DRILL JUMBO PERSONAL SIMULATOR

REAL TRAINING VALUE IN A PC-BASED SIMULATOR

▶ Pre-screen trainees for operator aptitude

▶ Prepare students 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!
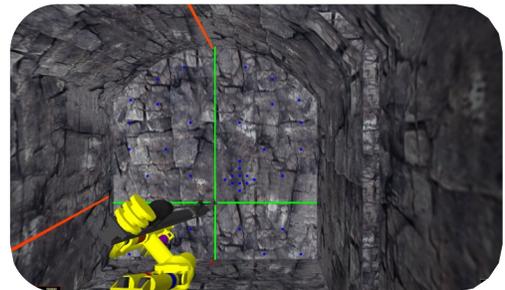
Simlog's Drill Jumbo Personal Simulator puts trainees at the controls of a modern twin boom Drill Jumbo in an underground mining tunnel (drift).

Training efficiency is delivered through a modular Instructional Design that teaches real skills for productive and safe equipment operations in the field.
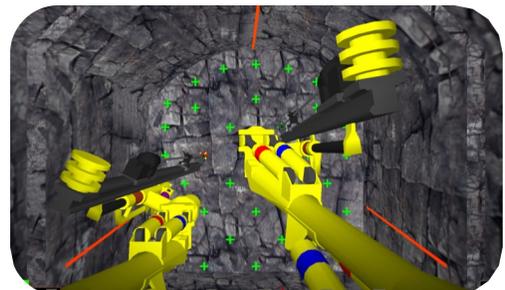
TEACH REAL-WORLD OPERATING SKILLS

6 SIMULATION MODULES OF INCREASING DIFFICULTY

- Drill steel alignment with an angled target
- Drill steel alignment with laser lines
- Dual-boom, multiple hole drilling
- Dual-boom, multiple hole drilling 2
- Round drilling
- Single boom cross cutting

Drilling single stope holes using a single boom, grade and laser lines

Drilling a complete round using two booms, grade and back line orientation cues

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!

OBJECTIVE SIMULATION RESULTS

10 Performance Indicators are precisely measured, including:

- Execution time
- Grade deviation
- Drift collisions
- Vertical deviation at the collar

A CHOICE OF SIMULATOR CONTROLS

JOYSTICK-STYLE OEM CONTROLS

A realistic simulation experience featuring real control handles

KEY BENEFITS:

- Control handles from Atlas Copco's "Rig Control System" (RCS)
- Light weight and portable
- Ability to create your own operator chair

LEVER-STYLE REPLICA CONTROLS

The most cost-effective option featuring industrial-strength controls

KEY BENEFITS:

- Reproduction of Atlas Copco's "Direct Control System" (DCS) operator controls
- Easy to assemble and USB-ready
- Light weight and portable
- Ability to create your own operator chair

OPTIONAL SIMULATION MANAGER

Add the efficiency of a central database for keeping track of Simulation Results. A single Simulation Manager is compatible with all Personal Simulators – whether on a single station or networked lab.

- Control user access to all Personal Simulators
- Organize training into learning groups/classes
- Review Simulation Results from an instructor station
- Share Simulation Results with remote locations

TECH-LABS
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