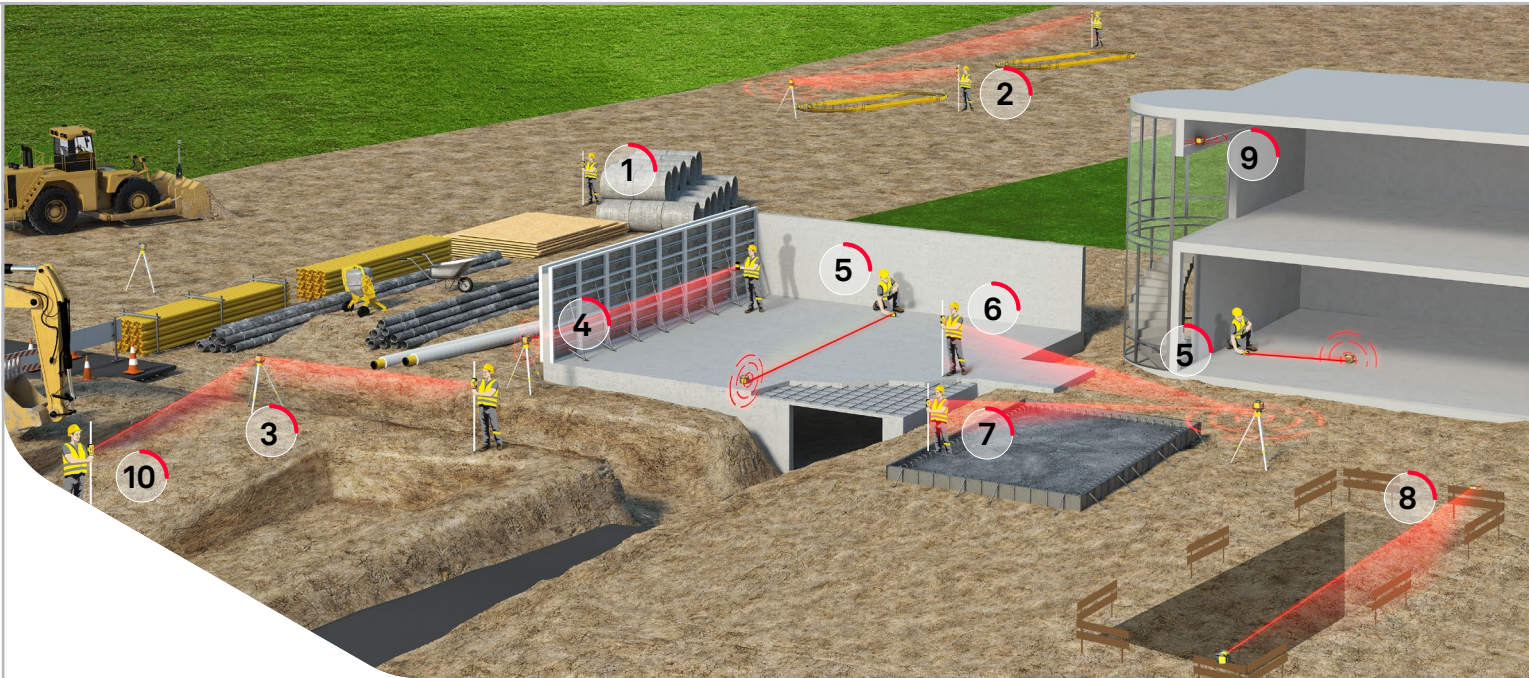


Leica Rugby CLAx

Premium accuracy for premium grade lasers





Leica Rugby Solutions

Tailored solutions for every challenge on site

Application fit

Selected applications	Job to be done	CLAx 250	CLAx 550	CLAx 700
1	Grade checking Check grades easily and reliably	●	●●	●●●
2	Parking areas Single and dual slopes ensure proper drainage in parking areas	●	●●	●●●
3	Slopes for ramps and driveways Dial-in or catch slope on a single or dual axis		●●	●●●
4	Formwork verticality Vertical alignment of forms using the slope catch function		●●	●●●
5	Set out walls Align two points and mark the wall position using the slope catch function		●●	●●●
6	Concrete levelling Check the concrete level during the pour	●●●	●●●	●●●
7	Formwork levelling Set and level the concrete forms	●●●	●●●	●●●
8	Batter board Align building axes using the slope catch function		●●	●●●
9	Level ceilings Check and level the suspended ceiling	●●●	●●●	●●●
10	Grades up to 15% Build grades of up to 15% incline			●●●

● Good ●● Better ●●● Best





Product fit

	CLAx 250	CLAx 550	CLAx 700
Self-levelling accuracy ¹	1.5 mm at 30 m / 1/16 at 100ft		
Self-levelling range	+/- 6°		
Operating range with Combo, RE 160	1350 m in diameter		
Laser class	2		
Operating temperature	-20 °C to +50 °C -4 °F to +122 °F		
Storage temperature	-40 °C to +70 °C -40 °F to +158 °F		
Battery and run time	Li-Ion / 50 hrs.		
Horizontal plane	X	X	X
Plumb-up beam	X	X	X
Mask mode ²	X	X	X
Slope catch & lock ²	(X) ³	X	X
Vertical plane		X	X
Adjustable head speed ²		X	X
Beam scan mode ²		X	X
Slope or grade setting	Dual grade Manual slope	Dual grade Dial-in Semi-automatic +/-8%	Dual grade Dial-in Fully automatic +/-15%

¹ at 25C / 77F

² Please note that some of the features need Combo+

³ Please note that no grade in % is displayed with CLAx 250



