

Leica iCON iRD3/iRP3

Ultimate control and efficiency for drillers and pilers



Benefit from Leica iCON, the intelligent, continually expanding portfolio of intuitive and efficient solutions for construction and civil engineering. The iCON portfolio comprises measuring sensors and software for construction surveying, machine control solutions, and smart telematics solutions which connect you online with teams and machines on site, and offer you a range of outstanding tools which increase productivity of machine operations and for controlling your projects remotely from wherever you are.

Understanding construction.

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iCONtrol
Brochure



Leica iCON site
Brochure



Leica Machine Control
Solutions Brochure



Leica iCON rig for drillers

Save time and speed up



Benefits of the Leica iRD3 solution for drilling

- Huge time and cost saving with every drilling job
- Eliminate or drastically reduce stake out work
- Wireless update of project files and remote support via telematics
- Document your work as the project progresses
- Avoid drilling in old and failed holes



Features of Leica iRD3

- Drilling complex patterns is a breeze – even directional drilling is possible
- Create drill patterns directly on the display
- Log holes on the fly and share with entire site via telematics
- Log hole depth, angle and position
- Import drill patterns from telematics

Ultimate efficiency for drillers and pilers

The Leica iCON rig iRD3 and iRP3 solutions for drilling and piling rigs drastically reduce costs by eliminating dependency on stake outs. The iCON rig solution directly supplies operators with point lists to in-cab displays and navigates them via GNSS quickly and accurately to locations.

- One solution for all your drilling and piling needs
- Built on the same hardware platform as all other iCONtrol solutions, one platform for all your machine control needs
- Connect entire site with telematics
- Simple and intuitive user interface
- Fully customisable 3D views of your machine and jobsite, see the job exactly how you want to
- Quick and easy setup for operator preferences
- No need for office software, the iCON rig software platform accepts several open 3D data formats

The configuration to speed up

iCON rig offers a standard feeder or body mounted GNSS driller and piler configuration utilizing an array of Leica sensors for surface drill rigs and for piling of precast concrete piles, sheet wall and ground stabilisation. Pictured below are some of the sensors utilized in the iCON rig solutions:



iCG82 GNSS Machine Receiver



CGA60 GNSS Antennae



iCP40 Control Panel



Tilt Bucket Sensor



360° Bucket Sensor

Leica iCON rig for pilers

Save money and boost productivity



Benefits of the Leica iRP3 solution for piling

- Huge cost savings and increased safety due to less people on the site
- As applied documentation is automated, there is no need to survey the finished project
- Save time and money with faster navigation between piles
- Check on your projects progress from the comfort of your office
- Complete large piling projects in a short time

Features of Leica iRP3

- Eliminate stake out – start working
- Document pile positions on the fly
- Faster navigation between piles
- Get real-time status of project with telematics

