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LASER BLAZER LINEMAKER

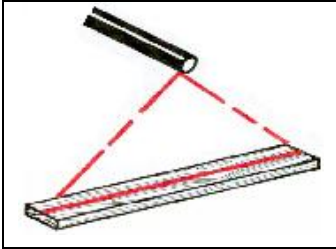
HeNe Lasers

77&78 Series



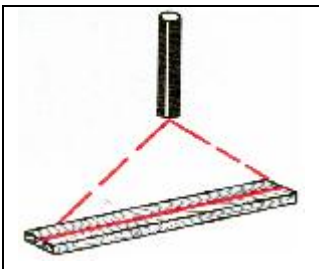
Models

Model: 77 Laser Blazer



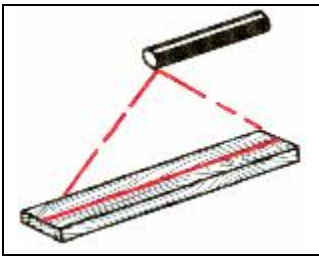
Right angled projection: Line perpendicular to housing axis.

Model: 77A Laser Blazer



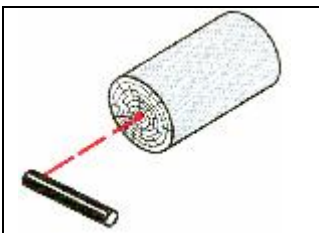
Cannon projection: Line projected from end of housing.

Model: 77B Laser Blazer



Right angled projection: Line parallel to housing axis.

Model: 78 Laser Blazer



Right angled projection: Dot projected perpendicular to housing axis.

Model: 78A Laser Blazer



Parallel projection: Dot projected from end of housing.

Specifications

Power:

Input Voltage: 230V AC, 50/60Hz. (12V DC available on indent, special order)
Power Output: 5mW, pure red light.
Power Consumption: Less than 50W

Dimensions:

Case Construction: 6.35mm wall aluminium hermetically sealed.
Diameter: 57.15mm
Length: 622.3mm
Weight: 2.95kg

Light Source:

Source: Helium-neon laser
Lens Fan Angle: 75 degree fan angle standard. Other fan angles on special order at no extra charge.
Colour: Available in red.

Mounting Bracket

Part No. 6500

Dimensions:

Length: 264.82mm
Width: 76.2mm
Height: 91.44mm

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

Specifications for Different Conditions

- **Standard (HeNe Laser Blazer 77 Series)** – Used in **normal light conditions** for primary breaking down, edges and saw mills. Can generally be used in other areas within reason.
- **Blaster (HeNe Laser Blazer 77 Series)** – Used in areas with **bright light conditions** or where there a defined ruby line is required to stand out above other colour conditions.
- **Megablaster (HeNe Laser Blazer 77 Series)** – Required for use in **extremely bright light conditions**.
- **Green Laser Diode** – This laser creates a very powerful light and is best used when the operator must determine the position of a mixture of different lines. Available for 10mW and 30mW.

OPTIMISE YOUR SPECIFICATIONS by consulting with the staff at Integrated Systems Design Ltd.

Common Applications

Wood Products Industry

Sawmills, Plywood Mills, Woodworking

- Log cutoff (Bucking)
- Headrig first cut
- Re-saw
- Edger cuts
- Trim Saw applications
- Manual cut-off marks
- High speed veneer clipping
- Guide for glue layup
- Tracking and identify veneer ends
- Align first cuts
- Rip saws
- Gang saws
- Table saws
- Router operations

Metal Working Industry

- Alignment of material
- Alignment for accurate bends
- Precision drill hole alignment
- Bandsaw cuts
- Hacksaw cuts

Stone, Marble, Masonry & Tile

- Align saw for rough quarry cuts
- Alignment for finishing cuts
- Straight edge cuts

Food Processing

- Alignment for produce length cuts
- Alignment for meat, poultry and fish cutting and packing

Other Applications

- Masking straight lines for painting
- Placement of machinery
- Positioning of overhead cranes
- Fabric cutting alignment for textile industry

Safety

The emission from the LASER BLAZER 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.