SIMLOG

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

TOWER CRANE 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 Tower Crane Personal Simulator puts trainees at the controls of a modern freestanding top-slewing tower crane with trolley jib. The virtual worksite is set in a typical construction environment and features terrain with a variety of loads and hook blocks for training.

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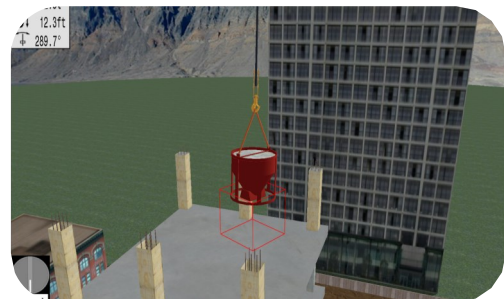
TEACH REAL-WORLD OPERATING SKILLS

Positioning girders at target positions as part of steel erection

6 SIMULATION MODULES OF INCREASING DIFFICULTY

- Load Control 1
- Load Control 2
- Executing Lifts
- Steel Erection
- Concrete Bucket Placement
- Form Following

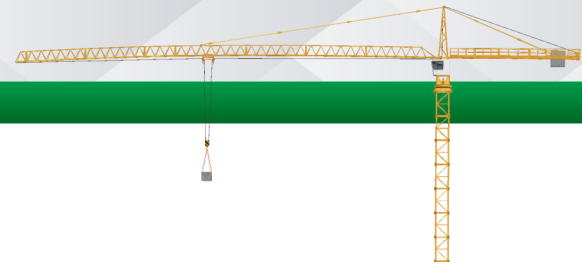Mastering load movement by positioning concrete buckets at target positions

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
- Maximum height error
- Maximum lateral distance error
- Fatal Error when Load Chart capacities are exceeded

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

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

DEDICATED OR MULTI-PURPOSE STATIONS

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

- Mobile Crane
- Hydraulic Excavator
- Bulldozer
- Wheel Loader

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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