



FC-6012 PRO

BOSS Laser: FC Series

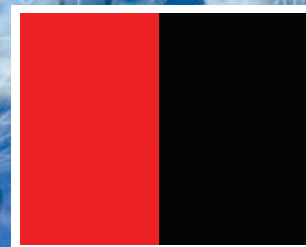
The product line represents the pursuit of perfection in laser engraving and cutting!



**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 uneven surfaces, focus on two items at a time, even add a conveyor belt to the Production Process, making this a truly industrial unit.

BOSS LASER™

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 **CoreIDRAW**, 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
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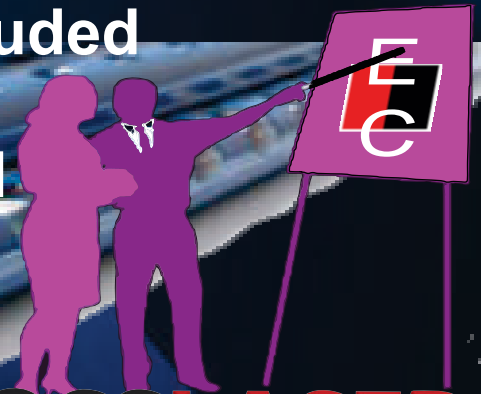


Instructed By
Joe Braga

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



BOSSLASER

BOSS SYSTEM SPECIFICATIONS

FC-6012

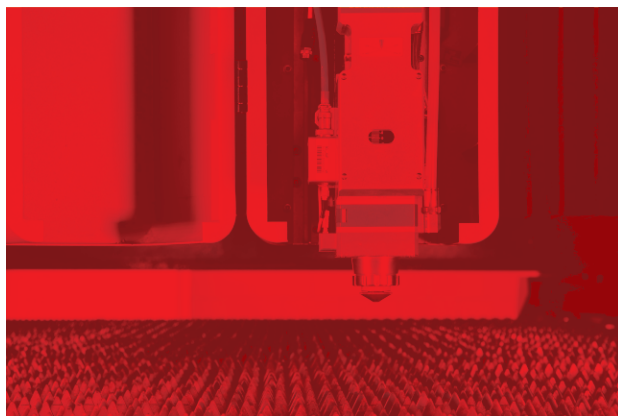
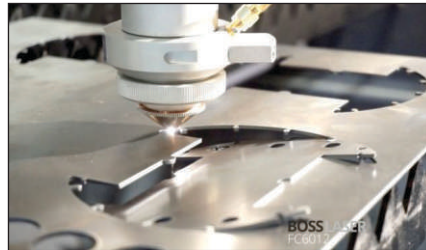
BOSS FC-6012-Pro

Boss' FC PRO has proven to be a reliable, open bed (5'x10') fiber laser sheet metal cutter for production demanding environments. With IPG power options up to 700 watts the PRO comes standard with capacitory laser head, servos, and helical rack and pinion transmission.



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.



BOSSLASER™

www.bosslaser.com
www.engraverschoice.com

BOSS SYSTEM SPECIFICATIONS

FC-6012 Pro

Cutting Area(s)	X=59", Y=118", Z=3"
Materials	Stainless, carbon, aluminum, brass, copper, titanium
Fiber Laser Power	IPG CW 500W or 700W
Laser Head	Swiss made capacitive fiber cutting head for high power cutting
Transmission	Helical rack & pinion w/ HIWIN linear guide rails
Z-Drive	Ball Screw transmission w/ HIWIN Linear guide rails
Laser Software Interface	CypCUT Plane Cutting Software
Motor Type	Panasonic Servo Motors & Drivers
Phase	3 Phase
Venting	Exhaust fans w/ venting included
Net Weight	6,000 lbs
Machine Dimensions	93"W x 176"L x 78"H
Warranty	Limited 2 Year warranty
Class	Class 4 laser

NOTE: This machine runs on oxygen or nitrogen and is not included with the machine.

FC-PRO INCLUDES:

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

Applications primarily suited for cutting stainless, carbon, aluminum, titanium, and other non-ferrous metals

IPG Photonics fiber laser power source (USA): CW 500W or 700W

Cutting area of 59"x120" (5'x10') easily accepting full sheets of metal

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

Fiber offers reduced maintenance requirements and operating costs compared to Co2

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

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

Precision: $\pm .004"$

Panasonic AC servo motors & drivers

Laser Software Interface: CypCUT Plane Cutting Software

Mounted touch screen monitor and remote control for convenient interfacing

Working voltage: Call for info

Includes Free onsite install and training

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 407.917.5476 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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sales@engraverschoice.com



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



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