

Carlson Grade for Drills



Features

- Compatible with 3GSM BlastMetriX 3D Blast Design software
- Flexible and easy to use interface
- Multiple view options available in profile, section and plan
- Directly import from open CAD and Carlson plat forms
- DWG, DXF, TN3, GC3, LN3, TIN, GRD
- Track machine utilization, downs and delays
- NTRIP and VRS compatible
- Able to handle large surface files
- Real-time machine system view and troubleshooting capability from anywhere in the world
- Peer to peer communication and information sharing capability between all machines
- Works as a stand alone system or as part of a fleet environment with multiple machines

**Experts in Machine Control
Applications since 1996**
- Mining - Landfill - Piling - Dredging -
- Construction - Contract Drilling -
- Custom Applications -

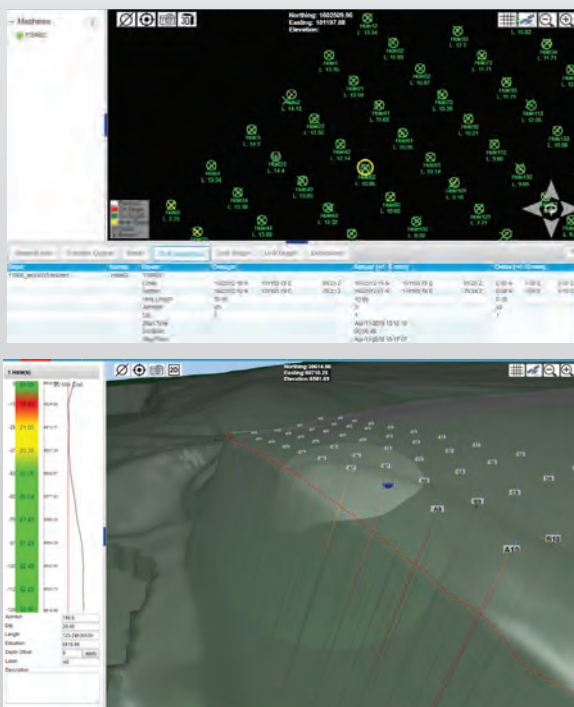
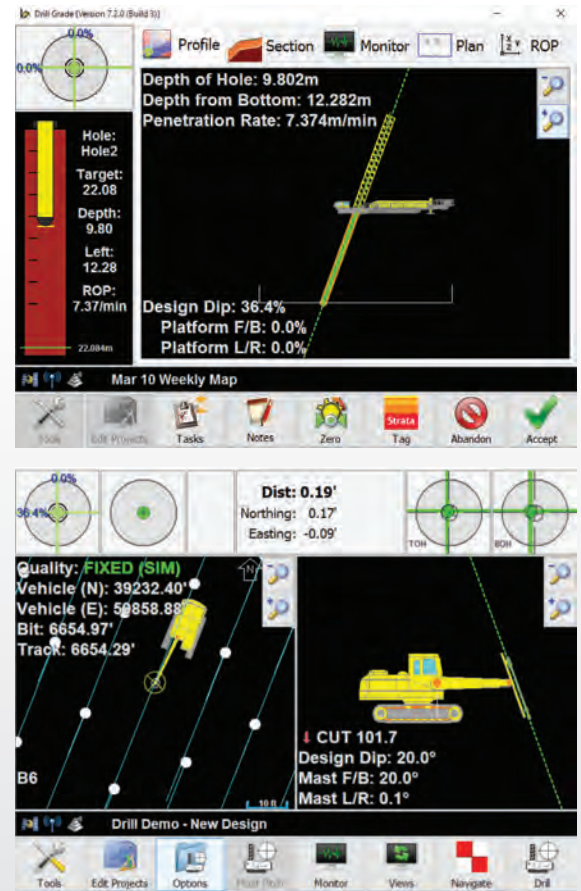


Safety Benefits

- 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

Benefits

- Operator drill pattern layout in field
- Navigate to hole more accurately
- Drill to elevation or depth with accuracy
- Reduce survey costs
- Interface to various equipment on-board systems
 - Atlas Copco – FlexiRoc, SmartRoc, T30
 - Sandvik – TIM 6700
 - BBURG Drill Interface



Carlson Command

A comprehensive data storage and control software package that gives management and engineering a view of what is happening in real-time by moving pit maps, dashboards, and KPI screens. All information is stored for real time and port process reporting and analysis as well as playback of events.

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

