

CRANE SIMULATOR PLATFORMS ADVANCED SYSTEM

GlobalSim™



Advanced Crane Simulator

Our Advanced simulators are among the biggest and best crane simulators in the world and feature 6-DOF (Degree-of-Freedom) motion systems that can accurately simulate any crane model in our library. The platform is available in either a flat panel or dome configuration and can be customized, tailored, or configured as necessary.

Full Training Options

The Advanced platform includes the Instructor's Station which is typically situated nearby or in an adjacent room. The Instructor's station enables the administrator or trainer to change environmental conditions, adjust settings, add-edit-or-modify scenarios, and much more.

Configuration Options

In the flat panel configuration the Advanced is often used to simulate Straddle Carriers but can accommodate other crane models as well. It is typically configured with 8 – 12 flat panel LED monitors mounted to an industrial strength frame. It is designed to withstand the movements of the motion platform, which is most often mounted below the operator cabin.

Authentic Cabin Design

The Advanced is often constructed in a building or facility specifically designed to house the simulator. The Advanced enclosed simulator provides not only incredible realism, but also unrivaled depth perception that cannot be replicated with entry-level simulators. and also in Casablanca-which currently enjoys the largest crane simulator in the world.

Software Models Configured With The Advanced System:

- » STS
- » RTG
- » RMG/Intermodal
- » Ship Pedestal
- » Reach Stacker
- » RoRo Operations
- » Container Handler
- » Atlas II Telehandler Forklift
- » MMV Telehandler Forklift
- » Excavator
- » Front Loader
- » Dozer
- » Grader
- » Scraper
- » Mobile Lattice
- » Tower Crane
- » All Terrain Crane
- » Rough Terrain Crane
- » -Overhead Bridge Crane (cabin)



Instructor Station & Computer Rack

- » Instructor Station requires a cleared area of 6 ft (1.83 m) x 8 ft (2.4 m). No special floor loading
- » The computer rack for system has a footprint of approximately one (1) square meter

Electrical Requirements

- » Requires one (1) electrical circuit with the following characteristics:
 - > 220 VAC
 - > 40 amps
 - > 50/60 Hz
 - > Grounded, single phase

Cooling Requirements

- » Customer is required to install an HVAC unit in the simulator facility (and equipment rooms, if separated) sufficient to maintain a constant 70° F (21 ° Celsius) ambient temperature
- » Place simulator in an environment with less than 50% non-condensing relative humidity.
- » Heat generated by the entire system is 12,000 BTU (3440 watts).



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