



Para-Level Grading Box

Fine Grade Made Easy – Level Best introduces a laser grading box for skid steer loaders with superior performance and strength. The Para-Level laser grading box delivers innovative features which provide money-saving solutions for your business. Achieve flatter, more consistent grades while accelerating your fine-grading process...a win-win combination. Here's what makes the Para-Level laser grading box so successful:

Push-Pull Design – Two, opposed cutting edges allow you to grade front and back. Grade forwards, then reverse directions to grade backwards while keeping the same grade. Skid steer maneuverability is maximized with an attachment designed for optimal performance.

Stable Platform – How do you tame the bouncy, jerky movements of a skid steer loader when laser grading? The Para-Level laser grading box was designed to smooth out a skid steers' ride. The wheel frame of the Para-Level box is like a grader's, extending the wheelbase and allowing both skid steer axles to stay on the ground for stability and traction. An oscillating front axle helps to smooth uneven surfaces. The Para-Level box laser grades material faster, while holding tighter tolerances.



Model PL84 shown with Laser Alignment controls



Model PL72 shown with Topcon controls

Unique Box Adjustment – Parallel linkage adjusts the grading box, vertically, under the wheel frame for precise adjustment. 'Floating' the independent box under the stable wheel frame provides responsive results and exceptional performance.

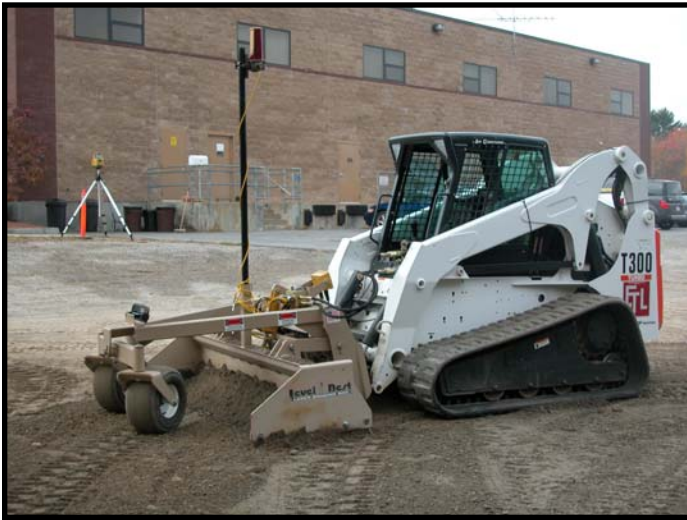
Tighter Tolerances – Take control of material costs with a Para-Level laser grading box. Proportional hydraulics and laser controls allow tighter tolerances. Achieve tolerances of +/- 3 mm with normal ground speeds. Compare those numbers with what you are doing now. Better control over grade pays dividends.

Durability – Level Best is known for its durability. The need for a durable laser grading box is why Level Best was created. The Para-Level laser grading box continues this reputation with features like: six reversible cutting edges, replaceable bushings at wear points, cast wheel bearings, and a powder-coated finish.

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On Grade...Automatically!



Model PL84 shown with Topcon controls

How it works:

The Para-Level laser grading box is a fully-automatic laser grading attachment which requires no modifications to the skid steer loader. The self-contained laser-controlled grading box may be switched between multiple skid steer loaders without time-consuming and expensive modifications. This makes it a perfect solution for contractors with larger fleets and rental companies.

The Para-Level grading box is simple to operate despite its use of technology. The laser sensor is mounted on the box's mast pole to receive the laser beam from a tripod-mounted, laser beacon. The pole-mounted laser sensor determines the location of the laser beam and transmits the information to the control panel located on the frame of the grading box. The control panel reads the data and sends signals to the hydraulic valve mounted on the grading box. The valve directs the oil to the cylinder, adjusting the box according to the predetermined grade. This process takes place numerous times a second ensuring precise grade.

A remote switch is included with every Para-Level box. Two switches allow the operator to choose between automatic/manual modes and a manual override to raise or lower the box. This switch provides ultimate control for the operator.

Applications:

- Concrete Subgrade • Parking Lots
- Fine-Grading • Golf Course Tee Boxes
- Athletic Fields • Horse Riding Rings



Model PL72 shown with Apache controls

SPECIFICATIONS			
Model	PL72	PL84	PL96
Box Width	72"	84"	96"
Total Length	66"	66"	66"
Box Capacity:			
Front	11.5 ft. ³	13.4 ft. ³	15.3 ft. ³
Rear	7.0 ft. ³	8.0 ft. ³	9.0 ft. ³
Oscillating Front Axle	Yes	Yes	Yes
Laser Controls	Optional	Optional	Optional
Weight	1530 lbs.	1590 lbs.	1650 lbs.
Optional Laser Controls for fully automatic operation: Apache, Laser Alignment, Topcon & Trimble controls			



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