

LASER GUIDANCE WING & TOW PLOWS

The
safer way
to plow!

Used by Over 40 DOT's, Hundreds of Counties, Municipalities, Townships and Contractors

*Reduces Plow Strikes
by 80-100%*



U.S. Patents No. 7,966,753 & 8,205,360

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

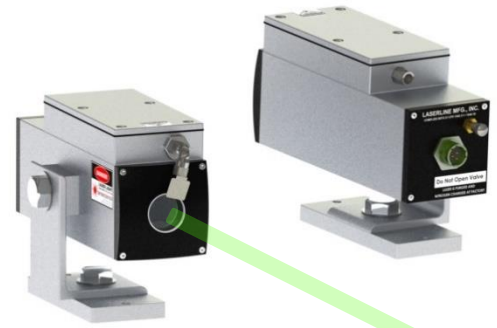
Avoid costly plow damage and reduce downtime.

L LASERLINE MFG., INC.

REV. 5.7.24

BUILT TO WORK WHERE YOU WORK

- Designed and manufactured by LaserLine from the ground up to operate in the harshest of conditions.
- Housing is 1/4" thick aluminum with hard coat anodized finish.
- IP68 rated, waterproof, dry nitrogen purged and virtually bulletproof.
- Can be used both **day and night** for wing plow guidance and or Summer alignment applications such as, paint striping, paving, line removal or virtually any application requiring line control.
- Laser housing is solidly mounted outside the cab and safely away from the operator inside.
- Features a built-in heated element in the front lens cover, plus a pneumatic Parker valve that automatically blasts air across the optic every 5 seconds.
- LaserLine builds all of its products in Redmond, Oregon as well as providing Warranty and service at this location.



Visible Day and Night

- The GL3000PMC uses fixed focus optics producing an ultra-bright green spot fully visible for day and night applications, unlike laser lines that are only visible at night.
- Also features a unique "blink" mode for additional visibility in certain conditions.

Internal Plow Position Sensor

- LaserLines Plow Position Sensor is internally connected inside the cab using one wire.
- **NO** external cables or sensors that are vulnerable to the harsh conditions.
- **ADVANTAGE!** Wing Down=Laser ON, conversely, Wing Up=Laser OFF (*Reminds operator if wing plow is up or down*)



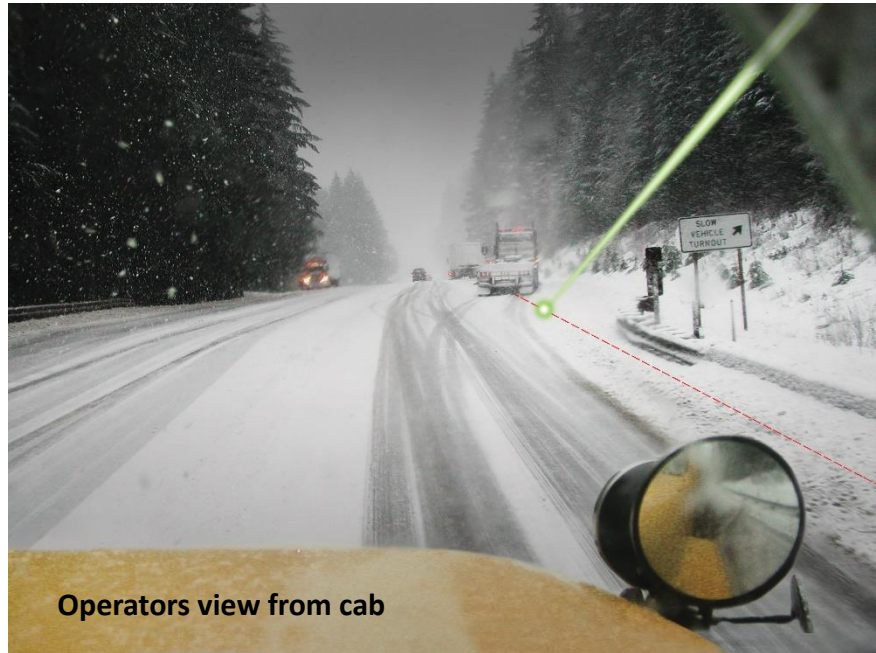
**In-cab control box with built in plow position sensor wire*

RUGGED ▪ SOLID ▪ PROVEN

The GL3000PMC Guidance Laser uses an “Ultra Bright” green laser spot to establish the wing-tow plows trailing edge before you get there.

The laser spot impacts on the road-snow surface ahead of the truck in the operator’s normal field of view and shows where the plows trailing edge will be.

The GL3000PMC is a class IIIa ultra-bright green laser with 5mw power output. Green is the most visible to the eye in all working conditions. The GL3000PMC is U.S. CFR21-1040 and Canadian IEC 60825 compliant. It meets all federal U.S. OSHA and Canadian standards for operation.



Operators view from cab

*Cuts damage caused by plow strikes by 80-100% • Less strain on the driver
Reduces equipment downtime • It's much SAFER • It will save you money*



Tow Plow Guidance

Testimonials

"Our feedback has been all good so far; We had about five trucks outfitted last year and we had zero wing accidents. In previous years, we've had anywhere from two to seven wing accidents with anywhere from \$1,000 to \$19,000 in damage. We feel like the lasers can probably pay for themselves, so we are going to deploy quite a few more this year.

