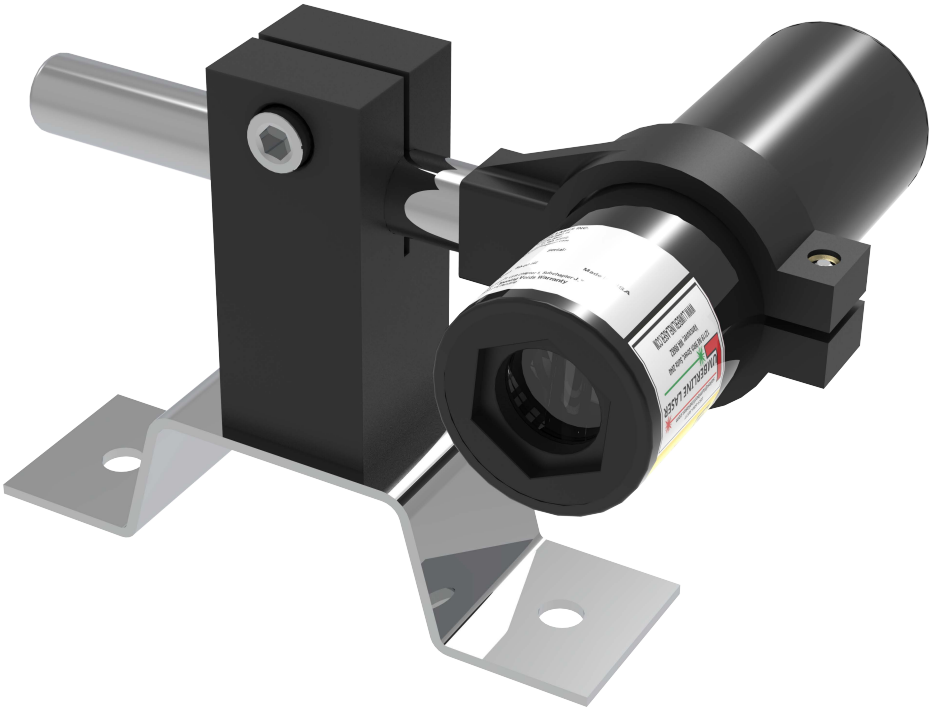




UMBERLINE LASER, INC.



**American Made Lasers & Mounting Hardware Since 1985**



# Catalog

Email: [sales@lumberlinelaser.com](mailto:sales@lumberlinelaser.com) Web: [www.lumberlinelaser.com](http://www.lumberlinelaser.com)

Call us Toll Free: 855-686-3077 Fax: 360-686-3033

# LASERS

We offer **six** power levels in **two** power input configurations, allowing simple connections from line level AC input to low voltage AC/DC, making it easier than ever to find a unit for use with your systems.



## General:

- Manufactured in the USA
- Solid State Laser
- 24 month warranty
- Repairable

## Dimensions:

Length: 2.75-4in (70-98mm)

Diameter: 1.25in (31.75mm)

## Power Level Chart

| Power Levels | Line Lengths         |
|--------------|----------------------|
| 05mW         | 0-6 ft (0-2 meters)  |
| 10mW         | 0-12ft (0-4 meters)  |
| 15mW         | 0-15ft (0-5 meters)  |
| 20mW         | 0-20ft (0-6 meters)  |
| 30mW         | 0-24 ft (0-8 meters) |
| 50mW         | 24+ ft (8+ meters)   |

Red available in: 05,10,15, 20 & 30mW      \*All lengths given assuming average ambient light.  
 Green available in: 05,10,30 & 50mW

## To order:

Replace the X's in the model number following the series prefix with the power level and configuration that you require.

E.g., **L-05-R** would represent a 05mW laser with the built in power supply configuration.

For **GREEN** add "-GRN"

For the **R M12** variant add

"M12" (E.g., **L-05-R-GRN M12**)

X - XX - X  
 Series Prefix    Power Level    Configuration

\*We only offer the 15mW laser in **RED** and our 50mW laser in **GREEN**.



# L-XX-LV

The L-XX-LV features a built-in low voltage power converter, accepting a wide range of power inputs for machine voltage or portable applications.

LV Series lasers feature the industry standard M12-A Coded power connector.

**Power Inputs:** 4.5-36 VDC

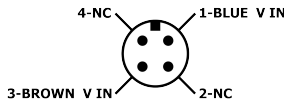
9-25 VAC

**Cord Length:** 2, 5 & 10 Meters

**Weight:** 2.3 oz

**Environment:** NEMA 6 / IP67

**M12-A Connector:**



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# L-XX-R

The R Series has been our mainline laser. This unit features a remote power supply. It features a switch mode power supply that can run on 120-240 vac main lines. For hardwired applications, the R Series lasers can be fitted with an industry standard M12 connector for use in 5vdc control cabinet installations.

**Power Supply:**



(PT# SA-115)

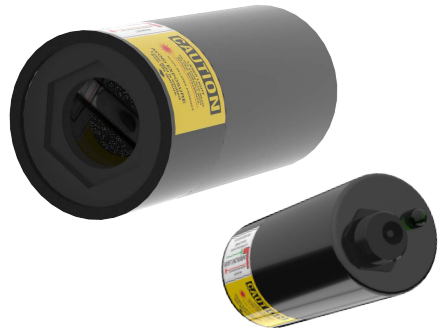
100-240 vac

50-60 hz

300ma

**Cord Length:** 9ft-10"

**Weight:** 2.3 oz



# EDGERS

Our shifting assemblies for board edgers set the industry standard for durability, and ease of use.

