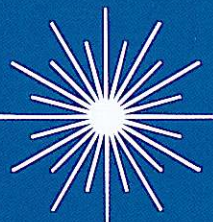
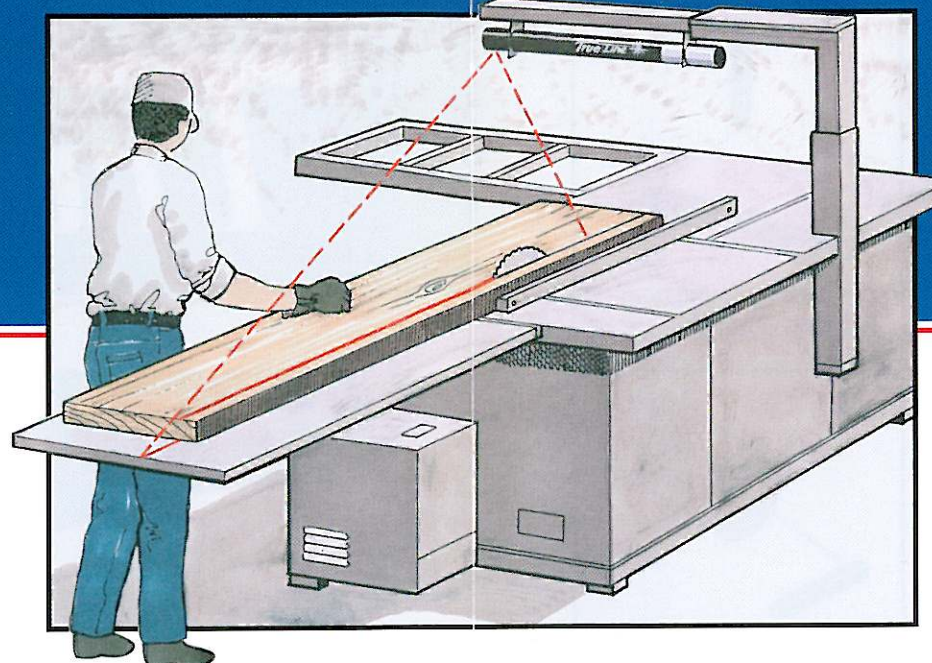


# True Line



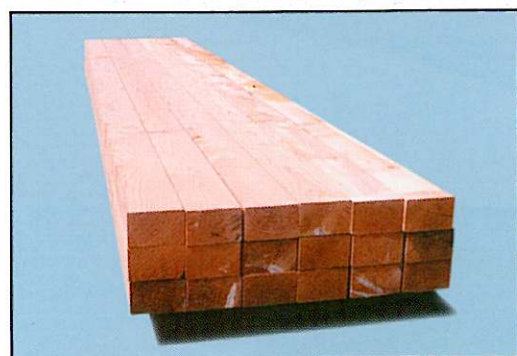
## LASER LINEMAKERS

### Will Improve your Bottom Line!



Typical application where the TRUELINE Laser Linemaker is used to provide instant visual verification of the alignment for each cut.

## Wood Products Industry



TRUELINE Laser Linemakers are used in a variety of applications within SAWMILLS, PLYWOOD MILLS, AND WOODWORKING shops. In the sawmill, they are used for log cutoff (bucking), headrig first cut, re-saw, edger cuts and trim saw applications to accurately position the material for maximum yield from every log.

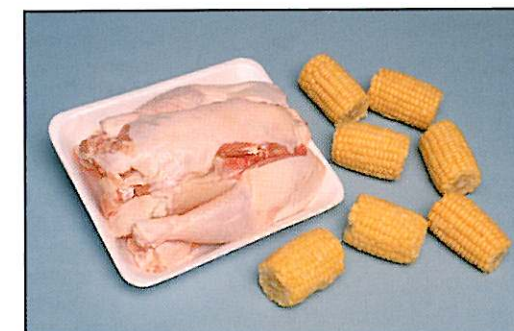
In the plywood mill they provide manual cut-off marks in high-speed veneer clipping operations, as a guide for glue layup and as a tracking system to identify veneer "ends" to ensure proper overlap during layup. In woodworking applications TRUELINE laser linemakers are used to align the all-important "first cut" as well as rip saw, gang saw, table saw and router operations - where precision alignment is required.

