

WING PLOW LASER GUIDE TOW PLOW

The safer way to plow!



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

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

**AVOID COSTLY PROPERTY AND PLOW DAMAGE.
REDUCE DOWNTIME.**

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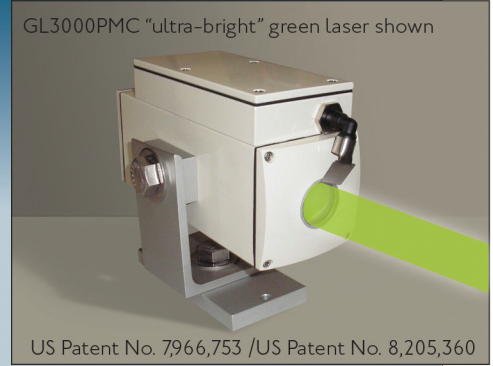
GL3000PMC Guidance Laser mounted under headache rack



Laser spot showing future path of trailing edge



GL3000PMC "ultra-bright" green laser shown



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THE SYSTEM

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 laser is electronically designed for cold weather operation. This laser is coupled to a special heat

source for the exit window to reduce or eliminate ice build-up on the front of the laser output lens. The GL3000PMC also has a unique pneumatic snow removal system incorporated with the laser housing that automatically fires a blast of air at the front of the laser lens every 5 seconds. This removes snow build-up from the laser output lens.

The GL3000PMC is a class IIIA ultra bright green laser with 5mW of power. Green is 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.

The laser housing is weatherproof, and hermetically sealed and dry nitrogen charged for operation in virtually any weather condition.

The system works directly off the 12 or 24 volt side of the truck, and will operate from 11 to 28 volts DC with positive or negative ground.

THE ADVANTAGES

**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 PRODUCT

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

Weatherproof, containing optic plate mounting platform, micro processor electronics, laser, laser mounting assembly, laser driver board, automatic cooling and heating system, 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 deicing 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 12 OR 24V DC CABLE

Running from control box for connection to vehicle's 12 or 24 VDC power.

20 FEET OF 1/4-INCH PNEUMATIC HOSE LINE

Complete with connectors for tying into vehicle's secondary air source.

SPECIFICATIONS

Laser: 532 NM Class IIIA Green Laser

Power: 12 or 24V DC Positive or Negative Ground

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 / 12 or 24V 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

12 or 24V Power Cable Length from Control Box: 15 Feet

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

Shipping Weight: 25 Lbs.



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