

# Leica Rugby 100LR

When you need to go  
the full distance



**SITE PROOF**  
by Leica Geosystems

- when it has to be **right**

**Leica**  
Geosystems

# Rugby Keeps You in the Game



Work confidently with the Rugby 100LR from Leica Geosystems – Self Leveling, Long Range, Highly Accurate with H.I. (elevation) Alert and the innovative Cross-axis Compensation feature.

Like the Rugby 100, it is a new breed of laser built to be the industry leader. It is rugged, reliable, and is the best value-for-money general construction laser.

The Rugby 100LR is an automatic self-leveling general construction laser for exterior jobs of any size, large or small. You can use it for:

- Checking grade
- Precise depth control for sub base and fine grade excavation
- Concrete forming, pad placement
- Setting foundations and footings
- Machine control for excavators with the MC200 Depthmaster or MC200 Digger, on a dozer or motor grader with the machine control CAB Sensor.



## Why Rugby is the toughest player on the field

- Waterproof and dust proof to work reliably in all weather and job site conditions
- Housing made from co-molded rubber and high-impact plastic
- Wide, stable aluminum base for maximum strength and stability
- The head is enclosed to protect the crucial interior parts
- Rugged, high-impact carrying case included
- 24 month warranty

**Leica Geosystems's warranty offers complete coverage of the internal self-leveling system no matter what. Should any accident or knockdown occur, all repairs to the internal assembly will be done at no charge.**



## Manual Grade with Cross-Axis Compensation

When activated, the cross-axis compensation automatically maintains the level position of the cross axis when manual grade is used in the main axis. Particularly useful for building driveways, septic lines, and other jobs that require a fast, easy way to put in slope.





Recommended package consists of laser, carrying case, ROD-EYE Pro sensor and optional NiMH charger and battery pack

### Easy to Learn. Easy to Use.

The professional's choice for fast, reliable and accurate laser leveling

- The keypad is easy to understand with the features clearly indicated
- Accuracy of  $\pm 1/16''$  @ 100 feet ( $\pm 1.5$  mm @ 30 m)
- Working range diameter of up to 2,500 ft (750 m) for long distance and machine control applications
- Ideally suited to work with the Rod-Eye Pro detector, which is extremely rugged and industry-proven
- H.I. (elevation) Alert indication prevents errors due to sudden shifting or movements of the tripod
- Out of level and low battery indicator lights
- Class I Infrared (IR) beam is rated the safest class laser
- Available with the optional rechargeable NiMH battery pack