## Other Applications

TRUELINE Laser Linemakers can be used for masking long, straight lines in large-scale painting applications, for placement of machinery along a straight line over the length of a manufacturing line, to position overhead cranes for pick up and placement of loads with great precision, and in the textile industry for cutting fabrics with complex repeating patterns where accurate cut lines are necessary to ensure proper repeat of the pattern from one cut to the next.

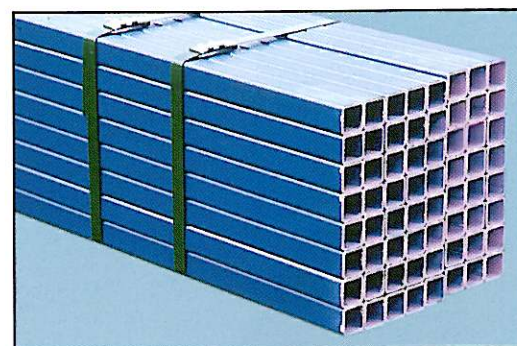
## Food Processing

The Food Processing industry uses TRUELINE Laser Linemakers to gain higher product yields. In the produce area, for instance, corn cobs are placed on conveyors equipped with TRUELINE Laser Linemakers so precise and consistent cuts to length can be made by various cutting machines. Similar applications within meat, poultry and fish packing plants help to maintain consistent quality and appearance of product, while maximizing the yield.



## Metal Working

TRUELINE Laser Linemakers are used within the metalworking industry to provide precision alignment of the material (metal plate or sheet) at the shear for precision cuts, at the brake for accurate bends and at the drill press for precision drill hole alignment, and for bandsaw and hacksaw cuts.



## Stone, Marble, Masonry & Tile

A number of natural stone and marble manufacturers use TRUELINE Laser Linemakers for precision alignment of all their straight edge cuts. From the rough quarry cuts to the visual alignment of a finish cut, Trueline Laser Linemakers assist in preserving a specific "pattern" or "color flow" within the material that is to be highlighted in the final product (i.e. table top, counter top or other architectural decoration). TRUELINE Laser Linemakers are utilized for precision cutting alignment for manufacturing stone, masonry and tile.



### Special Applications:

Our research and design department is ready to work with you to meet your special needs.

### Warranty:

LASER-TECHNICAL INSTRUMENTS, INC. products are warranted against defects for a period of 18 months from date of delivery (for full warranty statement, refer to Operating and Maintenance manual).

### Repair Service:

We repair all makes of laser linemakers.

Factory repair service is fast-turnaround, low in cost and offers a 15 month warranty on repairs.

### Safety

The emission from the TRUeline linemaker is a bright red light from a low-power, helium-neon laser. The light has no effect on skin, clothing, or other objects. However, it is intense, and just as one should not stare at the sun, neither should anyone look directly into the light or its reflection from a bright surface. The "Caution" and "Aperture" labels are reminders.

All TRUeline linemakers conform to the regulations of the USDHHS, the U.S. Government agency which controls the use of lasers.

### Maintenance

The only maintenance required is periodic lens cleaning. This is done with a clean, soft cloth or cotton swab soaked in alcohol. Harsh or abrasive materials will scratch the glass and diffuse the beam.

Mountings should be checked regularly to assure proper alignment.

