrous metal applications

IPG Photonics fiber laser power source (USA) ranges: CW 500W, 700W, or 1KW

Laser Head: Swiss made capacitive fiber cutting head engineered for higher power cutting

Fiber offers reduced maintenance requirements and operating costs compared to Co2

Cutting area of 59x118" (5x10') accepting full sheets of metal (79" x 236" also available)

Transmission: Atlanta Helical gear rack & pinion w/ HIWIN linear guide bearings & rails

Z-Drive: Ball Screw transmission w/ HIWIN bearings & rails

Precision: <+/-0.004"

Yaskawa AC servo motors & drivers

Pneumatic rollers for convenient sheet metal handling

Laser Software Interface: CypCUT Plane Cutting Software

Mounted touch screen monitor and remote control for convenient interfacing

Working voltage: Call for info

Includes Free on-site installation and training for turn key production

Dedicated USA technical support - For Life. We do not charge for ongoing support!

We can serve you via. phone, email, chat, remote computer access, or on-site!

Limited Two (2) year Warranty covers laser machine parts

Ask about our optional warranty extensions

If time is of the essence please call 407.986.4104 for accurate shipping quote and ETA



100%
Customer
Satisfaction

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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