

## PORT CRANE SIMULATION Ship-To-Shore (STS)

GlobalSim™



### True to Life

The GlobalSim Ship-To-Shore (STS) crane simulator is designed to move any combination of standard 20-foot and 40-foot containers on and off container cargo ships. It can operate in a custom arena that has a quay area, a large container stacking area, and a truck loading and unloading area.

### 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.

### Get the Full Picture

The simulated STS crane moves side-to-side, parallel to the face of the dock. The crane can travel the full length of the rails while the operator views the traffic lanes behind and below the crane. The trolley is the part of the STS that moves between the dock and the ship and has the operator cab attached to it.

### Flexible Hardware Options

With several hardware configurations to choose from and the option of interchangeable control consoles. The STS simulator is best on our Full Mission System. GlobalSim can provide a training solution for specific or generic material handling port equipment.

## Product Features

- » Rail gauge: 90 feet (30 meters)
- » Waterside boom outreach from the centerline of waterside rail to trolley normal stop position: 200 feet
- » Landside boom back reach from the centerline of landside rail to trolley normal stop position: 80 feet
- » The width of the crane with gantry bumpers compressed: 88.5 feet
- » Width between crane legs: 60.0 feet
- » Height to top of waterside sill beam: 22.3 feet
- » Portal beam clearance: 52.2 feet
- » Height from top of rail to bottom of spreader bar fully raised: 135 feet (Kone 30m)
- » Total lift height: 180 feet
- » The distance between the centerline of spreader bar head blocks: 15.9 feet
- » The width of the waterside boom: 31.1 feet
- » Self-paced curriculum enabling higher student to instructor ratio

