

LEICA ICON ROBOTIC

TOTAL STATIONS

Whether you're constructing buildings, roads, bridges, or tunnels, the Leica Intelligent Construction systems enable you to enhance your performance, and increase your profitability through perfecting your construction workflows. The Leica iCON robotic total stations offer high performance and versatility for multiple tasks.



LEICA ICON ROBOT 50

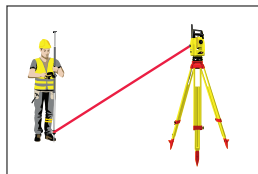


The Leica iCON robot 50 is designed for ease of use: simply level the instrument and go.

Save time and increase your productivity by doing layout work and as-built checks yourself. With the iCON robot 50, you don't need an operator at the instrument. The robotic total station can be operated from the field controller at the prism pole, at the point you need positioning.

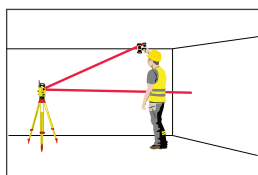
The iCON robot 50 also delivers:

- The most accurate reflectorless measurements in its class
- One-button keyboard for simple operation
- Faster prism search by PowerSearch (patented technology)
- Superior tracking performance ensures minimum machine downtime in machine control operation
- Flexible data communication: WLAN (150m range) or Long-range Bluetooth® (350m)
- Easy handover control from rover to machine control and vice versa



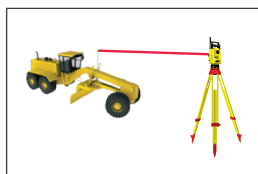
One Man Robotic

Increase your productivity by working in one person mode. With industry leading tracking performance and the patented PowerSearch technology, Leica iCON robot 50 allows you to finish jobs faster maintaining highest accuracy.



Interior Overhead with Laser Pointer

Using one of the world's most accurate laser pointers, remotely layout points on walls for drill patterns or on ceilings for air conditioning or other such projects.



Machine Control

Work to the tightest tolerances under any site conditions. With Leica iCON robot 50 you can carry out fine grading and paving with highest precision speeding up your work with construction machinery.

LEICA ICON ROBOT 60



The Leica iCON robot 60 robotic total station perfects one-person construction layout and 3D machine control. Simplify your work on site with this total station's high performance tracking, innovative lock, and find mechanisms and software tailored per work step. Get faster and optimized results with the powerful iCONstruct field software as a remote control.

The iCON robot 60 robotic total station provides you several unique features to complete your jobs faster, easier and more accurately:

- Setup Pilot – world's first fully automatic setup measurement method
- Cube Search – boosts prism search to a maximum
- Target Snap – ignores other prisms, just locks to yours
- ATTACK support for Leica PaveSmart 3D

The iCON robot 60 is one instrument for many tasks, including applications for:

- Layout lines for footings or chalk line for formwork on foundation
- Layout points on blinding layer such as pipe insert or cut-outs before pouring concrete
- MEP layout of wall penetrations for pipes, hanger locations for HVAC and ductwork, and inserts and slits for sheet metal work
- Controlling a wide variety of machines, such as curb and gutter or milling machines, asphalt or concrete pavers, graders or dozers, and rock drilling machines or excavators

HAVE QUESTIONS?

Need hardware specs or would like to schedule a demo? Contact your U.S. CAD Account Manager or our team at info@uscad.com or call (877) 648-7223.

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- when it has to be **right** 



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