

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%!



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

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

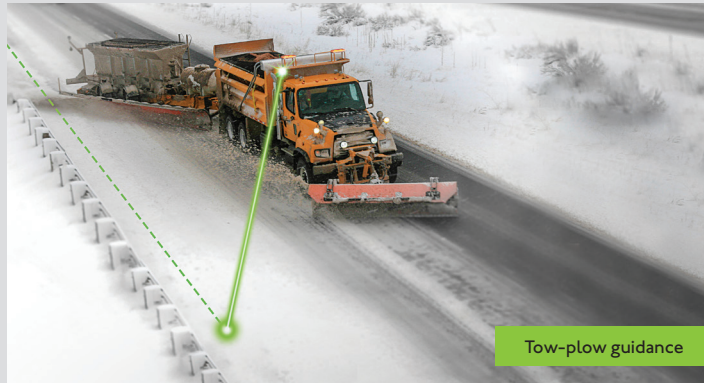
Avoid costly plow damage and reduce downtime.

L 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 strippers, 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.

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.

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 3/8 Inches

Length: 7 7/8 Inches

Width (At Widest Point): 4 1/4 Inches

Cable Length from

Laser to Control Box: 25 Feet

12V Power Cable Length from Control Box: 5 Feet

Pneumatic Hose Length (Laser to Air Source): 20 Feet

Shipping Weight: 25 Lbs.



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