



Blade Tilt Indication Built In
Plumb Indication Built In
Grading and Excavating
Increase Productivity and Accuracy
Full Featured 360° Reception



BULLSEYE® 5+
Laser Receiver - Versatility Built In

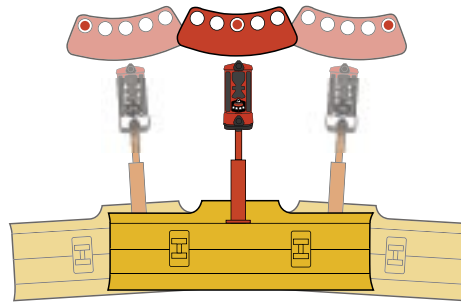
BULLSEYE⁵⁺ Machine Control Laser Receiver

Put a BULLSEYE laser grade checker on your machine and

- Improve machine productivity and efficiency
- Save material with improved accuracy
- Reduce labor and wasted down time

Blade Tilt Indication Built In:

- Blade tilt indication helps the operator keep the blade level for increased production and accuracy. Selectable accuracy to meet job requirements.
- Blade tilt indication can be programmed to match an existing or known grade for slope matching operations.
- Selectable fine, medium and coarse on-grade accuracy meets job specifications from rough grading to final finishing.



Plumb Indication Built In:

- Built in plumb sensor for quick and accurate grade checks. LED display is solid when plumb; blinking when out of plumb.
- Offset on-grade provides more information above grade utilizing the entire receiver for productive excavation.
- Long vertical reception picks up the beam quickly and displays up to 6 levels of grade information.

Versatility and Toughness Built In:

- Ultra-bright LED's with green on-grade are easy to see in all light conditions.
- Works with all rotating lasers. 360 degree reception picks up the beam from all directions.
- Self contained batteries for quick installation and easy movement from one machine to another.
- Rugged design and waterproof construction stands up to tough construction environments.
- Upgrade to the TORNADO F1 automatic blade control using the same receiver.
- Proven Apache reliability you can count on backed up by a 2 year warranty and superior service.

Specifications:

Beam Reception:	360 degrees
Operating Range:	Over 1500 ft. (460m) radius (Dependent on laser)
Vertical Reception:	6.75" (171 mm)
Accuracy: Grading	Fine: 3/16" (5 mm) Standard: 3/8" (10 mm) Wide: 3/4" (20 mm)
Excavation	Fine: 1/2" (12 mm) Standard: 1.0" (25 mm) Wide: 2.0" (50 mm)
Blade Tilt Settings:	± 0.5°, ± 1.5°, ± 2.5°
Plumb Swing Settings:	± 0.5°, ± 1.5°, ± 2.5°
Display Output:	Bright or Dim
Power Options:	Alkaline - 4 x "C" Cell - Standard Ni-MH Rechargeable or Power Cable
Battery Life:	60 hrs Dim, 45 hrs Bright
Battery Recharge Time:	45 hrs Dim, 30 hrs Bright
Automatic Shut Off:	3 - 4 hours
Out of Beam Indication:	75 minutes with no laser beam
Shipping Dimensions:	On or Off
(in carrying case)	19" x 16" x 7" (LxWxD)
Shipping Weight:	(482 x 406 x 178 mm)
Mounting Pipe:	12 lbs. (5.5 kg.)
Environment:	1.66" to 2.00" O.D. round tube (42 mm to 50 mm) and 1 1/2" (38 mm) square tube
Operating Temperature:	Waterproof, Dustproof to IP67
	-4° F to 140° F (-20° to 60° C)

*Features and specifications subject to improvement without notice.

Options:



Control Box
TORNADO Blade Control -
CB26 single control box
and CB52 dual control box
offer automatic control versatility.

Magnetic Mount
For quick install and
set-up on excavators
and backhoes.
Additional masts
available for grading
applications.

Remote Display RD15
Operator views grade
information in the cab.
Offset elevations can be set
from the cab.



Apache manufactures a
complete line of machine
control receivers and
hand held or rod mounted
laser detectors.



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