

# 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 CC66**  
Rugged 7" tablet PC

**iCON CC80**  
Lightweight tablet with multi-touchscreen

## 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 m<sup>3</sup>/ft<sup>3</sup>
  - 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.