

Laser Indicate Receivers and Remote Display

LS-B Series



Accelerated accuracy for grading
and excavating with rugged machine
mounted sensors

Increase Your Grading and Excavating Potential with Laser Guidance

LS-B Series

The LS-B Series of machine-mounted laser sensors are affordable grade indicate systems designed to improve grading and excavating production and accuracy.

Easy to use with fast setup, these depth control sensors can be mounted to your earthmoving machines in minutes. Attach any of the LS sensors to a piece of equipment, turn it on, bench in, and go to work. No more waiting for a grade checker or jumping off a machine to check your own grade. With Topcon's laser sensors, you'll know if you are above, below, or on-grade all the time.

Put the LS-B Series laser sensor on a dozer, then move it to your excavator and then onto a grader. Because it's quick to move and convenient to use, contractors often want to equip all of their earthmoving machines with these production-boosting control systems.

Loaded with features

Each sensor is packed full of features, such as an accuracy mode and battery life Indicator, plus a power save/auto cut off function to save battery life.

Choose from two different models that provide 360° or 270° degree laser detection to keep your project moving ahead in challenging conditions.

Grade information without exiting machine

360 degree detection

Rugged, waterproof design

Wireless capability

Bright LED indicators





- 1 Perfect for backhoes and excavators
- 2 Magnetic mounts
- 3 Designed for dozers, graders, and excavators
- 4 Plumb indicator
- 5 360° laser detection
- 6 Bright LED indicators

Improved jobsite safety

With an LS-B Series laser sensor on your machines, your jobsite is a safer place to work. No more relying on a grade checker – equipment operators have all the grade information they need without exiting the machine. The whole crew is safer and more productive.





LS-B200

- Adjustable “on grade” accuracy
- Power save/auto cut-off
- C size alkaline batteries, rechargeable battery pack, or external power supply with DCV to 30V
- ISO 13766-1 certification
- IP66
- Range 800m (diameter)



LS-B200W

- Includes slope and plumb indicator
- Compatible with Topcon’s Control Boxes for “automatic” mode applications
- One-touch “On Grade” matching
- Offset the “On Grade” position
- IP66 environmental rating with DCV to 30V
- ISO 13766-1 certification
- Bluetooth
- Laser Manager available



LS-B20/LS-B20W

- One-touch “On Grade” matching
- 100 hours (LS-B20) and 30 hours (LS-B20W) operation time
- Rotary Laser and Laser Receiver low battery warning LED
- Integrated CAN support (LS-B20W)
- IP66 environmental rating with ISO 13766-1 certification
- Laser Manager available (LS-B20W)



Laser Manager App

The mobile app puts a display and common laser functions directly on your mobile device, meaning less time walking to the laser or climbing in and out of ditches, machines or tight spots.

- Remotely see and set position and slope
- Check grade status
- Self-level and calibrate the laser
- Check battery status

Cost Effective

Whether you are equipping a motor grader or excavator, these affordable laser sensors will make any job more profitable. Put a sensor on a dozer or drag scraper and you can get to grade in fewer passes saving fuel, machine hours, and wear and tear. With an LS-B Series sensor attached to a backhoe or excavator, you’ll virtually eliminate over-excavating and need not rely on a grade checker.



Specifications subject to change without notice.
© 2023 Topcon Corporation. All rights reserved.
7010-2122 F 11/23

www.topconpositioning.com/laser-receivers