*Assistant Administrator for Maintenance
Washington State Department of Transportation*

The LaserLine GL3000PMC Wing Plow Laser is "a big help, because it allows me to plow right on the edge of the curb without being worried. I know that I'm not going to tear off my wing or hit a sign or anything."

*Veteran Snowplow Driver
Iowa Department of Transportation*

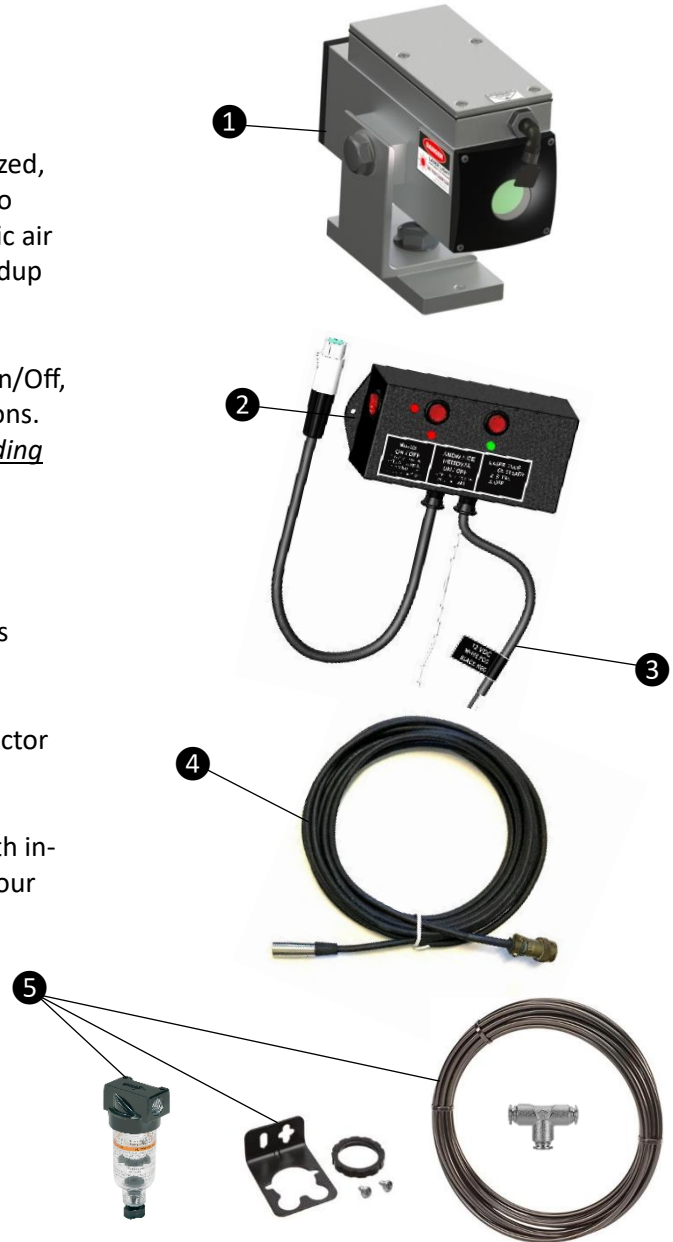
"The wings that we put on our plows are about \$10,000 to \$11,000 a piece [and the LaserLine GL3000PMC Wing Plow Laser] might be able to help us save any damage to a wing, any damage to a bridge or other devices."

*Winter Operations Administrator
Iowa Department of Transportation*

WHAT YOU GET

1. **Main Housing-** 1/4" aluminum thick housing, hard coat anodized, IP68 rated, hermetically sealed and dry nitrogen charged. Also features, a built-in front cover heating element and pneumatic air blast module which automatically removes snow and ice buildup from the exit window every 5 seconds.
2. **In Cab Control Panel-** Allows the operator to turn the laser On/Off, as well as the front lens deicer and automatic air blast functions. Additionally, it offers a single plow position sensor wire providing the operator with a visual heads up.

(Wing Down=Laser ON / Wing Up=Laser OFF)
3. **15 FT. 12vdc Cable-** Runs from in cab control panel to vehicles 12vdc power source.
4. **25 FT. Interconnect Cable-** Waterproof mil-spec in-line connector mounted between the laser and the in-cab control panel.
5. **20 FT. DOT Approved 3/4" Pneumatic Hose Line-** Complete with in-line 5-micron Parker filter kit, plus connectors for tying into your vehicles secondary air source.
6. **Owner's Manual** (Not Shown)



SPECIFICATIONS:

Laser: 532 NM Class IIIa Green Laser

Power: 12 Volts DC

Power Draw: 4.0 Amps Max Operation
(0.03 Amps Standby 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: 4-1/4 Inches (At widest Point)

Interconnect Cable: 25 Feet (Laser to Control Panel)

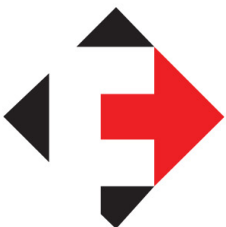
12 VDC Power Cable Length: 15 Feet

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

Shipping Weight: 25 lbs.

Warranty: 12 Months

HEAVY DUTY GUIDANCE LASERS - "IT'S WHAT WE DO"- SINCE 1988



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