

## 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

#### 6 SIMULATION MODULES OF INCREASING DIFFICULTY

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



Positioning girders at target positions as part of steel erection



Mastering load movement by positioning concrete buckets at target positions

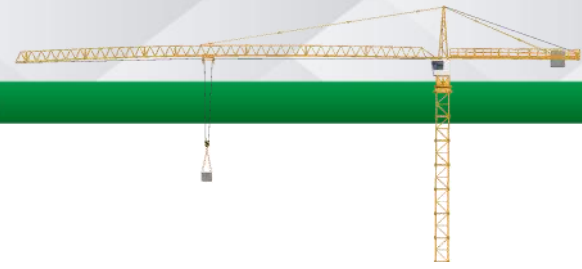
### AUTOMATIC PERFORMANCE MEASUREMENT

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



**REPRESENTED BY:**  
AllegHENY Educational Systems, Inc.  
320 East 3rd Avenue  
Tarentum, PA 15084  
Phone: 800-232-7600  
[www.allegHENYedusys.com](http://www.allegHENYedusys.com)

Contact us or your local reseller for a quotation!

