DEI+
Drill Monitoring

Drill Screens

THE DEI PLUS PROVIDES THE DRILL OPERATOR WITH INFORMATION TO ENHANCE BOTH OPERATOR AND DRILL PERFORMANCE.

The DEI Plus uses the latest in display technology to provide an extremely rugged, sunlight-readable, crisp display. The DEI Plus design technology allows it to store data and conduct extensive on-board calculations. The system has built-in diagnostics and troubleshooting to provide ease of use and training.

DEI PLUS FEATURES

Drill Screen
Provides the operator with Depth, Rate of Penetration, Target Depth, Drill Time and Estimated Time to Complete the Hole.

ROP Graph
ROP plot helps operator to optimize drilling, and identify the depth of hard or soft zones, or the location of coal seams.

Pipe-in-Hole
This unique warning feature can prevent drill component damage caused by tramming while drill pipe is still in the hole.

Current Shift and Production Statistics
The DEI accumulates shift and overall production information including: Total Number of Holes, Total Depth, Total Drill Time, Average Hole Depth, Average ROP, and Average Hole Drilling Times

Drill Leveling and Mast Angle
An optional dual axis inclinometer can be added to the DEI Plus. This will assist the operator in accurately leveling the drill and insuring the mast is at the specified angle for cast blasting.

OTHER DEI PLUS FEATURES/SCREENS INCLUDE

- Target depth settings
- ROP and depth alarms
- Built-in calibration instruction
- Diagnostics and troubleshooting
- Help screens
- Spare parts lists

Thunderbird Mining Systems

Keep an Eye on Your Drilling and Blasting