


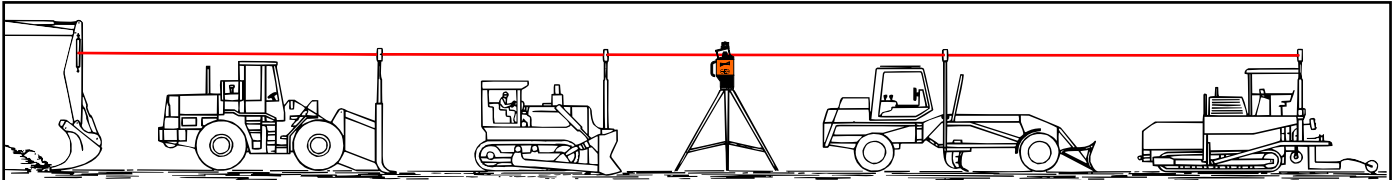


Two-Axis Inclination Laser



 <p>NL-9V</p> <ul style="list-style-type: none">• sighting device• to 20 %	 <p>NL-9</p> <ul style="list-style-type: none">• aiming device• to 20 %	 <p>NL-8</p> <ul style="list-style-type: none">• aiming device• to 50 %• rotation axis
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For surface construction

the optimum ...

simply

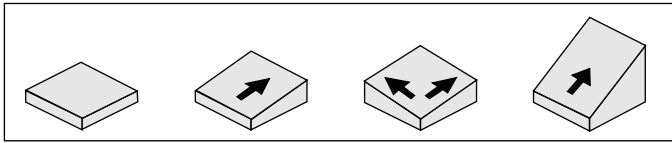


Automatic Two-Axis Inclination Laser NL-8/-9

Surface construction made easy:

The NL-8/-9

is a surface construction laser capable of electronic self-levelling over two axes. It emits a laser beam, which turns into a light plane as it rotates, horizontal, with single or double inclination, up to steep inclination.



Outstanding performance features:

- **Fully automatic**

Automatic levelling, inclination zeroing and cut-out in case of low battery or jerky movement.

- **Robust metal housing laser/remote control**

Plastic-coated, swept and filled with nitrogen, 100 % watertight.

- **Special aiming device NL-8/-9**

For quick alignment of the inclination axis in all four directions, also when aligning at different target heights.

- **Inclination measurement parallel to ground**

Even if the inclination is not known, it simply can be adapted to the ground.

- **Increased safety**

Control indicators with blinking warning system for levelling, operation status and low battery.

The name of the owner can be saved in the device to protect against theft.

Automatic laser cut-out in case of jerky movement (bumps).

Shift guard for X/Y inclination setting and rotational speed.

- **Illuminated, clearly legible LCD display**

Self-explanatory, for on/off, device data, company data, lock function, inclination, algebraic sign, unit % or ‰, rotor speed, operating status, battery level and menu.

- **Special laser beam quality**

Diode laser with visible beam, high life expectancy and low power consumption.

- **Range deactivation of laser**

Thereby the emission of laser beam can be limited from 400 gon to 300 gon or 200 gon or 100 gon.

- **Lithium ion rechargeable battery**

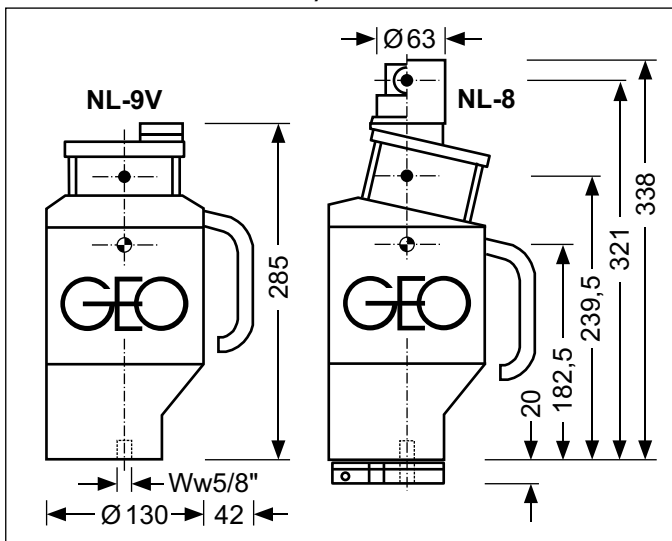
Operation time to 27 hours with one charge.

Rechargeable in 5 hours max. without having to take out the battery.

- **Two-way radio remote control (optional)**

Operation of the laser completely via radio control up to 350 m.

Dimensional sketch NL-9V/-8



Technical specifications NL-8, NL-9, NL-9V

Laser class/Laser: 2, P_P < 2.6 mW/diode, visible red, 658 nm

Range depending on circumstances: to 500 m, Ø 1000 m

Inclination range NL-9, NL-9V: X-axis from - 5 % to + 20 %

Inclination range NL-9, NL-9V: Y-axis from - 5 % to + 5 %

Inclination range NL-8: X-axis from - 5 % to + 50 %

Inclination range NL-8: Y-axis from - 5 % to + 12 %

Self-levelling range: over the complete inclination range

Speed adjustment: from 600 - 1000 rpm

Reading precision: 0.001 %

Permissible deviation: ± 5 mm/100 m

Operating time with 7.4 V DC Li Ion recharge. battery: to 27 hours

External power supply: 11 V DC to 14 V DC with cable 0117.02

Low battery cut-out: yes

Watertight: to 0.35 bar

Temperature range: - 10° C to + 50° C

Weight: 3.6 kg

Adjustment: possible in the field without having to open the device

Guarantee: 24 months

Two-way radio remote control FB-10

Range: to 350 m

The range is reduced by obstacles in the way of the radio signal.

Power supply: 2 x round cell/AA (battery or rech. battery)

Weight / Dimensions: 0.44 kg / 150 x 70 x 35 mm

Standard delivery package

No.	Order No.	Type	Description
1	0001.345.1	NL-8	Two-axis inclination laser with special aiming device, up to 50 % and rotation axis
or	0001.355.1	NL-9	Two-axis inclination laser with special aiming device, up to 20 %
or	0001.356.1	NL-9V	Two-axis inclination laser with sighting device, up to 20 %
with	2	0037.18	NE-80
3	0077.36		Power supply/Battery charger Transport case



Optional accessories

No.	Order No.	Type	Description
1	1035.29		Lightning 2 laser receiver
2	1035.27	Storm	Laser receiver with digital measured value display
3	0009.36.1	FE-53	Locking receiver for laser light plane
4	0026.07	FB-10	Two-way radio control
5	0045.04	DS-80	Rotation axis (NL-8: in the standard delivery package)
6	0117.02		12 V DC Li Ion connection cable
7	0047.00		Rechargeable battery connection



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Subject to change. Made in Germany.

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