

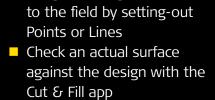


With Leica iCON, you have the accuracy and performance you need for all your construction tasks. iCON combines best-in-class positioning instruments and machine control systems with powerful application software tailored for construction and the latest communications technology. They work together to ensure you handle on-site tasks more efficiently than ever before and get the high-quality results you

Successful on site measurement, whether checking, setting-out or using machine control systems depends upon the preparation and integrity of the design data. The software application used to prepare design data must maintain this integrity whether it comes in the form of a paper plan or a complete 3D digital model. Leica iCON office, a complete data preparation, editing and reporting software package can fulfil this requirement and much more.



only once by using Leica iCON office. iCONstruct field enables measurement functionality in an easy-to-use and intuitive way to site personnel. Bring the designed model



Calculate the volume of a stockpile or pit to know the amount of truck loadings Compare constructed vs. designed model by using the As-built app



equipment. The innovative SP Technology opens new

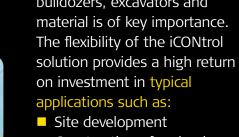
opportunities for dozers: Combining ease-of-use and unrivalled flexibility Highest precision at the

fastest speed Faster results without losing accuracy

Work at higher speeds By using inertial guidance with the most responsive hydraulic control on the market, GPS performance is significantly enhanced. Machines equipped with SP Technology have reduced need for rework and increased uptime during poor GPS/GLONASS coverage or temporary interrupted availabilities of correction signals.



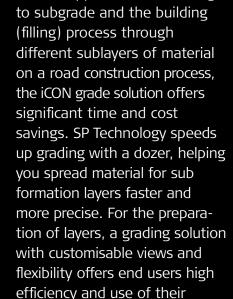
# bulldozers, excavators and material is of key importance.



Construction of embank-

Land recontouring Cut & Fill operations Leica iCON grade 32/42 offer guided as well as automated solutions and Leica iCON excavate 31/41 offer guided solutions.





efficiency and use of their machinery. Benefits with iCON grade

32 & 42 Flexibility to work with 2D or

between dozers and graders

Support for multiple data formats Consistent user interface



- for controlled water flow (water and sewage, electricity, gas, communications)
- Basement a standard
- Applications where depth and slope can be controlled from a laser or a reference
- Setting up a housing project without having to depend on traditional set-out processes Doing the difficult blind cut applications with full control of your bucket tip
- Leica iCON excavate 31 & iCON grade 32 offer flexible configurable solutions for these typical applications.



- grade 42 3D grading solution provides highest precision and flexibility for fast, high quality
- Smooth, highly accurate grading to 3D project
- Easy operation with full 3D graphical guidance in the
- For paving applications with high precision and productivity use Leica PaveSmart 3D. No stringlines or stakes needed – significant time and money savings
- Greatly simplified jobsite logistics Precise 3D machine control

your paving results

saves material and improves



## portal. Having the latest design data in the field is essential for site performance.

- Applications: View: Provides remote support functionality. View and operate the machine
- screen remotely from the Sync: Create projects on the web portal and assign various machines from your fleet. Upload the latest design data to all machines
- project. Track: Keep track on your fleet. Generate individual or periodic reports.

used in your individual

www.leica-geosystems.com/icon





Leica iCON excavate 31 2D Excavating solution Full 2D functionality presented on multicolour panel. Simple and intuitive user interface which provides ease-of-use.



Leica iCON excavate 41 3D Excavating solution Full visual guidance of the bucket see the job as you want. Menu keys give the operator an easy overview of functions.



Leica iCON grade 32 2D Grading solution Easy monitoring of the blade position. Main function keys for easy operation.



Leica iCON grade 42 3D Grading solution Fully customisable 3D views of your machine and job site. Auto/manual information is presented on the screen.

