

# Machine Control Station

PS Series



For the toughest requirements,  
reliable and always in action  
for your needs

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# Designed for Machine Control. Superior Technology

## PS-200 Series

The PS-200 is a professional grade robotic total station, designed for toughest Machine Control use cases. exclusive LongLink™ communication, and an incredibly powerful EDM.

### LPS-Setup preinstalled

With LPS-Setup you can get your PS-200 up and running in no time. Load your control points via the integrated USB interface and choose from various stationing options. Your robotic total station is ready for use in just a few minutes and controls your construction machine reliably - in any weather and even in difficult environments.

### PowerTrac™ tracking technology

The revolutionary PowerTrac™ engine dramatically increases power for prism tracking. Employing entirely new optics, laser system, and further advanced algorithms, PowerTrac™ provides the unsurpassed ability to keep tracking a moving prism even under the toughest environmental conditions.

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**LPS-Setup preinstalled**

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**PowerTrac™ tracking technology**

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**Ultra-powerful advanced EDM**

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**Exclusive LongLink™ communications**

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**Advanced angle accuracy**

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**Rugged, waterproof design**



### LongLink™

The exclusive LongLink™ communications functionality in every PS Series model provides operational capabilities never before offered in a robotic total station.



- 1 600 m range  
LongLink™ functionality
- 2 Fast and powerful EDM  
1,000 m non-prism range
- 3 Advanced angle accuracy

- 4 Rugged waterproof/  
dustproof IP65 design
- 5 Easy access USB Type  
A/B flash drive port
- 6 Color TFT QVGA display

- 7 Built-in *Bluetooth*® technology
- 8 Ultra-fast servo motor technology
- 9 PowerTrac™ tracking technology
- 10 Backlit 25 key keyboard and  
directional arrow key





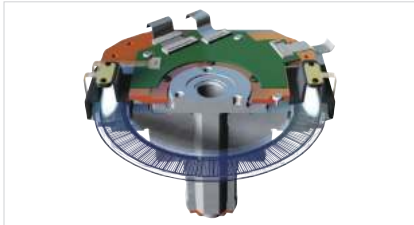
#### **Rugged, waterproof design Ultra-powerful, advanced EDM**

- 6,000 m prism range / 1,000 m non-prism range
- Less than 1-second fine measurement
- Coaxial red laser pointer
- Pinpoint, precise beamspot



#### **Easy access USB 2.0 memory**

- Environmentally protected
- Compatible with industry standard USB memory stick



#### **Advanced angle accuracy**

- Self-calibration
- Proven high accuracy technology
- Angle encoder "Best-in-Class"



#### **Rugged, waterproof design**

- Waterproof/dustproof IP65 design handles the toughest environments
- Magnesium-alloy housing providing stable angle accuracy
- Graphic display and alphanumeric keyboard (standard)



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7010-2385 A 01/23

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[www.5DSolutionsInc.com](http://www.5DSolutionsInc.com) Office: 530.592.3464