

Carlson Grade for Drills



Carlson Machine Control equips both vertical drills and crawler drills with GPS-based systems that guide drill operators to precise location of drill holes, guiding them on depth and elevation in real-time. Site Supervisors have a complete view from within the office using Carlson Command.

- Flexible, easy-to-use, and easy-to-learn
- Consistent UI across all machines
- Multiple view options: profile, section, and plan
- Peer-to-peer communication and information sharing
- Ready for a single machine or complete fleet
- Features CAD importation capability
- Real-time machine view
- NTRIP and VRS compatible
- Troubleshooting capability from anywhere in the world

**Experts in Machine Control
Applications since 1996**

- Mining - Landfill - Piling - Dredging -
- Construction - Contract Drilling -
- Custom Applications -

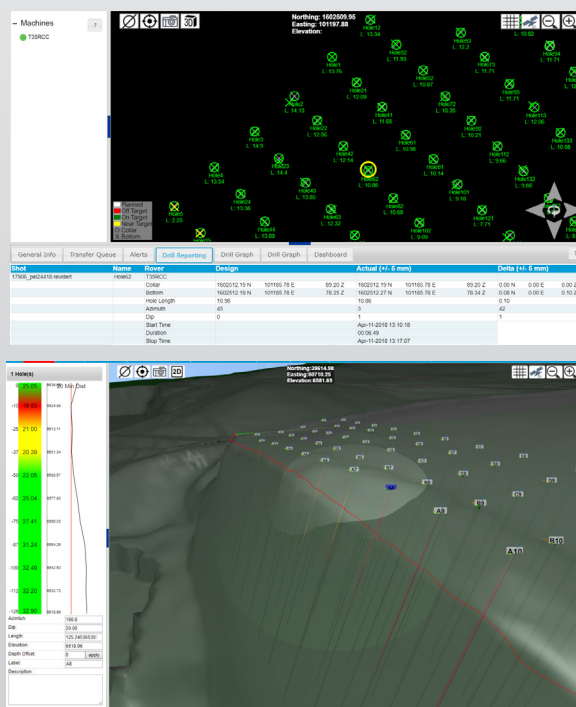
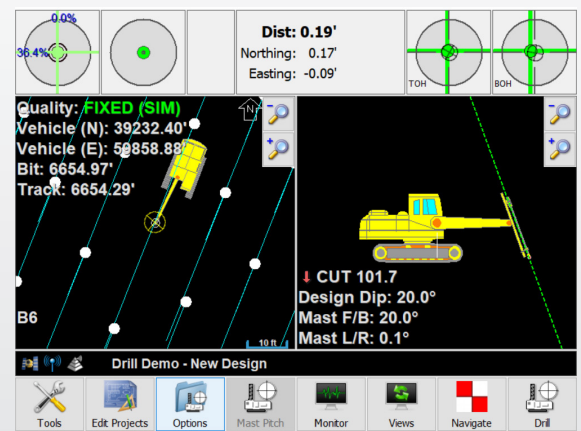
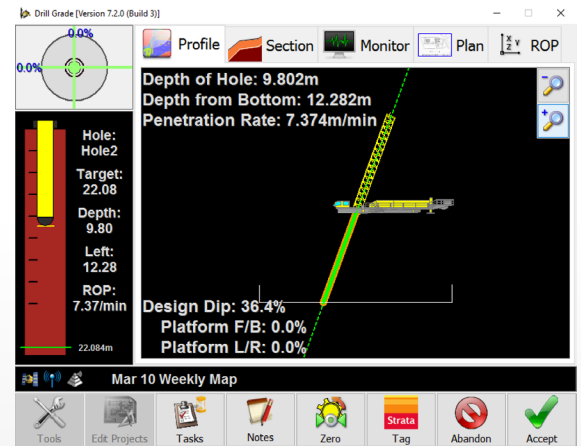


Improve Site Safety and Reduce Incidents

- Increase operator situational awareness through proximity warnings between machines and fixed assets
- Increase operator awareness by utilizing 2D and 3D watch zones and warning zones
- Increase safety for surveyors and engineers by reducing survey time in the field

Real-Time, GPS-based Software and Technology Solution for Drills

- Complete view of drill pattern layout
- Accurate hole navigation
- Elevation and hole depth indication
- Synchronization with existing onboard systems
- Options for hole tagging for blasting engineers
- Works with Atlas Copco, FlexiROC, SmartROC, PowerROC, and more



Carlson Command

Carlson Command allows supervisors to view activity in the field, in real-time. Supervisors can view single machines, multiple machines, or the entire site from the office. Command features communication capability with machines and project assignment. Generate reports and analyze productivity all on Command.

- Productivity analysis
- Data management of single or multiple sites
- Direct machine to machine communication and data sharing with live and historical 3D machine playback
- Check downtime and idle time
- Full cut/fill color map with real-time surface updates
- Create and customize tasks, delays and down codes