Laser Guidance
Wing & Tow Plows

The safer way to plow!

Used by over 40 DOTs and 150 municipalities to reduce plow strikes by over 90%!

Lets you know where your wing plow trailing edge will be BEFORE you get there!

Avoid costly plow damage and reduce downtime.

US Patents No. 7,966,753 / 8,205,360

LaserLine MFG, INC.
The GL3000PMC Guidance Laser uses an “ultra-bright” green laser spot to establish wing plow trailing edge location before you get there.

The laser spot impacts on the road/snow surface ahead of the truck and shows the driver where the wing plow trailing edge will be. The laser reference spot is on the road and in the driver’s normal field of view.

The GL3000PMC is a class IIIa ultra bright green laser with 5mW of power. Green is the most visible to the eye in all working conditions. The GL3000PMC laser is U.S. CFR 21-1040 and Canadian IEC 60825 compliant. The GL3000PMC meets all federal U.S. OSHA and Canadian CCOS standards for operation.

Cuts damage caused by plow strikes by 80 to 100% • Less strain on the driver
Reduces equipment down time • It’s much safer • It will save you money

The GL3000PMC is a versatile all weather product that can also be used for guiding highway paint stripers, asphalt distributors, pavement profilers, or virtually any other vehicle or equipment requiring line control. Use it in the winter and summer for all your guidance needs.

MAIN HOUSING
Hermetically sealed and dry nitrogen charged, containing optic plate mounting platform, micro processor electronics, laser, laser mounting assembly, laser driver board, automatic cooling and heating system. The front window is automatically heated to reduce or eliminate icing.

PNEUMATIC AIR BLAST MODULE
Removes snow build up from laser exit window with automatic air blast every 5 seconds.

CONTROL PANEL IN CAB
Allows the operator to turn the laser on and off as well as the de-icing and automatic air blast functions.

- Laser: 532 NM Class IIIa Green Laser
- Power: 12 Volts DC
- Power Draw: 4.0 Amps (Maximum Operating), 0.03 Amps (Sleep Mode)
- Operating Temperature: -40°F to +122°F (-40°C to +50°C)

Pneumatic: 120 PSI / 12V DC Operation
- Laser Dimensions:
  - Height: 6 1/8 inches
  - Length: 7 7/8 inches
  - Width (At Widest Point): 4 1/4 inches
- Cable Length from Laser to Control Box: 25 Feet

25 FEET OF INTERCONNECT CABLE
With waterproof mil spec in-line connector mounted between the laser main housing and the control panel mounted in the cab.

15 FEET OF 12V DC CABLE
Running from control box for connection to vehicle’s 12V DC power.

20 FEET OF 1/4-INCH, DOT APPROVED PNEUMATIC HOSE LINE
Complete with in-line 40 micron filter kit and connectors for tying into vehicle’s secondary air source.

US Patents No. 7,966,753 & 8,205,360

DISTRIBUTED BY:

Phone 541 548 0882 • Fax 541 548 0892
www.LaserLineMfg.com
1810 SE First Street, Suite H, Redmond, OR 97756