



# Laser Diodes

By **L A C E Y - H A R M E R C O.** PH. 503/222-9992 1-800-367-9992 FAX 503/222-0073

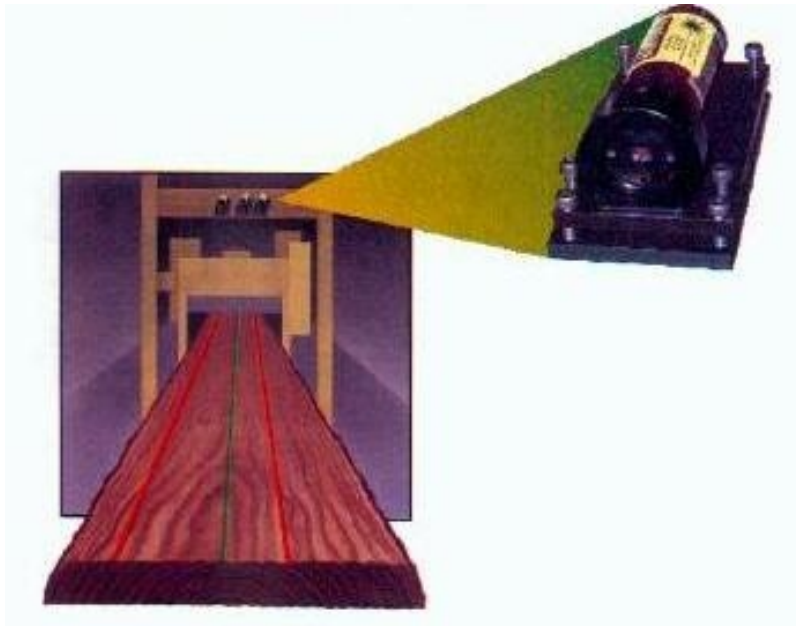
**Proven** performance over years of demanding duty has made the Laharco Laser Diode the largest selling linemaker for the industry. It is built tough to withstand shocks that go hand in hand with machinery, yet it is a precise optical instrument with quality throughout.

**Reliable:** The hermetically sealed black anodized aluminum housing protects the components, while providing optimum heat sinking, which will extend the life of the unit.

**Versatile:** The same basic package is available in models that range from 3 to 35 milliwatts of **red**, and from 10 to 30 milliwatts of **green**. Both are available in a dot or line projection.

**Accurate:** Exclusive optical system guarantees the production of a perfectly straight line of constant width and uniformity that is unique to the Laharco Laser Diode. The line fan angle can be specified to suit the desired application. The "jack and lock" mounting system will also insure that the laser never loses alignment.

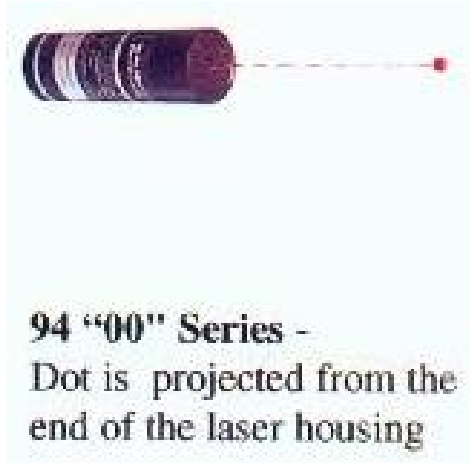
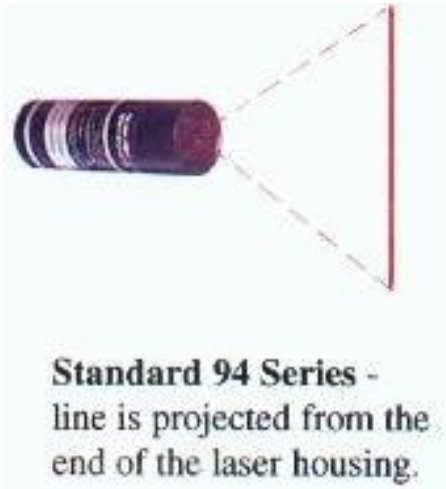
## 9400 Series Linemaker



The compact, durable design is ideal for applications where multiple lines are necessary.

**Many available models:** While the 9400 series linemaker is our most popular model, the spectrum of our laser diode product range is wide. Lacey-Harmer's in-house engineering department will custom design and manufacture units to suit your application and meet your specifications. Some examples would include circle and cross-hair generators.

# Model Descriptions



## 9400 Series Specifications

Laser Operating Voltage	5 Volts DC (regulated power)
Laser Operating Current	Less than 100ma
Laser Operating Temperature	-20°C to 40°C
Input Voltage	115V AC standard (12V DC, 24V DC, and 230V AC available)
Laser Power Output	5-35 mW (depending on model)
Light Source	Solid State Diode
Light Wavelength	532-635 nanometers standard
Case Construction	Anodized aluminum, hermetically sealed
Lens Fan Angle	Between zero and ninety degrees
Dimensions	6 inches long x 1.25 inches diameter

Warranty: The Laharco 9400 Series Diode products are warranted against defects in materials and workmanship. For a full warranty statement, refer to the Operation and Maintenance manual.

Repair Service: We repair all brands of laser linemakers. Factory repair service is fast, and cost effective.

### **L A C E Y - H A R M E R C O .**

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