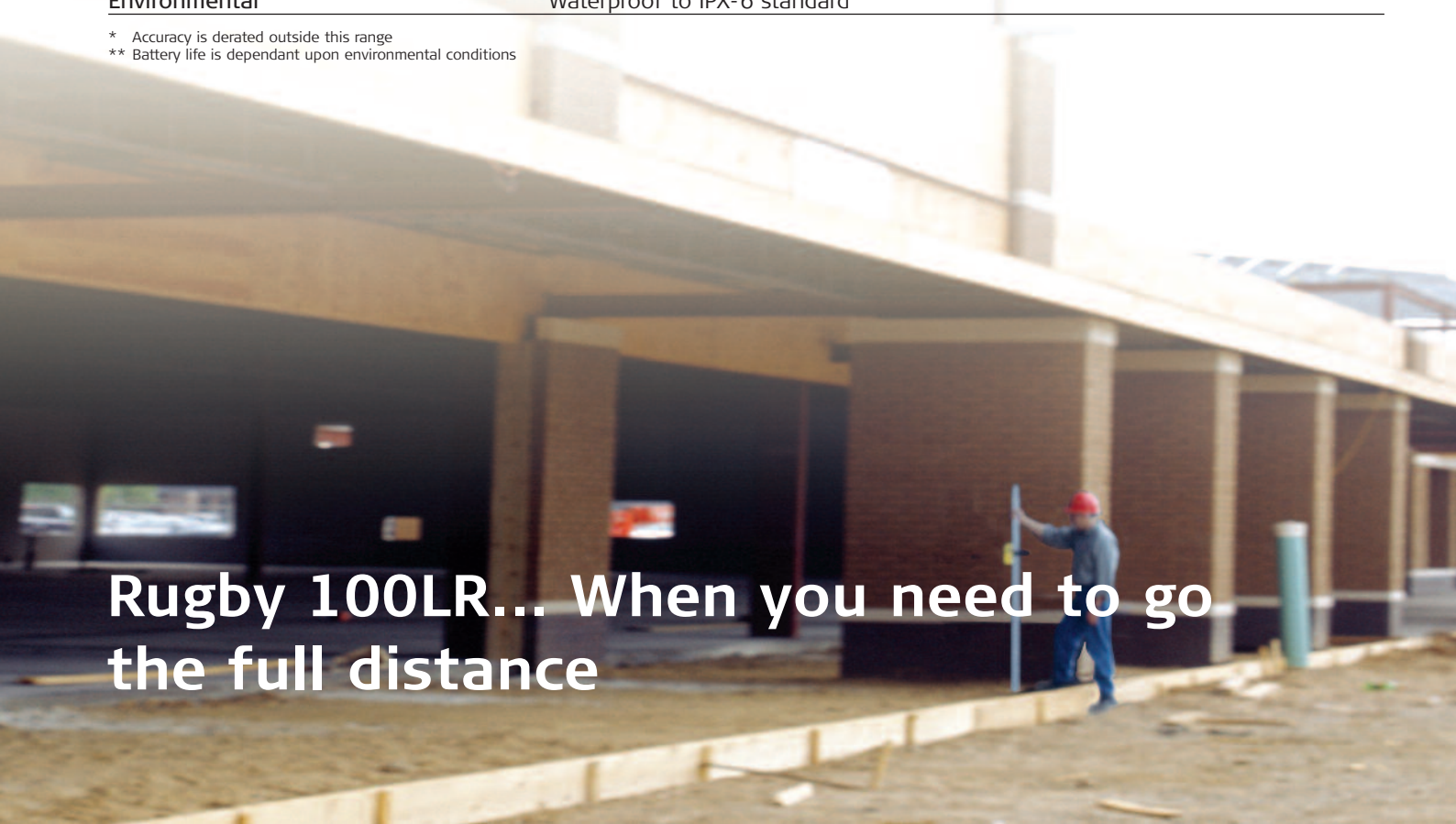
## Specifications

Working Range	2,500 feet (750 m) diameter
Self-leveling Accuracy	$\pm 1/16''$ @ 100' ( $\pm 1.5$ mm @ 30 m) from 23° F to 95° F (-5° C to +35° C)*
Self-leveling Range	$\pm 5^\circ$
Manual Grade	Up to 10%
Rotating Speeds	5, 10 rps
Battery Types	Alkaline / NiMH options
Battery life	Typically 60 hours with alkaline batteries, 35 hours with rechargeable batteries**
Laser Diode	Infrared (IR) 780 nm invisible
Dimensions (Height x Width x Depth)	7.8 x 9.8 x 6.9 inches (197 x 248 x 175 mm)
Operating Temperature	-4° F to +122° F (-20° C to +50° C)
Weight	5.5 lb (2.5 kg) with batteries
Environmental	Waterproof to IPX-6 standard

\* Accuracy is derated outside this range

\*\* Battery life is dependant upon environmental conditions

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Whether you have to precisely layout a construction site, perform control measurements, collect height and angle data, align concrete forms, install ceilings and partitions, lay gravity flow pipe, locate underground services or complete site preparation and earthworks – Leica Geosystems offers the right instrument, construction laser or machine control installation specifically designed for your construction application.

Easy-to-use, jobsite tough, accurate and reliable – Leica Geosystems instruments and lasers ensure the efficient use of your materials and resources. High quality products, such as optical and electronic levels, construction lasers, total stations and machine automation systems, provide fast results, keep you working and increase your profitability.

**When it has to be right.**



**Total Quality Management – our commitment to total customer satisfaction.**

Ask our local Leica Geosystems dealer for more information about our TQM program.

Laser class 1 in accordance with IEC 60825-1 and EN 60825-1  
Laser class I in accordance with FDA 21CFR CH.1 § 1040

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