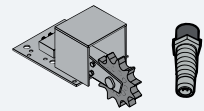


How it works

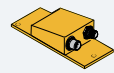
Trimble Groundworks comes complete with reliable hardware certified tough enough to withstand the shock and vibration of drilling machines, and easy-to-use software.



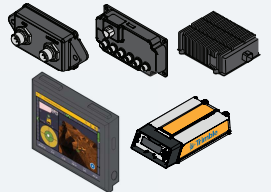
Depth Sensor and Proximity Switch



GNSS Antennas



Tilt Sensor



Trimble Display, GNSS Receiver, CAN to Ethernet Adapter, Ethernet Switch, Power Conditioner (Optional) Modem for cellular or Wi-Fi connectivity



Trimble Groundworks Machine Control System

Optimize production and revenue for drilling, piling and compaction operations



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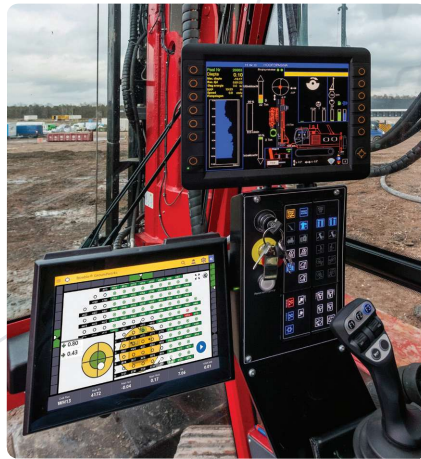


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Stay on target for more profit

The **Trimble® Groundworks Machine Control System** enhances worksite safety, accuracy, and efficiency for your drilling, piling, or compaction operations. All day, every day, in any weather.

Realize maximum production and revenue with the Trimble Groundworks — an aftermarket, land-based, 2D/3D drilling and piling system for the mixed fleet operator.



Benefits

- Stakeless navigation and minimal layout reduces workload, rework, and errors.
- Improve site safety with avoidance zone alerts to reduce the need for personnel near machines.
- Auto stop drills only to the defined elevation.
- 2D workflows enable you to keep working in the event of a loss of GNSS signal.
- In-field drill plan and quality/production reports.
- Limit operator fatigue by reducing paperwork.
- Very high accuracy and precision using RTK positioning, horizontally accurate up to 6 mm (0.02 ft)
- Navigation to inclined or vertical holes/piles from any direction delivers flexible workflow for the operator.
- Log as-built data during operation to keep track of projects.
- Require fewer site visits with optional Wi-Fi® or cellular data-sync back to the office.
- Optimize drill plans for better fragmentation.



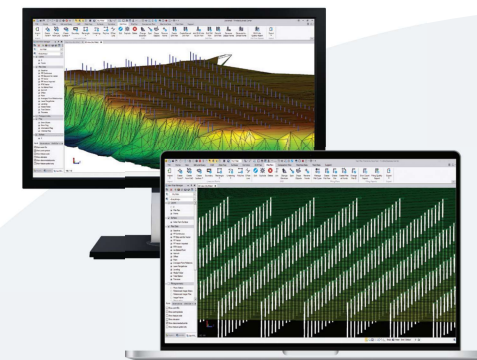
Applications

- Drilling
- Piling
- Solar farm construction
- Blast hole drilling
- Structural piling
- Wick drain installation
- Continuous flight augering (CFA)/auger cast piling
- Anchor/monopile drilling
- Dynamic compaction

Connected construction

Trimble Groundworks is an integrated solution that brings the office and the field together to give you less rework, more productivity, and best of all — more profitability.

- Trimble Business Center creates and manages design data to avoid costly mistakes.
- Trimble Groundworks gathers as-built data so Trimble Business Center can generate accurate quality, production, and utilisation reports.
- Trimble WorksManager Software makes it easy to manage up-to-date connected design data and track all of your fleet assets across multiple project sites.



Office software: Trimble Business Center

Rapidly create optimised 3D drill and piling plans with Trimble Business Center, then generate comprehensive quality and production reports. With Trimble Business Center and Trimble Groundworks, maximising profits has never been easier.



Rugged Trimble
VERSO 12 Display

Clearly see
avoidance zones
for safer worksites



Easy to use,
intuitive interface

Configurable views