

LL600 Laser Level



A LONG-RANGE LEVELING SOLUTION

- Rugged
- Reliable
- Accurate
- Self-leveling

High-Precision Performance



Rugged, reliable and accurate, the Spectra Precision™ Laser LL600 from Trimble sends a continuous, self-leveled 360-degree laser reference over a large work area. This automatic, self-leveling laser is easy to set up and use, and can be used up to a diameter range of 800 meters (2,600 feet).

This innovative laser is ideal for a wide variety of construction leveling and machine control applications: checking elevations, excavating cutting depth, setting forms, digging footings, checking foundations, screeding concrete and many, many more.

Using the LL600 with a laser receiver, you can perform any two-person leveling task with only one person. The LL600 is designed to deliver outstanding performance in the toughest construction jobsite conditions, increasing your productivity and profitability.



General Construction Applications

- ▣ Leveling and checking of foundations and footers
- ▣ Concrete form work
- ▣ Large concrete slabs
- ▣ Large site leveling
- ▣ Elevation checks
- ▣ Manual slope work
- ▣ Anywhere you would use an automatic level

Machine Control Applications

- ▣ Excavating for footers and foundations
- ▣ Site leveling
- ▣ Sub-base leveling with skid steer loaders
- ▣ Digging basements
- ▣ Manhole excavation

Receiver Options

Based on your needs, the LL600 laser can be paired with either of the two Spectra Precision Laser receivers from Trimble described below:



HR500: For general construction applications, the LL600 laser should be used with the HR500 receiver. The standard receiver packaged with most of our laser transmitters, the flexible and highly innovative HR500 can be used either as a handheld unit or mounted on a rod. The HR500 has a fully waterproof magnesium housing that is both lightweight and extremely strong. The HR500 also features a 15-channel linear LCD display, a highly visible LED display and dual-sided laser reception, allowing you to work anywhere.



CR600: For straightforward machine-control applications, the CR600 receiver is recommended for use with the LL600 laser. In addition to handheld and rod-mounted capabilities, the CR600 can be used as a machine-mounted receiver with 270-degree reception and a highly visible display for use on a backhoe, small excavator or skid steer. Rugged, accurate and easy to use, the CR600 provides high, low or on-grade information for all your grading and excavating applications.

SPECIFICATIONS: LL600 LASER

Self-Leveling Accuracy	Electronic servo, $\pm 5^\circ$ range ± 10 arc seconds
Laser Type	± 1.5 mm per 30 m ($\pm 1/16$ in. per 100 ft) 670 nm visible, Class 2
Machine Control Compatible	Yes
Battery Life (20° C / 68° F)	Alkaline or NiMH rechargeable: 50 hours
Battery Status LEDs	Yes
Rotation Speed	600 rpm
Single Axis Manual Slope Mode	Yes (w/self-leveling mode on the second axis)
Operating Receiver Range (Diameter)	800 m (2,600 ft)
Waterproof	Yes
Tripod Mount (Horizontal and Vertical)	5/8 in x 11
Operating Temperature	-20° to 50° C (-4° to 122° F)
Weight	3.5 kg (7.72 lb)
Warranty	2 years



Spectra Precision Lasers from Trimble.

Construction Solutions To Build Your Competitive Advantage.

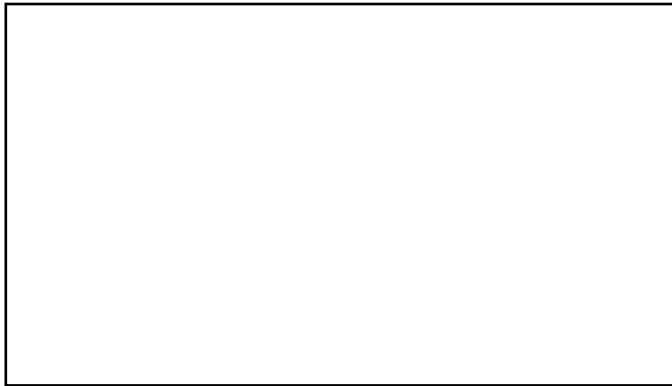
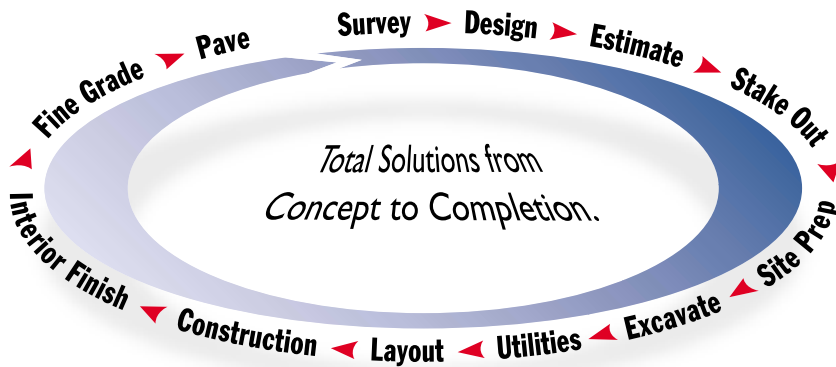
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