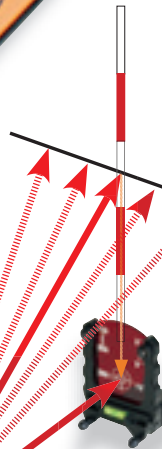


# Compact and powerful pipe laser QL 125



## • Compact dimensions

The QL 125 laser is designed for use when space is limited. Its short length means the laser can be used in tight bends and narrow manholes. The minimum pipe diameter is 125 mm.

## • Robust housing

The robust cast-aluminium housing is a common feature of QBL's pipe lasers. A sensitive sensor reliably compensates for external vibrations.

## • Accuracy

Pipelaying demands precision over long distances. Therefore the QL 125 has to work accurately. Consistent precision and reliability are ensured by the robust mechanism, optics and electronics, all designed for life on site.

## • Inclination angle

The QL 125 can cope with the inclines and declines typically found in civil engineering and utility work. Even grades of -10 to +40 % are no problem for the QL 125.

## • Manual alignment

The manual alignment function allows you to direct the laser by remote control onto a reference rod outside the excavation, without later having to use the grade-setting control once more in the manhole.

1. Set the desired grade.
2. Direct the laser beam onto the reference rod.
3. Press the alignment button to return the laser beam to the original grade setting - the line is exactly preserved.

## • Manual cross axis levelling

Cross axis orientation can be done very conveniently using the digital spirit level shown on the display. If the automatic levelling range of the cross axis is exceeded, the QL 125 warns the user with a pulsating beam.

## • Lithium-ion batteries

Lithium-ion batteries ensure that the QL 125 is always ready for action. A second battery (optional) can be charged outside the laser.

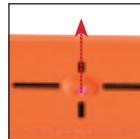
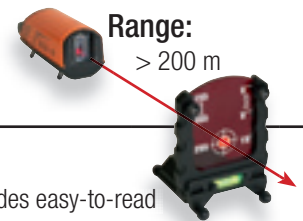
Li-ion power

+ 40 %

- 10 %



# QL 125 pipe laser



## Technical data QL 125

Range:	>200 m
Diode:	635 nm
Laser class:	2R
Accuracy:	± 10" (± 5 mm/100 m)
Self-levelling:	-15 % to +45 %
Threaded mount:	5/8"
Protection class:	IP68
Operating time:	40 h
Battery:	Li-ion
Temperature range:	-20 °C to +50 °C
Dimensions:	305 x 105 x 113 mm
Setting range:	
Line:	±10°
Grade:	-10 % to +40 %
Setting accuracy:	0,001 %

## • Clear display

The display has large characters and provides easy-to-read information about grade, line, cross axis inclination, tilt, battery charge state and more. The illuminated display can be easily read, even in the dark.

## • Waterproof

The housing is water- and dust-proof to IP68 standard and can be immersed without problems. No matter how quickly water and dirt appear in the invert. The QL 125 can withstand it.

## • Versatile configuration

Interchangeable feet allow the QL 125 to be configured to suit the widest range of site situations. The target plate does not require any extra feet.

## • Convenient remote control

The remote control has a range of 100 m. All the important functions can be set using the remote control. The Sleep mode saves battery life when taking breaks from work.



## • Pivot point and 5/8" thread

The bright LED on the top indicates the pivot point of the device and allows exact alignment. The 5/8" tripod mount on the underside is also centred on the pivot point.

## Parts and accessories

## Part. No.

<b>QL 125 complete</b>	<b>91-125-50100</b>
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### Accessories

<b>Remote control QL 125-7</b>	<b>91086-504 00</b>
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<b>Charger LDG 125</b>	<b>91085-544 00</b>
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<b>Standard target plate</b>	<b>91383-502 00</b>
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<b>Laser foot 200 mm</b>	<b>91179-022 00</b>
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<b>Laser foot 250 mm</b>	<b>91179-023 00</b>
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<b>Battery cable</b>	<b>91055-504 00</b>
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<b>Clip-in target plate</b>	<b>91383-503 00</b>
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<b>Energy pack</b>	<b>91085-543 00</b>
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**Compact & powerful!**

## Delivery package QL 125:

Remote control QL 125-7, charger LDG 125, standard target plate, 3 sets of legs 4x 150-200-250 mm, operating instructions de/en/fr.  
**Optional:** Clip-in target plate, battery cable



Your QBL construction laser dealer:



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