

Leica iCON build Construction layout solutions



Leica Geosystems intelligent CONstruction.

Whether you construct buildings, roads, bridges or tunnels, you benefit from intelligent CONstruction. Leica iCON is more than a new product line or software package, it enables you to enhance your performance, and increase your profitability through perfecting your construction workflow.

Understanding construction demands outstanding solutions:

- Custom-built
- Complete
- Straightforward
- High performance

When it has to be right.



Laser plummet:
Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1

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Leica iCON build
Brochure



Leica Builder
Brochure



Leica iCON robot 60
Product information



Leica iCON builder 60
Product information



Leica Geosystems

Choose the best solution for your task



iCON robot 60

- High-end robotic total station
- Setup Pilot: one-button method for automatic and secure setup
- Cube Search: boosts prism search to keep you focused on the job
- Target Snap: ensures that robot locks only to you
- Machine control ready
- ATACK support for Leica PaveSmart 3D
- 1000m/3280ft reflectorless
- Approximately 50% more efficient than mechanical total station layout



iCON builder 60

- High-end manual total station
- Bright colour touch screen
- Guide Light (EGL) for quick self-alignment
- DXF direct: no need for prior conversion in the office
- Select layout points from map or point list
- Automatic switch from map to bulls-eye view
- 500m/1640ft reflectorless
- Approximately 25% more efficient than tape and string layout



- Easy-to-use iCON build software has the same user interface on all iCON devices
- Ambient light sensor automatically adjusts illumination for best visibility of screen and buttons
- Set up total station and finish jobs without the need for a controller



iCON CC65/66 iCON CC55

Rugged 7" tablet PC Handy & bright screen controller

iCON build field software

- Innovative point & line layout and data capturing tool
- Works with mechanical & robotic total stations as well as GPS
- Simple to get started and to perfect any layout job
- Tailor-made for site workers and adapted to their work flow



- **Featuring:**
- Point Pilot & Sketch: most intuitive data entry system
- 3D Viewer for clear data visualisation, enabling users to layout points straight from 3D design
- Telematics option connects office to the site: stay online for design updates, as-builts or remote support
- Auto-Layout next point from list or nearest point to you



CRP pole

- Flip pole to get best prism position
- 2 bubbles support flipping
- Pre-set pole heights in iCON build
- Tip is made of durable steel
- Use plate for grade checks on footings, soil or gravel
- Additional scale for vertical layout marking
- Center punch tip available – fits dimensioning system



iCON builder 60 delivery contents

- All accessories included for out-of-the-box use
- Original Leica Geosystems accessories for optimal working conditions



iCON robot 50

- Mid-range robotic total station without display
- PowerSearch & Automatic Aiming for fast prism search & lock
- 250m/820ft reflectorless



Leica Builder

- Mid-range manual total station with monochrome screen
- High accuracy
- Works with iCON data loggers



iCON gps 60

- High performance smart antenna
- Excellent signal tracking
- Rover or base setup
- High accuracy



iCON build PLUS

- Grow with your business into dirt works
- Volumes app to give contractors exact info on dirt movements in m³/ft³
 - Cut & Fill app for grade checks
 - Slopes app for batter board and slope staking



MPR 122

- Ultra rugged 360° prism
- Suitable for machine control
- Highest precision
- Fits perfectly the CRP pole

ACTIVE customer care

Your Trusted Active Customer Care

Active Customer Care is a true partnership between Leica Geosystems and its customers. Customer Care Packages (CCPs) ensure optimally maintained equipment, the most up-to-date software and quality support to deliver the best results for your business. The myWorld @ Leica Geosystems customer portal provides a wealth of information 24/7.

Understanding construction.