

BOSSLASER™

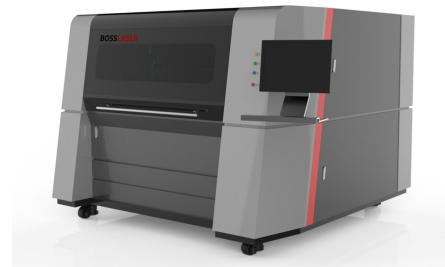
Fiber Laser Metal Cutters

The Boss Laser fiber based metal cutters are engineered to provide high-speed processing, ultra-precise accuracy, and superior cutting quality.

Fiber laser cutters have historically offered an excellent return on investment by providing the fastest cutting speeds available to the metal cutting industry, virtually no maintenance, or edge clean up. This combined with dramatically lower operating cost compared to plasma, CNC routers, and water jet, make a fiber based metal cutter a great investment for your business.

Boss Laser offers power options between 500 watts and 3Kw, open table or enclosed cabinet configurations, and a material feed table which is standard with our EXT machines.

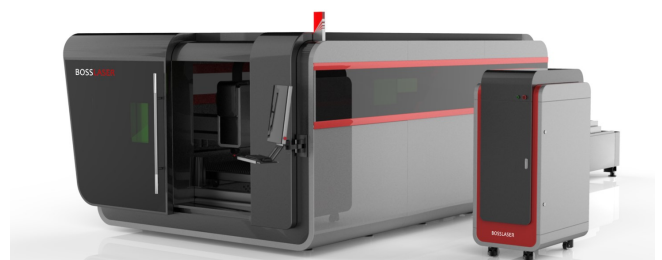
Add all of this plus our second to none customer support and it's easy to see why Boss Laser is your best choice for laser metal cutting.



FC-3650 3ft x 4ft (915mm x 1219mm)
500, 700, or 1,000 watts



FC-6012 5ft x 10ft (1524MM X 780MM)
500,700, or 1,000 Watts



FC 6012 EXT 5ft x 10ft (1524MM X 780MM)
1Kw, 2Kw OR 3Kw Watts



BOSSLASER™

FC-3650 Fiber Laser Cutter

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

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

The Accu-Cut comes in 500, 700, 1,000 Watt laser powers, and features the BT240S Swiss-made cutting head, an IPG American-made fiber laser, Panasonic servo motors and, a highly accurate ball screw drive system.



With a footprint of 86" x 85" inches, this small machine will also fit into just about any floor plan.

Cutting Area	X= 51.2" x Y= 35.4" Z=3"
Laser Power	500W, 7090W or 1Kw
Machine Dimensions	86"W x 85"L x 64"H
Motor type	Servo
Positioning Drive	Ball Screw
Z table	Laser head up/down 4"
Warranty	2 Years Parts and Un-limited technical support for the life of your machine.

BOSSLASER™

FC-6012 Fiber Laser Cutter

Our open bed fiber laser cutter is able to process most metal types and cut up to 8mm (.315") carbon steel when equipped with a 1Kw laser.

The **BOSS FC-6012** flat bed laser machine offers a 5x10' cutting bed to accept full size material.

This robust machine can be powered with either 500, 700, 1,000 Watt laser power.



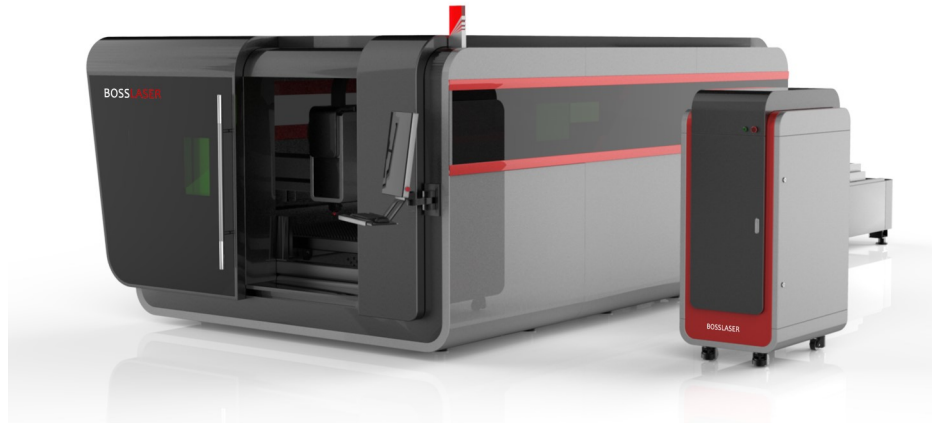
Rack and pinion drive systems, American made IPG laser, and Swiss cutting head make this machine perfect for precision parts cutting.

Includes U.S. made fiber power source, onsite installation and training, and a two year warranty

Cutting Area	60 x 120" (1,500mm x 3,000mm)
Laser Power	500W, 700W, or 1Kw US made IPG Laser
Motor type	Servo motors on rack and pinion drive
Z table	Laser head up/down 4"
Warranty	2 Years Parts and Unlimited technical support for the life of your machine.

