

PARA-LEVEL LASER GRADING BOX

AVAILABLE AT

BATTLEFIELD EQUIPMENT RENTALS



Increase your grading accuracy with the easiest, most unique system on the market. Replace the traditional three person grading crew with a single operator.

HOW IT WORKS

The Para-Level laser grading box is a fully-automatic laser grading attachment which requires no modifications to the Skid Steer or Multi Terrain Loader. The self-contained laser controlled grading box may be switched between multiple Skid Steer Loaders or Multi Terrain Loaders without time-consuming and expensive modifications. This makes it a perfect solution for owner operators and contractors with larger fleets.

The Para-Level grading box is simple to operate despite its use of technology. The laser receiver is mounted on the box's mast pole to receive the laser reference from a tripod mounted rotating laser. The information from the laser receiver is sent to the control box located on the framework of the grading box. The control box causes the hydraulic valve to direct oil to the cylinder, adjusting the blade to follow the predetermined grade. This process takes place numerous times per second ensuring a 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.

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	1,530 lb.	1,590 lb.	1,650 lb.

BattlefieldEquipment.ca
1-800-RENT-CAT | 1-888-OWN-A-CAT

APPLICATIONS

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

REDUCE YOUR OVERHEAD

Designed for one man operation, the Level Best Grading Box replaces the traditional three person grading crew. An operator can quickly learn to use the Level Best Box and finish grade up to 50,000 square feet in an eight hour day. Consistent and accurate grades improve material yields and avoids overages. Decrease your labor costs, material costs and your grading time with Level Best.

Level Best
LASER GRADING BOX

BATTLEFIELD  **THE RENTAL STORE**

ONTARIO • MANITOBA • NEWFOUNDLAND

PARA-LEVEL LASER GRADING BOX

AVAILABLE AT

BATTLEFIELD EQUIPMENT RENTALS

FINE GRADE MADE EASY

Level Best introduces a laser grading box for Skid Steer and Multi Terrain 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 / Multi Terrain Loader manoeuvrability is maximized with an attachment designed for optimal performance.

STABLE PLATFORM

The Para-Level laser grading box was designed to smooth out a skid steer's 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.

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.

TECHNICAL DATA

To size the Level Best Grading System to a Skid Steer or Multi Terrain Loader follow these directions: the Skid Steer Loader should have 10 hp for every foot of box width, (i.e.: 7 ft. box should be attached to a Skid Steer with 70 hp). Multi Terrain Loaders only need 7 hp for every foot of box width, (i.e.: 7 ft box requires 49 hp).

The auxiliary hydraulic system on the Skid Steer should have a flow rate of 5 - 20 gpm and not exceed 3,000 psi.

Skid steers require auxiliary hydraulic ports mounted on the boom.

The Level Best Grading System is not designed for grubbing or rough grading but for finish grading.



BattlefieldEquipment.ca
1-800-RENT-CAT | 1-888-OWN-A-CAT

Level Best
LASER GRADING BOX

BATTLEFIELD **CAT** THE RENTAL STORE

ONTARIO • MANITOBA • NEWFOUNDLAND