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Leica iCON excavate iXE2

The most flexible 2D excavator control system



Easy elevation and dual slope control

Leica iCON excavate iXE2 is an easy-to-use, multifunctional 2D control system designed to make excavating easier and more productive. The system allows multiple elevation and slopes to be cut without resetting the machine or rotating laser. Just enter the required depth and slopes and start off digging. Leica iCON excavate iXE2 displays the bucket´s actual position relative to design elevation and slope, allowing you to reach the design grade faster.

Leica iCON excavate iXE2 features the unique PowerSnap concept that enables instant system installation and full interchangeability of control boxes.

Flexibility that will inspire you!

Benefits

- High-accuracy dual slope and level control
- Graphic display indicating real-time cut/fill
- No need for grade checking, touch your selected point and read the slope and depth in your display. Keep your personnel safe!
- Maximise your machine utilisation and return-on-investment by getting right to grade the first time
- No more over excavations – dig to planned grade easily and accurately. Save material and fuel cost
- Use Leica iCON excavate iXE2 on multiple machines in your fleet. PowerSnap allows you to interchange control panels easily and rapidly as needed
- Fully scaleable system

- when it has to be **right**

Leica Geosystems

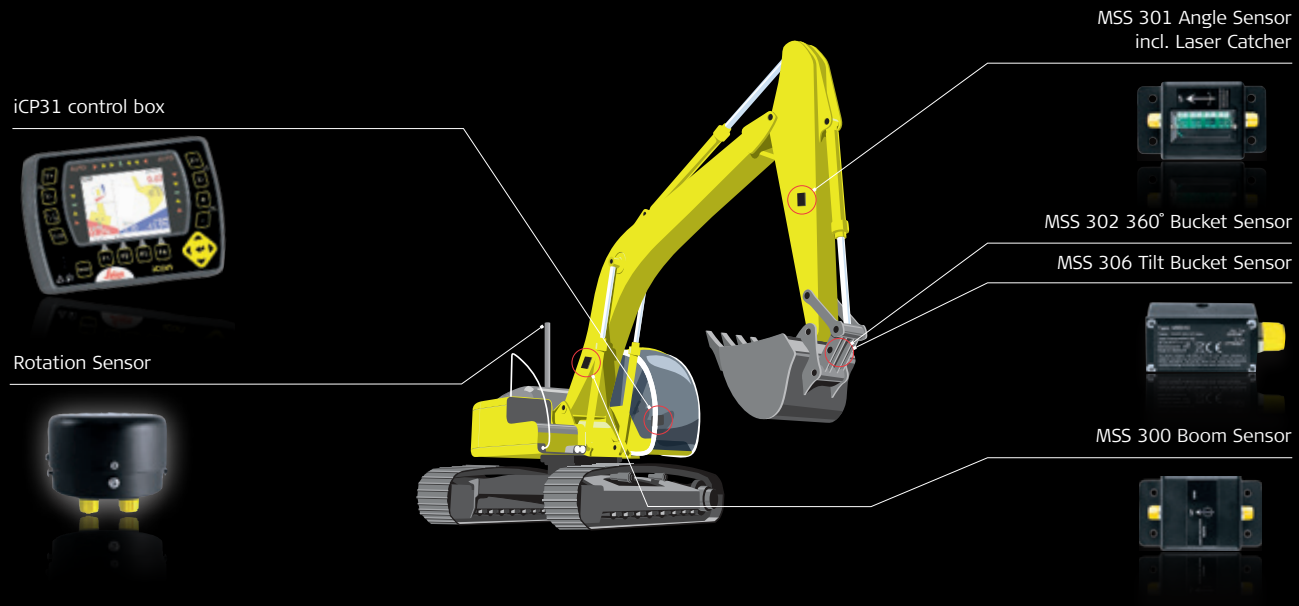
Leica iCON excavate iXE2
The most flexible 2D excavator control system

Outstanding performance and flexibility
Leica iCON excavate iXE2 speeds up any excavating job and increases your digging accuracy and safety on site. The system provides you full control information in the cab, allowing you to create complex designs and profiles quickly and conveniently.

Leica iCON excavate iXE2 is a truly upgradeable system. You can start with single grade operation and upgrade as needed to a full dual grade system by adding a rotation and tilt bucket sensor to your system. With an additional 3D control box and GNSS sensors you get a highly efficient 3D guidance solution that allows you to excavate according to the 3D design model on your panel.

System features
- 3.5″ colour graphic display
- Simple user interface with intuitive graphics
- Function keys for instant access of important functions
- Selectable bucket reference point
- Cable-free control box. Easy snap-on/snap off mechanism
- Height warning – audible warning on selected height, useful for overhead cables and working under bridges and inside buildings

System components



PowerSnap – Unique and innovative
The patented PowerSnap technology from Leica Geosystems is a unique feature offering you plenty of great advantages:

- System is up and running in no time
- Rapid interchange of control panels between machines, giving you extra flexibility on site
- One PowerSnap Cradle for all panels (iCON excavate and iCON grade)
- Easy removal of core components for overnight security
- Cable-free connection to control box
- Safety shut down feature protects system and data
- Cradle stores machine specific settings such as machine dimensions
- Practical snap on/snap off capability

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