



GradoPlane 15

Dual Grade Laser

Affordable Performance, Easy to Use and Feature Packed!

The GradoPlane 15 has many features that make this Laser an unbelievable value. This flexible laser offers the user: Beam Masking, Plus or Minus 10% Grade Capability, Remote Control option, Tilt, Windy and an IP67 environmental rating (Water/Dustproof). All these features in a very strong aluminum-cast housing. When you consider the benefits of the GradoPlane 15, it makes this laser a value that is unbeatable.



or



Fast Grade Setting

Press two buttons and you can have your grade. No need to enter several screens or menus to access grade settings.



Beam Masking

Electronically turns off the Laser beam in specific quadrants to prevent interference with other crews on the site. It can also be used to avoid shining into a roadway or to avoid reflective surfaces which may give a false reading.



Windy/MRS (Motion Resistant System)

When activated, the unit allows continuous operation during high winds, vibrations and shocks. Slight movements are ignored, the feature only activates only if significant movement occurs.

Simple Operation

All operations of the laser are controlled on the keypad. Simplicity of operation eases your mind and lets you get to work faster, saving you time and money. Anybody can operate this laser.

Two-way Remote Speeds Set-up and Operation

Make grade changes from anywhere on the jobsite using the full-function RF remote. Saves time when you're balancing the pad -- use the wireless remote to adjust the laser's grade from the cab and quickly finish the job.

- LCD display, grade and enter buttons are the same as on the Laser
- Automatic shut-off conserves battery power
- 400' remote range gives you great operating distance



Level, Single, or Dual Grade

Entering grade from +10% to -10% is simple, using a Rolling Counter.

Versatile

Use for site preparation, machine control, trenching, road construction, pipe laying, and general construction.





SmartRod

All-in-one: Laser receiver grade rod and digital measuring tape

- Check elevations 3 to 4 time faster with large capture window and linear technology. Picks up beam fast and gives you a digital readout.
- No rod-reading errors and no tedious calculations for cut-and-fill – just push a button and read it directly on the LCD!

GRADOPLANE 15 Specifications

Operating Range	1,500 ft. (450 m) diameter
Accuracy	± 1/16" at 100' (± 1.5mm at 30m; ± 10 arc sec.)
Self-Leveling Range	± 5° (also manual mode for special applications)
Grade Range	+10% to -10% in both axes
Grade Entry	Rolling counter
Rotation Speeds	0, 600, 800 rpm
Laser Diode	Visible 635nm, class 2
Battery Type	NiMH Rechargeable
Battery Life	20 hrs.
Operating Temperature	14° to 122°F (-10° to 50°C)
Environmental	Waterproof to IP67 Standard (nitrogen purged)
Dimensions	7" x 7" x 10.2" (176 x 176 x 260 mm)
Weight	7 lbs. (3,2 kg)
Warranty	One year
Mounting	5/8 x 11 (female mounting thread)

Remote Control Specifications

Distance	400 ft. (120m) typical
Battery Type	Two AAA alkaline

GradoPlane 15 Laser package includes: (in box)

- LS100 detector
- AC charger
- Remote

Packages also available without remote, Optional accessories:

- Alignment scope
- DC charger.

LS100 Detector



Included with GradoPlane 15

- Convenient front and rear displays.
- Deadband choices: fine, medium, wide.
- Display channels: 11 on LCD; 5 on LED
- LED's for use in low light or above eye level, or for long range jobs like slope match.
- Bubble vial on clamp to plumb rod.
- Clamp also fits round or oval rods.

Optional Accessories

Alignment Scope

- Attaches magnetically.
- Use for alignment of axes and second day setups.



Power Cable

- 3' cable with adapter plug. Use with commonly available power cord to connect to 12v DC source.

Machine Control 13 ft. Tripod

- Stable in wind, even fully extended.
- 2" dia. Upper legs.
- Adjustable center column.
- Supports 75 lbs.

Machine Control & Display Systems



EZ-Grade 360 Receiver

- 7 channels of grade information make this an ideal complement for dozers doing fine grading
- Optional remote display
- Upgradable to automatic control

MR360R Receiver and Display

This 360° receiver is ideal for excavators and drag boxes, and features 7 or 9 channels of grade information, a built-in plumb indicator, and a wireless remote clear display that mounts to the window to provide full view of the trench.

Automatic Control System

For rough and fine grading. Records survey data; also upgradable to GPS. Includes Model 304 control box with data port and digital display programmable to tenths, inches, or metric; 360° receiver; and Powermast with Mount.



CONSTRUCTION LASERS
& MACHINE CONTROL SYSTEMS

2202 Redmond Rd. • Jacksonville, AR 72076
Phone: 501.982.4433 • Fax: 501.982.0880
Toll Free: 800.643.9696
Sales @agl-lasers.com



www.agl-lasers.com

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