HILTI

Total cost of ownership comparison

Dare to compare.

When contemplating any tool purchase, it is critical to take into account all of the potential costs, including the initial purchase price of the tool and accessories and how much it will cost to own and operate over the long haul. At Hilti we call that the total cost of ownership.

When you dare to compare traditional layout methods or even using competitive tools versus Hilti's portfolio of layout products you will find that we not only outperform, but we do so at the fraction of the price.

So dare to compare your total cost of ownership and schedule an onsite demo today!

Optical Layout Products

POS 15 / 18 Total Station

Features and Applications

- Measures in prism and reflectorless modes
- Easy to use interface
- Horizontal layout for excavation, formwork and anchor points on floors and ceilings
- Vertical layout for facade and wall layout
- As-built, area measurements and reference line applications for all jobsite layout needs

Technical data	POS 15/POS 18
Angle Accuracy	POS 15: 5" POS 18: 3"
Distance Measurement	Reflectorless = up to 1150 ft (350 m) / ± 3 mm + 2 ppm
Telescope Magnification	30x
Display	Color touch screen
Compensator	Dual axis, liquid
Laser class	658 nm, class 3R
Power source	(2) Li-ion 3.8 V, 5.2-Ah
Operating Temperature range	-4˚ F to 122˚ F (– 20˚ C to 50˚ C)

POS 150 / 180 Total Station

Features and Applications

- Fully robotic, one person operation
- Clear touchscreen with easy to use interface
- Easy to follow graphics providing guidance for all layout tasks
- Horizontal layout for excavation, formwork and anchor points on floors and ceilings
- As-built, area measurements and reference line applications for all jobsite layout needs.
- Transfers control lines and points vertically over several floors

Technical data	POS 150/POS 180
Angle Accuracy	POS 150: 5" POS: 180 3"
Distance Measurement	Prism = up to 13,123 ft (4000 m) / ± 2 mm + 2 ppm Reflectorless = up to 1640 ft (500 m) / ± 3 mm + 2 ppm
Telescope Magnification	31x
Display	Monochrome, 96 x 49 pixels Color touch screen (POC 100)
Compensator	Dual axis, liquid
Laser class	658 nm, class 3R
Power source	(1) Li-ion, 11.1 V, 5-Ah (1) Li-ion, 3.8 V, 5.2-Ah
Operating Temperature range	-4˚ F to 122˚ F (– 20˚ C to 50˚ C)

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Hilti. Outperform. Outlast.

Hilti, Inc. (U.S.) 1-800-879-8000 **www.us.hilti.com** • en español 1-800-879-5000
Hilti (Canada) Corp. 1-800-363-4458 **www.hilti.ca**

Total cost of ownership comparison

Initial Costs

	Qty	Traditional	Mechanical	Robotic
Rotating Lasers				
Point Lasers				
Line Lasers				
Tape Measures				
Mechanical Total Stations				
Robotic Total Stations				
Total Initial Costs		$0.00	$0.00	$0.00

Running Cost Per Layout Point

	Traditional	Mechanical	Robotic
Number of workers on a layout crew			
Number of layout crews per project			
Hours worked per week			
Hourly cost per person (including benefits)			
Number of layout points per day (Traditional)			
Number of layout points per day (Mechanical)			
Number of layout points per day (Robotic)			
Total Cost Per Layout Point:	$0.00	$0.00	$0.00

Annual Maintenance Costs

	Days	Traditional	Mechanical	Robotic
Training Costs (per day)				
Ongoing support costs (yearly)				
Calibration costs (per tool)				
Average repair costs (per tool)				
Total Annual Maintenance Costs:		$0.00	$0.00	$0.00

Project Information

	Traditional	Mechanical	Robotic
Total Number of points per project			
Duration of project (months)			
Total Project Layout Costs:	$0.00	$0.00	$0.00

One Year Total Cost of Ownership

	Traditional	Mechanical	Robotic
Total Cost of Ownership:	$0.00	$0.00	$0.00

your@emailaddress.com

Default To automatically fill the default values, use the “Default” button.

Submit When you are ready to submit the form, use the “submit” button.

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