MOBILE CRANE PERSONAL SIMULATOR
(Advanced Edition)

KEY FEATURES

▶ Highly realistic simulation graphics and physics

▶ 14 Simulation Modules of increasing difficulty

▶ Lift planning Module that requires a solid understanding of load charts

▶ Signal Person training exercises

▶ 44 Performance Indicators to comprehensively evaluate the simulated work

▶ Configuration parameters for boom deflection, automatic swing brake, and different wind conditions
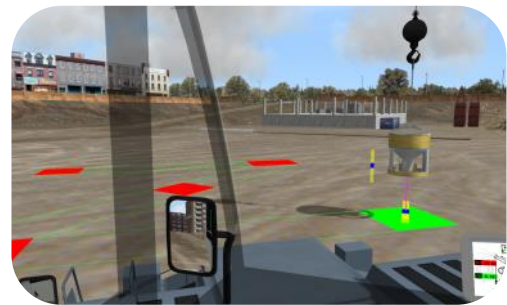
Simlog's Mobile Crane Personal Simulator (Advanced Edition) puts trainees at the controls of a modern rough-terrain mobile crane equipped with a telescoping boom with deflection, a jib, and a realistic dashboard. The virtual worksite is set in a construction environment with a variety of loads and hook blocks for training.

Training efficiency is delivered through a modular Instructional Design that teaches real skills for productive and safe equipment operations. Advanced Edition features lift planning exercises that require a solid understanding of load charts and Signal Person training, i.e. learning to provide appropriate signals to the crane operator (to complete a lift), while at the same time teaching that crane operator to understand and follow those signals.

14 SIMULATION MODULES OF INCREASING DIFFICULTY

- Controls Familiarization
- Hookblock Control 1 and 2
- Pole Topping
- Corridor Following 1, 2, 3 and 4
- Executing Lifts
- Pole Placement
- Concrete Pouring 1 and 2
- Pick, Lift and Place
- Signaling

TEACH REAL-WORLD OPERATING SKILLS

Moving a concrete bucket along a three-part, "Z-shaped" trajectory

Signal Person Views
A fixed view of the lift area, with the crane, load and target visible.
A dynamic view that follows the movement of the load.

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KEY PERFORMANCE INDICATORS

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

44 Performance Indicators are precisely measured, including:

- Execution time
- Maximum load sway
- Number of load/obstacle collisions
- Fatal Error when Load Chart limits are exceeded

SIMULATOR CONTROLS

TABLETOP MOUNTING
The most cost-effective option featuring Joystick Style or Level Style controls

Simulator controls are USB-ready, OEM-neutral, and can be multi-purposed between many of our Personal Simulators

OPERATOR CHAIR
A superior simulation experience with an authentic operator seat. Shown here with 4 Displays (One for the Signal Person) using just one PC.

Fully adjustable seat and arm consoles, with multi-purpose Joysticks or Levers

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

MOBILE CRANE PERSONAL SIMULATOR STANDARD EDITION

To address basic operator training needs, Simlog also offers a Standard Software Edition that provides reduced functionality at a lower price. To learn more, please contact Simlog.

Contact us or your local reseller for a quotation!

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