



GradoPlane 10

Automatic Dual Grade Laser

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Detach the keypad, and it's a two-way RF remote control.

The GradoPlane 10 automatic dual grade laser is the most versatile laser on the market today, designed to work anywhere, on any job site. From site prep to general construction to short-run pipe laying....this laser does it all!

Features

- One-Touch fully automatic leveling
- Rugged waterproof metal housing
- RF remote control with LCD on keypad that displays laser functions and status
- Automatic and manual modes
- Electronic left and right adjustable beam for layout or short-run pipe laying
- H.I. warning prevents errors
- Electronic field calibration saves trips to the repair shop

Money-Saving Kit

Get the Kombo all-in-one kit with the laser! Includes aluminum tripod and quick-attach grade rod in inches, 10ths, or metric.

Specifications

Recommended use	1,000 ft. diameter (300 m)
Accuracy	± 1/8" at 100 ft (± 0.010% or 20 arc sec) at 0% grade; (± 0.015% or 30 arc sec on grade)
Leveling	Electronic, motorized self-leveling in horiz and vert
Leveling range	± 5.7°; (± 10%)
Automatic grade range	-10% to +10% in X, Y and Z in increments of 0.001%
Laser beam	635nm, <5mW, Class 3R Visible; split beam for leveling, plumb/squaring
Rotation speeds	60, 150, 300, 450, 600, 700 rpm
Scanning	Choice of 3 lengths
Communication (with remote)	Radio frequency or infrared
Laser battery life	NiMh rechargeable; 40 hrs
Remote batteries	2 AAA alkaline
Environmental	Laser is waterproof (IP67); nitrogen purged Remote is weather-resistant
Size	5" x 4.5" x 8.5" w/out handle; 7.75 lbs. (13 x 12 x 22cm; 3.5 kg)

Finally, one laser that does it all!

GC Package for leveling, layout, and alignment includes laser, LS50 detector, and remote control/keypad.

Ideal for site prep and short-run pipe laying

With the GradoPlane 10, the accuracy and time-savings of machine control are now within reach of even small excavators. It's easy to set precise grades for single and dual slope grade control.

Site display



Pipe laying



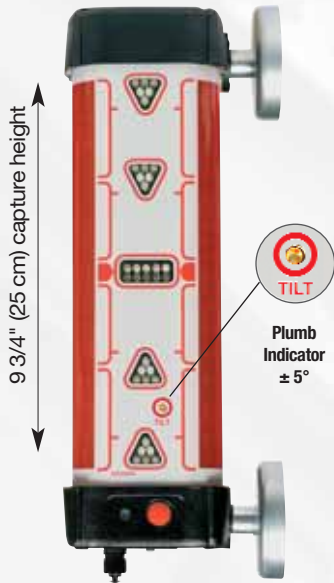
This laser is so versatile, you can even use it for sewer connections, such as pipe leads, or any runs up to 100 ft., and grades up to 10%. The handle is detachable, allowing the laser to be used in 6" pipes.



	<ul style="list-style-type: none"> • Placing concrete • Leveling footings
	<ul style="list-style-type: none"> • Use for layout • Plumb transfer
	<ul style="list-style-type: none"> • Site preparation • Drain lines
	<ul style="list-style-type: none"> • Great for compound grades up to ±10% in either axis

Site and Pipe Package includes laser, remote control/keypad, adjustable pipe target, and MR240 machine-mount receiver with magnetic attachment.

GradoPlane 10 Accessories



Machine Display Systems

The MR360R and MR240 offer accurate grade information for all visual machine control applications. At a glance, LED indicators show the position of the bucket or blade in relation to the laser reference beam.

MR360R receiver and remote display

Large 360° detection windows pick up any rotating laser, from any angle. Ideal for excavators, dozers, and drag boxes. Both receiver and remote have 7 display channels on coarse mode and 9 channels on fine. Includes high performance features, such as plumb indicator and wireless technology.

Available with large magnets or optional mounting clamps

One-person operation saves time and money



Laser sends beam (elevation control) to MR360R receiver.



Operator views lights indicating grade information on MR360R mounted on excavator arm.

Or, operator views indicators on remote display mounted on cab windshield. Wireless RF signal from receiver eliminates clumsy cable connection.



MD360R remote display

Allows the operator to view the indicators and the ditch and bucket in the same view. Clear panel doesn't block operator's view; has convenient suction cup mount.

Kombo Tripod

Combines aluminum tripod and quick-attach grade rod in one easy-to-carry package. Includes a sturdy carrying bag.

- Includes detachable rod clamp



Detachable rod



MR360R system is ideal for excavators, backhoes, and drag boxes.



MR240 receiver

Ideal for use with backhoes and mini-excavators, this receiver offers the convenience of a machine-mounted display at an economical price.

- 240° nominal detection, ~6" (14 mm) capture height.
- Choice of 3 settings: 3 display channels (LED indicators) in coarse mode; 3 or 5 channels in fine.



Uses extra strong rare earth magnets; easy to detach with release handle



Detector for grade rods

- Convenient front and back displays get you "on grade" quickly.
- 5 display channels: high, near grade high, on grade, near grade low, low.
- Audible tones tell you the beam location without watching display

Pipe Target

- Adjustable 6"-12"

Contact us about our full line of construction accessories!

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Specifications subject to change without notice.