



ELECTRIC ROPE SHOVEL

REAL TRAINING VALUE IN A PC-BASED SIMULATOR

- ▶ Pre-screen trainees for operator aptitude
- ▶ Prepare trainees for real seat-time
- ▶ Upgrade skills to meet higher standards
- ▶ Promote the trade to aid recruitment



Simply install the simulation software and connect the USB simulator controls!

TABLE-TOP MOUNTING

KEY BENEFITS:

- Realistic 2-button controls with push buttons for the thumb and index fingers
- Easy to assemble and USB-ready
- Light weight and portable
- Ability to create your own operator chair

Simlog's Electric Rope Shovel Personal Simulator puts trainees at the controls of a realistic Electric Rope Shovel at work in a typical mine site, with a built-in interactive Mining Truck.

Training efficiency is delivered through a modular Instructional Design that teaches real skills for productive and safe equipment operations in the field.

8 SIMULATION MODULES OF INCREASING DIFFICULTY

- Controls Familiarization
- Shovel Positioning
- Following Grade
- Single-Pass Digging
- Cab-side Dumping
- Blind-side Dumping
- Cab-side Loading
- Blind-side Loading

AUTOMATIC PERFORMANCE MEASUREMENT

For each Simulation Module, comprehensive Performance Indicators measure the quality and productivity of students' work. The simulation software automatically tracks and reports Simulation Results. Students can train unsupervised and learn at their own pace!

TEACH REAL-WORLD OPERATING SKILLS



Controlling the dipper by following a straight-line trajectory



Positioning under full-load conditions for dumping into a Mining Truck

OBJECTIVE SIMULATION RESULTS

28 Performance Indicators are precisely measured, including:

- Execution Time
- Total swing angle while digging
- Mass of material dumped into truck
- Dipper fill percentage