Powered by advanced sensor technology, fully automatic lasers deliver continuous control from start to finish.

Semi-automatic or fully automatic



Semi-automatic lasers are fully controlled in leveling mode, maintaining a horizontal plane. In grade mode, they follow a set slope but may not actively compensate for drift. After a certain period or when temperature changes occur, the laser resets to 0°, re-levels itself, and then returns to the preset grade.



Fully automatic lasers use advanced sensor technology to continuously control the laser's leveling – both in leveling mode and in grade mode. This ensures maximum control for all your grading applications.

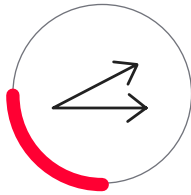
IP67

Robust, reliable, and IP67-rated –
Rugby CLAx lasers and Combo+ are made
for the toughest conditions.



Leica Combo+

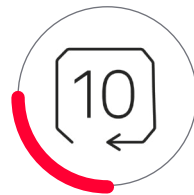
Unlock a world of powerful features



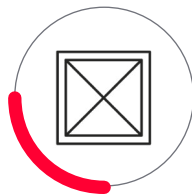
Setting grade remotely



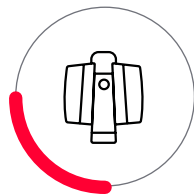
Smart target functions:
slope catch & slope,
lock function in both axis



Setting of head speed



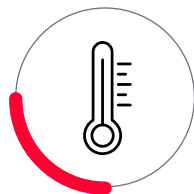
Beam masking



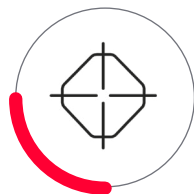
Beam scan mode



Setting of HI alert
and sensitivity



Temperature check



Semi-automatic
calibration



With more than 200 years of history, Leica Geosystems, part of Hexagon, is the trusted supplier of premium sensors, software, and services. Delivering value every day to professionals in surveying, construction, infrastructure, mining, mapping, and other geospatial content-dependent industries, Leica Geosystems leads the industry with innovative solutions to empower our autonomous future.

Learn more at leica-geosystems.com

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,800 employees in 50 countries and net sales of approximately 5.4bn EUR.

Learn more at hexagon.com