

# GL1700

## Laser Guide

Precisely Locates Start-Stop Points

Walk Behind Paint Stripers



- ✓ Replaceable Paint Shield; Protects the laser optics from overspray
- ✓ Rugged-*Built to work where you work!*
- ✓ IP65 Rated
- ✓ 12-24 vdc Powered-Reverse polarity and spike protected
- ✓ USA OSHA compliant-Meets ALL Federal and International standards

**L LASERLINE MFG., INC.**  
Built in Redmond Oregon USA

The **GL1700** features a 5/8" mounting bracket with quick disconnect allowing it to attach to virtually any walk behind machine in just minutes. Connect the power cord to a 12 or 24 vdc battery source and mount the laser to your desired location. Next, adjust the spot so it is directly under and in-line with the spray nozzle. **Start Striping!**

## FEATURES:

### 1 Replaceable paint spray shield

Protects laser output optics from paint overspray damage

### 2 Detachable quick release

5/8" Mounting bracket allows the GL1700 to attach to virtually any walk behind machine in just minutes!

### 3 7-foot power cord

Powered by 12 or 24 vdc and only draws 0.1 of 1 amp at 12 vdc or 0.05 amp at 24 vdc

### 4 Sealed & rugged die cast aluminum housing

IP65 Rated

### 5 Tightening knob with swing adjustment

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### \*OPTIONAL 12 Volt Battery Kit: P/N 3003-0811-1

#### 12v 5amp hr. Sealed Lead Acid Portable Battery

Operates GL1700 for 50+ hours.

#### Battery Float Charger

Trickle charge that automatically shuts off when battery is fully charged. (Reverse polarity protected)

#### Hard Plastic Battery Case

Enclosed weather proof plastic box, ON/OFF power button with status light, built in charging port and dual connectors. (Includes mounting hardware)



**\*Powers GL1000 and GL1700 simultaneously**

## Laser

- Laser Wavelength 510-532nm < 2mrad
- Laser Power: 4.75mW
- This laser product qualifies as 'Class IIIa' in the U.S. under US FDA/CDRH 21 CFR, part I, Subchapter J, sections 1040.10 and 1040.11
- This product qualifies internationally (outside the US) as 'Class 3R' under:
  - EN/IEC 60825-1 2014 edition 3' (E.U.),
  - BS EN 60825-1:2014' (UK)
  - AS/NZS 60825-1:2011' (Australia/New Zealand)
  - & other countries, including: Japan, Korea, China, Singapore, Israel, South Africa, and more.
- U.S.A. OSHA compliant: Meets all Federal and International standards
- Calculated Operating Life: 15,000 hrs. MTBF

## Electronic

- Power Source: 12 or 24-volt DC (11-25 volts DC)
- Power Draw: 0.1 of 1 amp at 12vdc/ 0.05 amp at 24vdc
- Reverse Polarity and Spike Protected
- Over Temperature Protection Circuit
- Automatic Power Control: (APC) Keeps laser power stabilized through ambient temperature changes

## Specifications

### Mechanical

- Sealed & rugged diecast aluminum housing
- Universal clamp with built-in adjustments for aiming laser
- Replaceable clamping jaw
- 7-foot power cord
- Replaceable UV stabilized Lexan paint overspray optics shield
- Laser Dimensions: 4.42" length x 2.23" width x 1.54" height
- Laser and Mount: 4.42" length x 3.3" width x 3.35" height
- Weight: 1 lb.

### Environment

- Operating Temperature: -40°F to 122°F (-40° to 50°C)
- Enclosure Rating: Outdoor dust and water rated to IP65
- Vibration compliant per MIL-STD-810F method 5145 and truck assurance level 2, schedule E

### Warranty:

- **12 Months Parts and Labor**



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