Leica PowerTracker
Surveying has never been this simple!

Leica PowerTracker

The all new Leica PowerTracker brings industry leading performance and technology to you in a simple, easy to use, versatile package. Using PowerTracker will increase jobsite productivity and improve accuracy from the moment you switch it on.

Leica PowerTracker is a highly accurate robotic tracking sensor, which is the perfect tool for all your construction positioning needs. From stakeout, to machine control, to as-built verification PowerTracker is the ideal sensor to get the job done right the first time.

Designed specifically with the construction site and the construction user in mind, simply level the sensor and GO. With no keyboard on the sensor and an extremely intuitive user interface, users will be up and running in no time.

Benefits

- Simple to use:
  - No keyboard (Level and Go functionality)
  - Powerful easy to use software
  - Use one controller for many tasks
- Market leading performance
  - Power Search
  - High accuracy static and dynamic modes
  - Superior tracking performance
  - High measurement frequency
  - High accuracy prism and accessories
- Save Money
  - Modular system design (pay for what you need)
  - Upgradeable as you grow
  - Work under any site conditions (rain, wind, snow, sun, underground, in canyons, steep slopes ...)

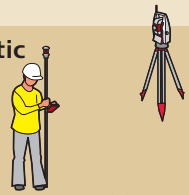
- when it has to be **right**

Leica Geosystems

Leica PowerTracker

Stakeout, Machine Control, As-Built surveys ... I can do it all!

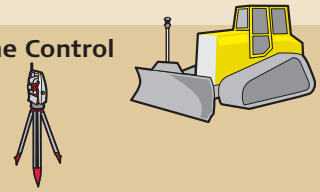
One man robotic



Save Money and increase productivity by working in one man mode.

With industry leading tracking performance and patented Power Search technology PowerTracker will allow you to finish jobs faster and achieve higher accuracies.

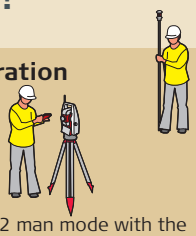
Machine Control



Work to the tightest tolerances under any site conditions.

The extremely high accuracy PowerTracker allows you to carry out fine grading and paving to the tightest tolerances operating at the highest of speeds. Work when and where you want to.

Classic 2 man operation



Tried and tested. Work in 2 man mode with the benefits of the latest technology.

With an extremely intuitive user interface anyone can carry out the most complicated of construction site surveys with a minimum of training.

Specifications	
Distance measuring accuracy (ISO17123-4)	1 mm +1.5 ppm
Angular accuracy (ISO 17123-4)	3" (1.0 mgon) and 5" (1.5 mgon) sensors available
Level Compensation	Centralised Dual axis compensation "Level and Go Functionality"
Range to single prism*	3000 m
Range of ATR mode*	1000 m
Range of Lock mode*	800 m
Measurement frequency	12 Hz Syncronised (0.08 s)
Prism search functionality	Power Search / ATR / EGL / Prediction
Maximum rotation speed	45° per second
Maximum lock speed	5 m/s or 18 km/h
Weight	4.8 kg
Communication	*Bluetooth*® / RS232 Optional 2.4 GHz radio modem
Environmental Specifications	IP54
Working temperature	-20° C to +50° C
Storage temperature	-40° C to +70° C
Data Storage	Compact Flash CFII cards
Laser Plummet	1 mm at 1.5 m

* All measurement specifications are to a standard Leica GRP1 prism under favorable conditions

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

Distance meter (IR), ATR and PowerSearch:
Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1

Leica PowerTracker has your entire site covered. Data capture, control measurements, stakeout, machine control, volume determination and as-built site verification can all be done quickly and easily with the versatile PowerTracker.

Packed with exciting features, built for speed, accuracy, ease of use and reliability PowerTracker will impress all, from first time users to the most experienced surveyors. The PowerTracker will provide you with the perfect tool for your entire construction site positioning needs.

Leica PowerTracker
Tracking sensor

Leica MA 360° Prism
High accuracy target

Leica PowerBox
GNSS Receiver

Leica MNA1202
GNSS Antenna

Leica PowerAntenna
GNSS Receiver

Leica MCP950C
WinCE controller

TQM ISO 9001 / ISO 14001

Total Quality Management –
Our commitment to total customer satisfaction.

Find out more about our TQM program from your local Leica Geosystems representative.

Leica Geosystems AG
Heerbrugg, Switzerland

www.leica-geosystems.com

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