### Specifications

**Voltage:** Standard: 115VAC, 50/60Hz. 230VAC and 12V DC on request at no extra charge.

**Laser Head Power:** Minimum 7 milliwatts, pure red light.

**Light Source:** Helium-neon laser.

**Power Consumption:** Less than 50 watts.

**Diameter:** 2 3/8 inches (60.3mm)

**Length:** 28 inches (711mm)

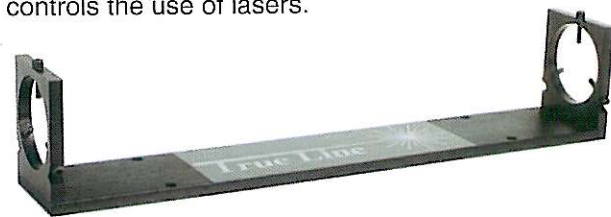
**Weight:** 5.5 lbs (2.5kg)  
**Fan Angle:** 70 degree fan angle standard. Other standard fan angles on special order at no extra charge.

Product specifications may be changed without notice when engineering improvements become available.

**CAUTION**

LASER LIGHT  
DO NOT STARE  
INTO BEAM

HELIUM-NEON LASER CW  
CLASS II LASER PRODUCT



### MOUNTING BRACKET

(Part No. 6500)  
Length: 18.3 inches (464.82mm).

Width: 3 inches (76.2mm).  
Height: 3.6 inches (91.44mm).



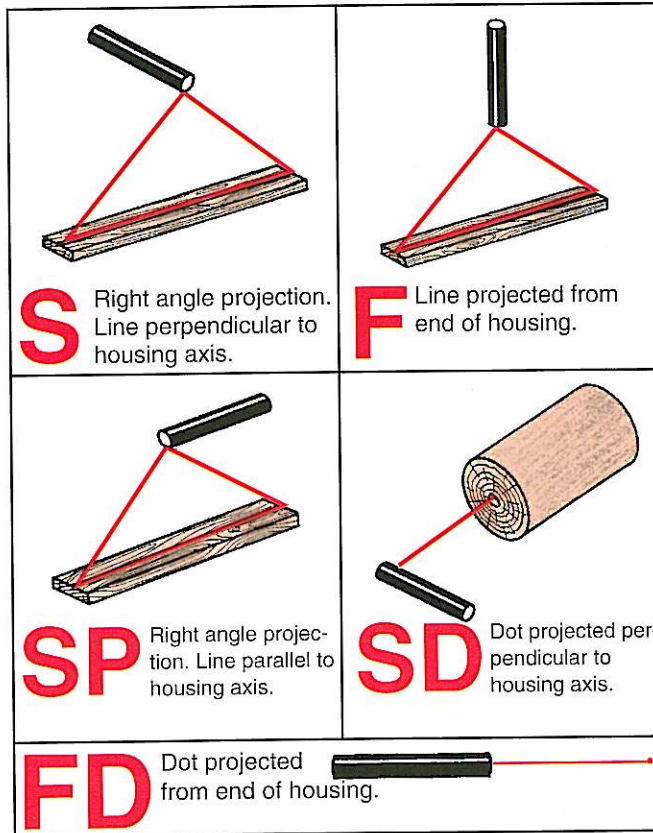
SALES, DEVELOPMENT AND MANUFACTURING BY:



Lacey-Harmer Co.

