



GeoMax X-Pole

When TPS meets GNSS



WORKING SIMULTANEOUSLY WITH TPS AND GNSS

By combining the advantages of both systems, the new GeoMax X-Pole solution significantly improves performance and flexibility on the jobsite. The seamless integration of X-Pole into the X-PAD field software allows a toggle between both measurement modes. Simply decide with the press of a button if

you want to change from TPS to GNSS mode, such as when some points cannot be measured with TPS due to limited prism visibility. Once those points are measured, switch back to TPS mode. This enhances the efficiency of the system since it eliminates the need for cumbersome and time consuming station setups. Zoom70/90's Track360 functionality enables following a moving prism. In case of loss of lock, the X-Pole solution immediately finds the pole position by obtaining the coordinates from the GNSS receiver mounted on top of the prism.

KEY FEATURES

- Simultaneous TPS and GNSS measurements during setup
- Change from TPS to GNSS measurement mode at the press of a button
- TPS and GNSS measurements stored in one common database
- Modular solution to be combined with any GeoMax GNSS receiver
- Flexible upgrade path even for robotic TPS and GNSS systems