

iCON excavate

iXE1, 1D excavating system

With the single slope system from Leica Geosystems you do not need to use a laser. The cutting depth is directly presented on the control box display in the cabin. The 1D excavator system uses three inclinometer sensors mounted on the boom, stick and bucket. The sensor on the stick also has a built-in laser receiver.

The system Leica iCON iXE1 PowerDigger Lite is reset by means of a laser plane or a physically defined reference height, e.g. a grade bar or curb stone height. The desired depth and slope are entered into the control box. With this system, you only work with a one-direction slope. The arrows on the display will indicate whether you are too low, too high or "on-grade". This information is also given by means of an audible signal, while the LED screen also displays the level in metric units or US feet.



Easy-to-use graphical display

Short learning curve thanks to smart menus

Robust and reliable construction

1D excavating system functions



DEPTH

Commonly used for bases, foundations, etc.



UNDERWATER WORK

The bucket motion is shown on the graphical display.



GRADIENT

In the longitudinal direction.



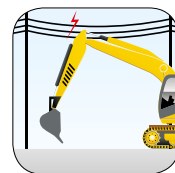
SLOPE

Set the desired slope for the embankment.



GRADING WORK

Set the right depth and the desired tilt in one direction.



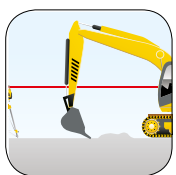
HEIGHT ALERT

An audible signal warns the operator if the defined limit is exceeded. Useful around bridges and overhead lines.



PIPELAYING

Set the desired depth and slope of the pipe trenches.



LASER REFERENCE

Offers the possibility of using rotating laser as a reference.



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- when it has to be **right**

Leica
Geosystems