4320 NW St. Helens Rd  
Portland, OR 97210  
503/222-9992, Fax: 222-0073  
www.laceyharmer.com

### Many Models to Choose From



### The Magnum High Power 15 mw Laser

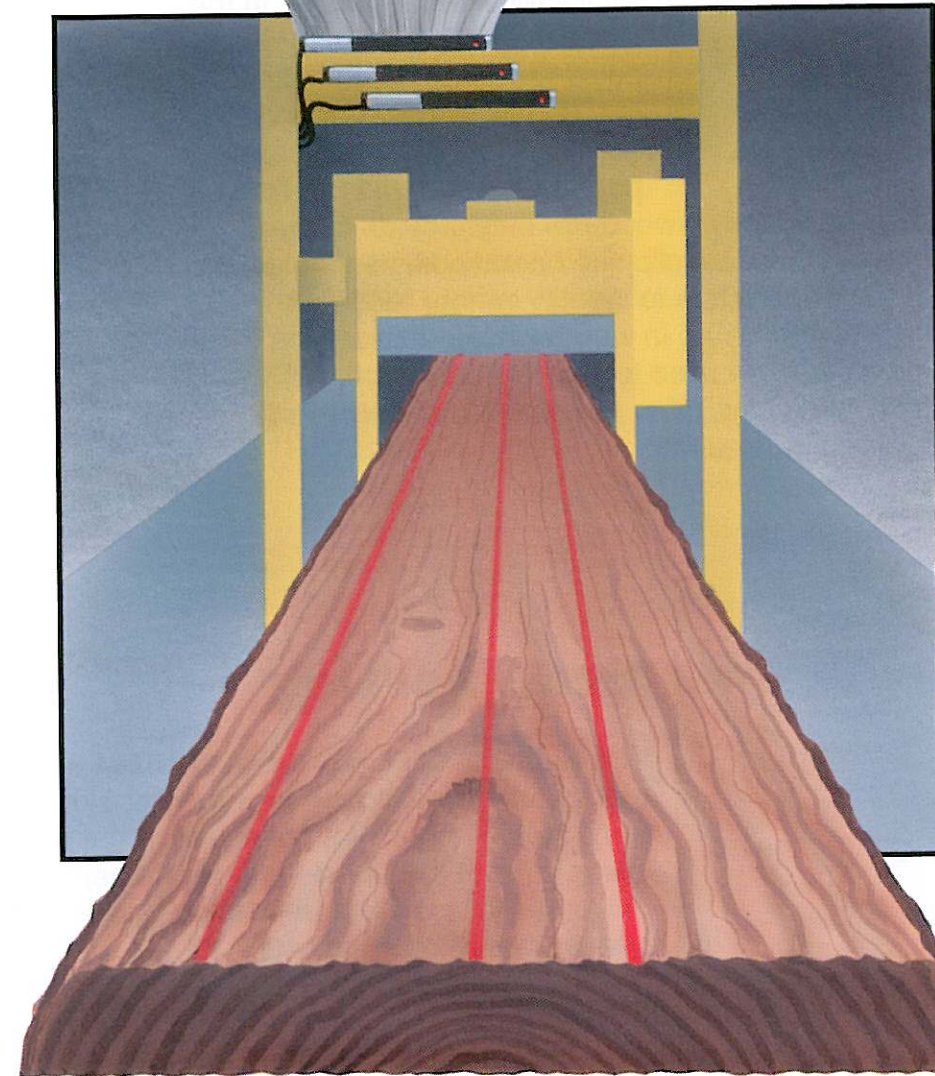
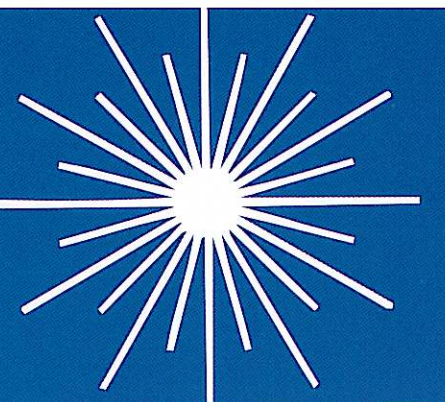
Increases line visibility up to 40 feet • User-adjustable line intensity placement without laser misalignment • Eliminates masking or removal of bright ambient lighting • Available in all standard TRUeline linemaker models.

### Other Models Available

TRUeline laser linemakers are manufactured in a variety of configurations. Replacement retrofit models are available for all brands of laser linemakers, including scanning models, flashing models, two-piece models, and piggy-back models. Special units are designed and ready for "trimming" applications, and outside "log bucking" operations. Our in-house "CAD" assisted engineering department is ready to design a laser to fit your requirements.

DISTRIBUTED BY:

# True Line



**INDUSTRIAL QUALITY LASER LINEMAKERS  
FROM LASER-TECHNICAL INSTRUMENTS, INC.**