BOSSLASER™

FC 6012 EXT Fiber Laser Cutter



The FC 6012 EXT is a perfect choice for your higher production needs. With up to 3Kw of power available it can be tailored to your needs. Imagine cutting **1mm stainless at 11.8 inches per second** with no edge cleanup, burring, heat damage, or warping. That's the power of fiber laser cutting.

This "Boss" of a machine also has a material change table. While one piece is being cut another can be loaded and be ready for an automatic change out.

All Boss Laser Fiber cutters come with:

- *Nesting Capability: optimizes material utilization and reduces scrap
- *Edge Finding: ensures that the cut file perfectly aligns with the edge of the material.
- *Automatic Focus adjustment: Adjusts the cutting head height to compensate for waves in material.
- *American Based Support
- *Unlimited technical support for the life of the machine.

Cutting Area	60 x 120" (1,500mm x 3,000mm)
Laser Power	1Kw, 2Kw & 3Kw Fiber
Machine Dimensions	320"x 111"x 84" 8150x2825x2125mm
Motor type	Servo motors on rack and pinion drive
Z table	Laser head up/down 4"
Warranty	2 Years Parts and Un-limited technical support for the life of your machine

BOSSLASER™

Material	Thickness (mm)	Thickness (inches)	Gauge	500W CW	700W CW	1kW CW	2kW CW	3kW CW
	0.5	0.019	26	X	X	X	X	X
Mild Steel	1	0.04	20	X	X	X	X	X
	2	0.08	14	X	X	X	X	X
	3	0.118	11	X	X	X	X	X
	4	0.157	8	X	X	X	X	X
	6	0.236			X	X	X	X
	8	0.315				X	X	X
	10	0.393					X	X
	12	0.472						X
	14	0.551						X
	16	0.63						X
18	0.708						X	
	0.5	0.019	26	X	X	X	X	X
Stainless Steel	1	0.039	20	X	X	X	X	X
	2	0.078	14	X	X	X	X	X
	3	0.118	11	X	X	X	X	X
	4	0.157	9			X	X	X
	5	0.196	6			X	X	X
	6	0.236	4				X	X
	8	0.314	0					X
	10	0.393	0					X
	.5	0.019	24	X	X	X	X	X
Aluminum	1	0.04	18	X	X	X	X	X
	2	0.078	12	X	X	X	X	X
	3	0.118	9			X	X	X
	4	0.157	6				X	X
	6	0.236						X

BOSSLASER™

Value Added Products

Boss Laser is happy to partner with some industry leading companies who offer complementary equipment to the laser cutting process. We chosen these products to enhance your productivity, add safety, and reduce operating costs.

Laser Safety from:

Laservision

Laser Safety Audit and Classes

Ensures that your shop is up to ANSI Z136.1-2014 standards. Makes a safe work space for your employees.

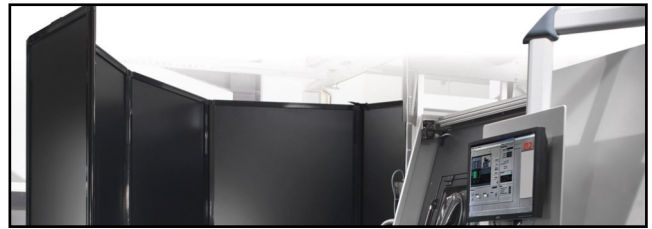
Laser Barriers

Custom laser curtains, panels, or rooms protecting your employees from eye damage due to laser radiation reflections.

Laser Eyewear

Laser Windows

Safety Signage



Nitrogen generations systems from



- Nitrogen is an inert, dry, non-flammable gas used to assist in laser cutting
- Prevents oxidation, scaling, or discoloration
- Rapidly removes molten metal or dross from cutting zone
- Protects laser optics, mirrors, and lenses
- Gives edges better adhesion for paint
- Gives welded edges improved bend strength
Removes particulate from beam path reducing laser distortion.



BOSSLASER™



Fiber laser owners are finding that an efficient material handling system can be an important element in laser cutting. With cutting speeds increasing loading and unloading material can cause a roadblock in parts production. ANVER'S Standard Vacuum Lifters offer efficient material handling solutions and promote functionality, safety, and ergonomic operations.

SlatPro



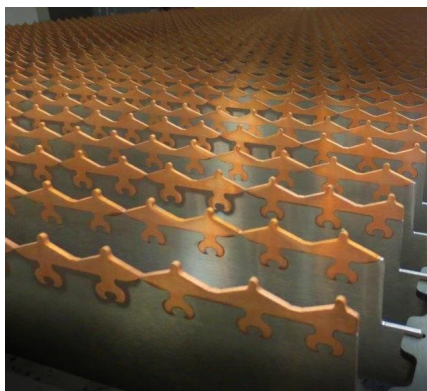
Rihino Hammer
makes removing tabbed parts
fast and easy



Slaghog.
Quickly and easily remove tough slag and
dross buildup from you



Slat Shield
Keeps your slats cleaner
longer and easier to clean.



Copper Slats
Last six to eight times longer and are easier
to clean than steel slats.