- The assemblies come with all of the routing pulleys, and cable that you will typically need to install them.
- The anodized aluminum trolleys slide on a rust resistant chrome, using replaceable Delrin bearings.
- Units come standard with 48" (122cm) shafts, but can be ordered in lengths up to 72" (183cm).

\*To add a stationary saw, order an **SA-009** stationary bracket.



**SA-009**

## SA-001

### UNISON STYLE



## SA-002

### INDEPENDENT STYLE



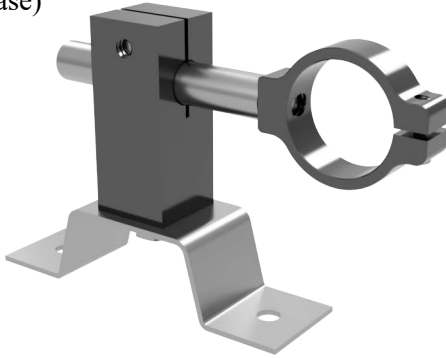
# STATIONARY BRACKETS

## SA-008

Use for any mounting application that is fixed.

Mounting options:

- 2ea 1/4" (6.35mm) bolts at 3-1/4" (7.62 cm) spacing
- 1ea 5/16" (7.94mm) bolt (omitting the formed base)



## SA-009

Useful in applications that require multiple fixed lasers at a single location such as bull edgers

- Designed to clamp to a 3/4" (19.05mm) shaft
- Use as a stationary saw bracket on our shift assemblies



# Other Brackets & Hardware

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## SA-110 & SA-111

The SA-110 bracket is used when mounting onto a 20mm shaft common on bridge saws and many foreign machines.

The SA-111 bracket fits onto 1/4" (19.05mm) shaft.

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## SA-072

This bracket is a flexible universal base for straight line rip saws. It elevates the laser unit up off of the machine, allowing the laser to be adjusted for line length and keeps it more out of harms way.

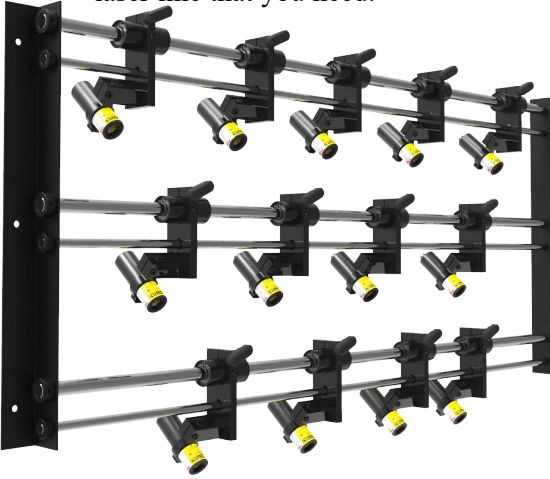
- Height 18" (45.72cm)
- Mounting: 2- 5/16" (5.08cm) holes spaced 3" (7.62cm) apart



\*shown with SA-008 stationary bracket, NOT INCLUDED

# GANG RIP SAWS

Below are the components of our gang rip saw racks (**SA-003**).  
Simply order the three rail assembly, and purchase a trolley for each laser line that you need.



- Spacing down to less than 3/4" (1.9 cm) utilizing all three shafts
- User Replaceable bearings
- Easy thumb screw adjustment
- Order only what you need, and add on later!

## COMPONENTS:

### SA-011

Handset Trolley

- Delrin Bearings with snap rings for easy replacement
- Easy, accurate, adjustment
- Repeatable accuracy
- 4" wide.



### SA-003

3 rail shaft set with end brackets

- Standard length is 48" (122cm), but can be ordered up to 72" (183cm)
- Rust resistant chrome shafting



## SA-003 Double & Single



Smaller rail sets for gang rip saws or any simple hand-set mounting need. Purchase handset trolley's as needed.

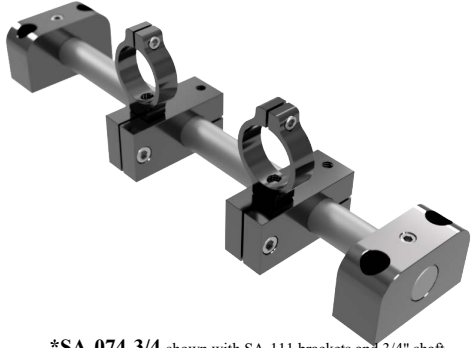
- SA-003-Double
- 2 rails with end brackets.
- Rail Length up to 72".

- SA-003-Single
- 1 rail set with end brackets.
- Rail length up to 72"



### SA-074-3/4 Shaft End Brackets

These end brackets are designed with the SA-111 (not included) and are a convenient way to hold a .750 dia shaft in applications where one or more brackets are needed to indicate multiple lines. They are sold individually, and come with 5/16-10 allen socket cap screws, lock washers, and hex nuts.



\*SA-074-3/4 shown with SA-111 brackets and 3/4" shaft.



### SA-155-ASSY

Designed for applications that need to mount to a vertical surface on one side. Commonly used to mount the laser on a bridge saw (Bridge Mounted). Implements the SA-111 bracket seen above (NOT INCLUDED).

Available in these configurations:

- SA-155-12IN-ASSY (12 inch shaft length)
- SA-155-6IN-ASSY (6 inch shaft length)
- SA-155-3IN-ASSY (3 inch shaft length)