

Trimble DPS900 Drilling and Piling System



Trimble offers the heavy civil construction contractor the broadest range of machine control systems in the industry. Trimble systems are rugged, easy to use, fully upgradeable, portable, and flexible to meet a wide range of application and jobsite requirements.

The Trimble® DPS900 Drilling and Piling System allows contractors to perform drilling and piling operations quickly, safely and accurately.

Trimble DPS900 Drilling and Piling System

Configuration	Application
Drilling	Large construction cuts (roads, railways and sites) Aggregate quarries Mining operations Foundations Geological/geotechnical sampling Exploration (oil, gas, mineral or water)
Piling	Structural foundations (bridges and buildings) Retaining walls and coffer dams Solar or wind farm installations

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System Spec Sheet

Key System Features:

- Trimble Zephyr 2 Rugged Antenna
- Trimble SPS855 GNSS Modular Receiver and SPS555H GNSS Heading Add-on Modular Receiver
- Trimble Site Tablet display running DPS900 software
- Trimble JB900 Junction Box - provides clean power, CAN, USB and ethernet communications
- I/O Box – provides depth auto stop and drill steel change monitoring
- Trimble TS900 Tilt Sensor – monitors machine mast for tilt in the pitch and roll axis of the machine
- Depth control sensors – options are available for most common installation types.
- 3-5 cm accuracy



SPS855
SPS555H



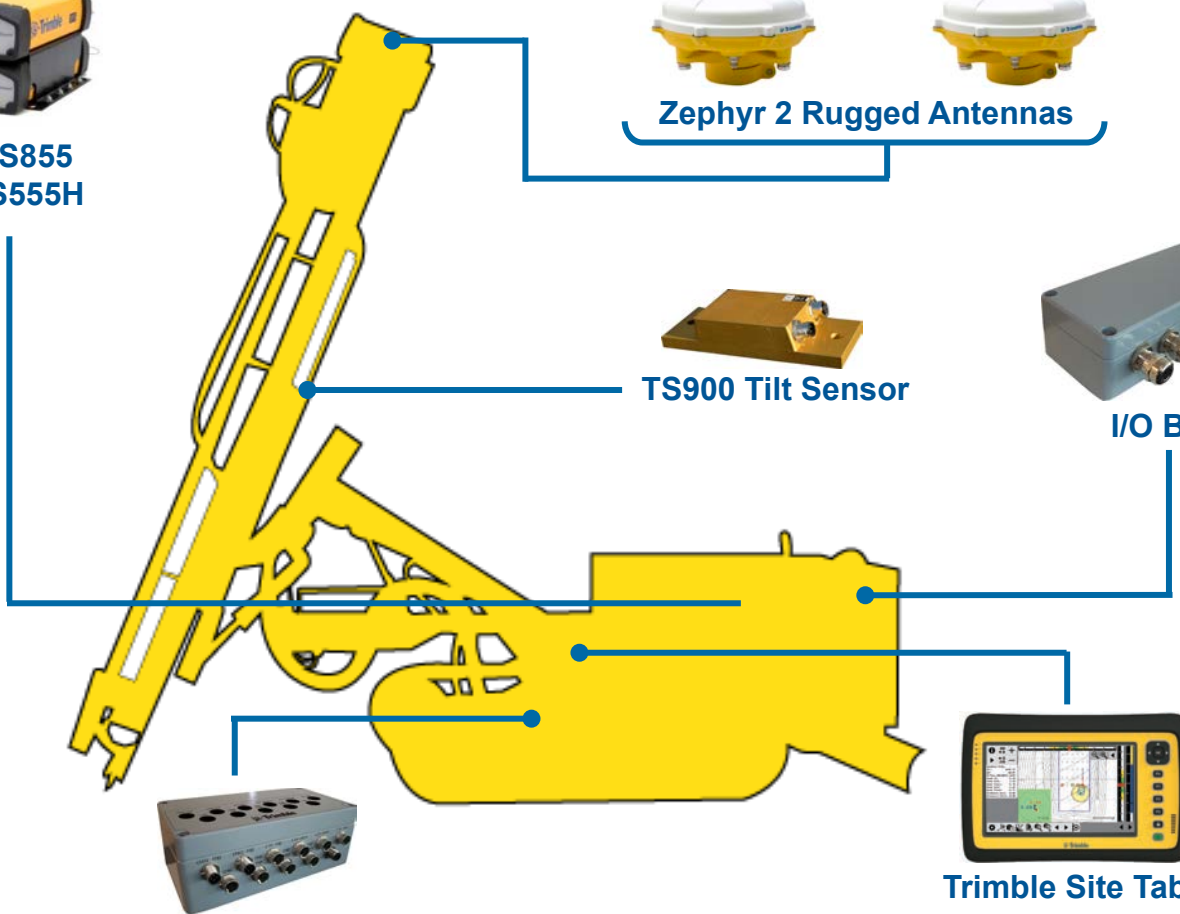
Zephyr 2 Rugged Antennas



TS900 Tilt Sensor



I/O Box



JB900 Junction Box



Trimble Site Tablet

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System Spec Sheet

Depth Sensor Options

- CLD900 Chain Link Drive Depth Sensor
- CRD900 Chain Rotation Drive Depth Sensor
- CDD900 Cable Drive Depth Sensor
- PSD900 Proximity Switch Drive Depth Sensor

Note: Only one sensor type is needed per installation

