

# ACCU-CUTTER

## BOSS Laser: FC Series

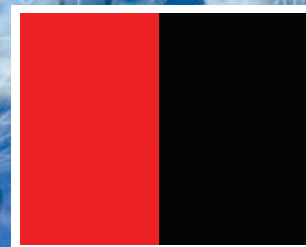
The product line represents the pursuit of perfection in laser engraving and cutting!



**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 **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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# Engravelab Basic-I Course

# TRAINING MANUAL

**Desktop Videos &  
Full Color Manuals**

**Laser & Rotary-CNC  
Training**

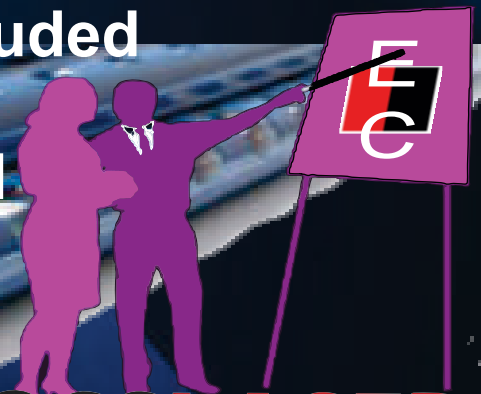


Instructed By  
Joe Braga

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**



**BOSSLASER**

# BOSS SYSTEM SPECIFICATIONS

## BOSS FC-Accu-CUT

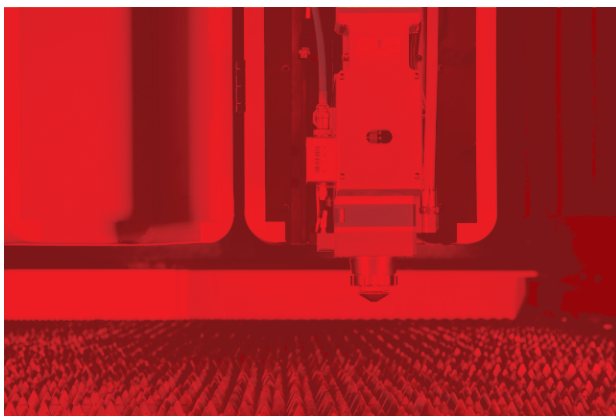
The FC-3650 Accu-CUT enclosed laser cutter offers superior sheet metal cutting accuracy. An enclosed 3x4' fiber machine the Accu-CUT offers greater precision, power, and speed than all its predecessors.

Capable of laser cutting stainless or carbon steel, aluminum, brass, copper, titanium, and other metal alloys.



### 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

## Accu-Cutter

<b>Cutting Area</b>	X=51.2", Y=35.4", Z=3" (900 x 1,300mm)
<b>Materials</b>	Stainless, carbon, aluminum, brass, copper, titanium
<b>Fiber Laser Power</b>	IPG CW 500W, 700W, or 1KW
<b>Laser Head</b>	Swiss made fiber cutting head for high power cutting
<b>Transmission</b>	Dual ball screw and HIWIN rail transmission
<b>Laser Software Interface</b>	CypCUT Plane Cutting Software
<b>Motor Type</b>	AC Servo Motors w/ AC Driver
<b>Phase</b>	3 Phase
<b>Venting</b>	Exhaust fans w/ venting pipe included
<b>Net Weight</b>	3,900 lbs
<b>Machine Dimensions</b>	86"W x 85"L x 64"H
<b>Warranty</b>	2 Years (includes parts & laser power)
<b>Class</b>	Class 4 laser

### DESCRIPTION

Boss FC 3650 Accu-CUT laser FEATURES INCLUDE:  
Switzerland upgraded BT240S fiber laser cutting head designed for mid to high power metal applications  
Laser Head optimized w/ dust proof design windows for protecting the collimating lens  
Integrated IPG CW Fiber Laser power - Optional 500W, 700W, or 1KW  
Laser beam is delivered via fiber optic cable. No cleaning or aligning mirrors means less maintenance and increased productivity.  
Improved 30% wall plug efficiency compared to 10% for Co2  
Tawain ball screw transmission on X,Y, & Z axis with Hiwin linear rails provide precision tolerances w/in .01 µ  
Panasonic servo motors and drivers w/ high speed response frequency 3.2kHz  
Designed for laser cutting CypCUT control card, breakout board w/ wireless remote and free standing capacitor height adjustor  
2 port solenoid valve permits application of a wide variety of fluids (air, gas, vacuum, water, steam or oil) for processing stainless or brass.  
Material clamping system with removable cutting blades  
Industrial welded steel frame w/ sheet metal covers  
Pull out material collection tray enables easy material retrieval without opening machine doors  
Mounted PC/Monitor pre-installed w/ Windows 10 w/ WiFi Capability  
Casters and adjustable leveling feet with Anti-Vibration pads for easy install and relocation  
Large access panel accommodates quick and easy maintenance  
FREE Lifetime Tech Support. We are a tech support driven company  
We can serve you via. phone, email, chat, remote PC, or at your location  
Two (2) year Warranty covers laser machine parts. Ask about our optional warranty extensions  
Two (2) day installation, and training included within the lower 48 states



100%  
Customer  
Satisfaction

To learn more about the Boss product range, visit [www.bosslaser.com](http://www.bosslaser.com) or contact an authorized BOSS representative in your local area.

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CDRH Class 1 safety enclosure for CO<sub>2</sub> laser. Class 3R for red laser pointer. Class 4 for pass-thru mode



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