SIMLOG

The Standard in Cost-Effective Simulation for Training Heavy Equipment Operators



WHEEL LOADER 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 Wheel Loader Personal Simulator puts students at the controls of a modern Wheel Loader in interaction with a built-in Off-Highway Truck. The virtual quarry features challenging driving scenarios, and dynamic terrain with life-like boulders in the digging zones.

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
- Corridor Driving - Wide
- Corridor Driving - Narrow
- Bucket Placement
- Stockpiling
- Truck Loading
- Load & Carry
- Truck Loading with Spotting

TEACH REAL-WORLD OPERATING SKILLS



Positioning the bucket within a target



Loading an interactive Off-Highway Truck

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

45 Performance Indicators are precisely measured, including:

- Execution time
- Mass of material spilled between digging & dumping
- Time spent with bucket in digging zone
- Productivity of digging and dumping material

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A CHOICE OF SIMULATOR CONTROLS

TABLE-TOP MOUNTING

The most cost-effective option featuring industrial-strength controls



KEY BENEFITS:

- Easy to assemble and USB-ready
- Light weight and portable
- Ability to create your own operator chair
- Multi-Purpose Replica Controls & Pedals
- Stick-steering or steering wheel steering

OPERATOR CHAIR WITH INDUSTRIAL CONTROLS

A superior simulation experience with an authentic operator seat



KEY BENEFITS:

- Fully assembled and USB-ready
- Steel platform on casters
- Adjustable seat, steering and arm consoles
- Multi-purpose configurations
- Stick-steering or steering wheel steering

DEDICATED OR MULTI-PURPOSE STATIONS

Simlog's unique Replica Controls can be used with many Personal Simulators, including:

- Hydraulic Excavator
- Bulldozer
- Tower Crane
- Mobile Crane

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

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Contact us or your local reseller for a quotation!



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