# 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

Brochure

- 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 Leica Builder Brochure



Product information

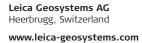


a iCON robot 60

Leica iCON builder 60 Leica iCON robot 60 Product information

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- when it has to be **right** 



# 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



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 **3**D 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



#### **iCON** robot 50

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



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







### 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



**MPR 122** 

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



# 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.

