



FL 550H-G

FL 550H-G For steep grades

The top of the range dual grade laser can be used for grades up to 25%

A rugged high performance fully automatic self-levelling dual grade laser. Designed for excavation, ground works and use with machine control systems for ultimate grade control.

- » Horizontally fully automatic self-levelling
- » Digital grade setting of X and Y axis
- » Steep grade setting in Y axis up to 25% (using steep grade adapter)
- » Manual grade setting of X and Y axis
- » VWS function (Vibration-Wind-Security); rotation will not be stopped due to light ground and wind vibrations (VWS function is combined with TILT function)
- » Fully functional 9 channel 2 way RF remote control
- » Li-Ion battery technology: 100% power until fully discharged, no memory effect, no self-discharge, top-up charging possible
- » Zonal control with electronic beam screen (masking)
- » Illuminated display

Features

- » Dual Axis Laser
- » Steep grade laser
- » Digital grade adjustment

PRODUCT INFORMATION

- » Monitored grade
- » TILT function
- » VWS function
- » Illuminated display
- » 2 way RF remote control
- » Manual function
- » Operation with rechargeable Li-Ion or alkaline batteries
- » Dust / water protection IP 66

Supplied with

- » Receiver FR 45 with clamp
- » 2 way RF remote control
- » Li-Ion batteries and charger
- » Telescopic viewfinder
- » Steep grade adapter
- » 360° horizontal fine adjustment bracket
- » Container

Technical data

Self-levelling range

± 8°

Accuracy horizontal

± 0,5 mm / 10 m

Accuracy grade

± 1 mm / 10 m

Working range with receiver Ø

Ø 900 m

Working range w/o receiver Ø

Ø 40 m

Laser diode / Laser class

635 nm / 2

Slope setting

X axis

PRODUCT INFORMATION

± 10,000%

Y axis

-1,000% bis +25,000%

X and Y axis

± 20%

Rotating speed

600, 1100 U/min.

Operating time

40 h

time 40 h

intelligent / Li-Ion

Alkaline batteries (optional)

Remote control range

100 m

Remote control channels

9

Temperature range

-10 °C – +50 °C

Dust/water protection

IP 66

Weight (instrument only)

3,85 kg