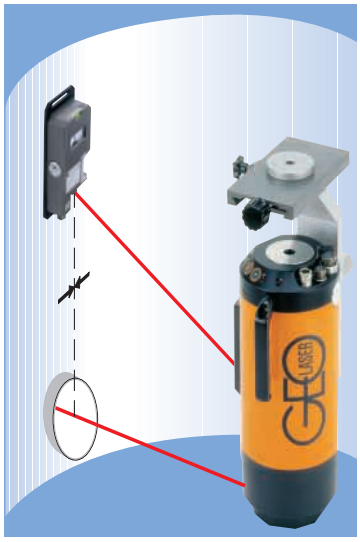
We should get to know each other

GEO LASER
ganz einfach optimal



Innovative products – each of them a hit

100 90 80 70

Sewer construction laser KL-30

Specially developed for the laying of pipes. In addition able to be used for many different applications. One-man operation with IR remote operation. Large inclination and self-levelling range from - 15 to + 40%. Exact setting of the inclination in 0.001% steps. A high degree of user-friendliness is achieved through the automatic levelling, rough-fine setting, direction centring, zero-point setting and monitoring functions. Advantageous mounting – direction-oriented and positively centred – as desired in advance of, in or on the pipe.

Header laser VL-40

The consistent further development of the practice-proven GEO header laser. Electronic longitudinal and transverse levelling. Motorized setting of the focussing, direction and inclination. Safety through control display with blinking indicators for levelling, operating state and undervoltage. Inclination setting from - 22 to + 29%. The positioning device ensures rapid and exact installation.

Header laser VL-50 as VL-40

+ Automatic direction system via a second laser beam in combination with the VLLE laser receiver.
= Increased user-friendliness and more safety.

2-axis inclination laser NL-50

All-round laser capable of electronic self-levelling over two axes, for horizontal applications, with simple or two-fold inclination up to steep inclinations. Range Ø 400m. Rotor speed adjustable up to 1000 rpm/shift guards for X and Y inclination settings as well as for the rotor speed/built-in rechargeable battery with automatic switching-off at transportation/innovative target device.

Measure this laser up against your requirements.

Overground building construction laser HL-50

The multi-talent! All-round laser capable of electronic self-levelling over three axes, for horizontal and vertical applications. Also able to be used as right-angle and vertical laser through beam splitting prisms in the rotor head. Range Ø 400m. Built-in rechargeable battery with automatic switching-off at transportation/scan function/ automatic switching off of the laser/manual setting of the rotor/infrared remote operation. The first fully automatic device with internal and external automatic functions.

Energy box EB-12/24

The ideal, mains-independent power pack. 12 V/24 Ah for laser and surveying devices. Able to be carried safely. Current pole protected. Rechargeable battery, charging part, monitoring electronics and cable tray integrated in the housing. Absolutely no maintenance required apart from the charging.

Laser receiver LE-95

The position relative to the light plane is displayed by means of the double illuminated display and different signal tones. Automatic switching over of the precision. A receiver that has set standards.

Control laser receiver LE-58

For all those who need the highest precision, who require more safety and who must rationalize their operations. The LE-58 makes external automatic functions possible, e.g. an automatic direction function. The position is captured, displayed and passed on to the laser via an infrared transmitter. This then automatically steers the laser beam to the central position. Specially developed for IL-/HL-/FL-50

Automatic Laser Receiver LE-81

Fast high-precision measurement. The deviation is displayed in mm. Resolution: 1 mm The zero-point can be set anywhere in the complete measuring range. Power supply by 9 V block batteries.

Automatic laser receiver LE-10

A special class of receiver. Functional principle: A sensor tracks the measuring range of 140 mm and searches for the light plane on its own. The position that is found is displayed digitally in mm. Resolution: 0.1 mm. Memory for 1000 measuring points. The zero-point can be set anywhere in the complete measuring range. Connection socket for external 12 V DC power supply. FA-10 remote display and data transmission.

Automatic tripod AD-12

The dream of being able to level surveying devices automatically has become reality. The precondition for the automatic draft of traverse has been fulfilled. The convincing technical data:
Levelling range in 2 axes:.....up to ± 12 gon
Levelling range in 1 axis: .....up to ± 18 gon
Levelling precision:.....± 10 mgon
Positive centring:.....Wild system
Power supply:.....12 V DC / 0.11 A
Carrying capacity: .....10 kg

Measuring and control systems for pipe driving

The following hold good for all products

Mature design/construction, compact mode of construction, orange warning colour, very simple operating, high operational reliability and long service life. The robust metal housings are plastic-coated, filled with nitrogen and watertight.

Practice-proven system accessories ensure optimal use.

GEO – partner of the construction industry for more than 35 years

from:

GEO-FeinmechanikGmbH

Lasers for civil and underground engineering, interior works, machine control, surveying instruments

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