

PORT CRANE SIMULATION Rail-Mounted-Gantry (RMG)

GlobalSim™



True to Life

The Rail-Mounted-Gantry crane is used for stacking containers within the stacking yards of a container terminal. The RMG crane model simulates a crane, and the arena represents the APC RMG stacking yard. The image above shows the RMG crane as viewed from the SiD.

Get the Full Picture

The GlobalSim RTG training simulator delivers real world results to your training program. It is designed to help students meet training objectives in a realistic environment. Crane operator's are able to practice typical operations such as, lift, move, stack, or unstack various containers.

Full Training Options

GlobalSim's exclusive scenario editor gives instructors the ability to build and customize challenging courses. The instructor may control the weather, load placement, and many other factors in order to teach and train proper execution of safe operation in any situation.

Flexible Hardware Options

GlobalSim's advanced simulation systems offer the most realistic virtual training available. With several hardware configurations to choose from and the option of interchangeable control consoles, GlobalSim can provide a training solution for specific or generic material handling equipment.

Product Features

- » Based on Hilgers RMG double-cantilevered container stacking crane
- » Full crane dynamic model, collision model, and visual model
- » RMG hardware control consoles
- » Steer near/steer far capability by twisting left joystick
- » Simultaneous hoisting and driving.
- » Full-featured student station with real controls matching the actual equipment
- » Motion system providing correct cues for advanced training
- » High fidelity sound system
- » Instructor station application for monitoring and controlling training sessions
- » Scenario editor for creating an unlimited number of new exercises
- » Training Management System for storing performance records and evaluating improvement
- » After Action Review Application for training session feedback
- » Self-paced curriculum enabling higher student to instructor ratio
- » Integrated SimFusion enabling multiple simulators to work together

