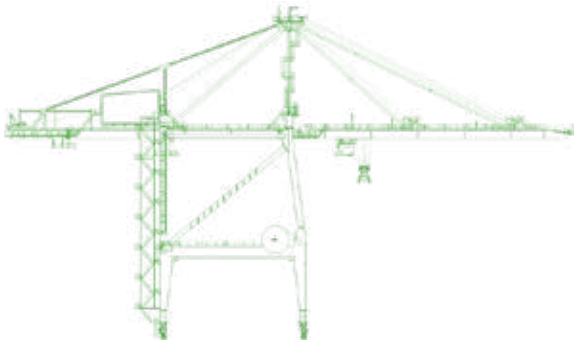


# Ship-To-Shore Crane Simulator Training Pack



## Simulated Equipment Specs

### Single spreader

**Outreach (water side):** 50 m – 72 m

**Backreach (land side):** 20 m – 26 m

**Spreader height above rail:** 38 m – 50 m

## Overview

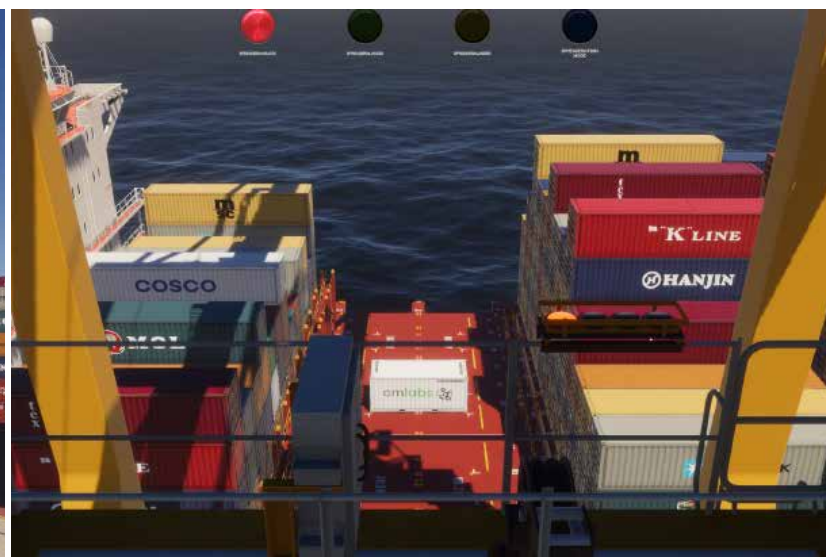
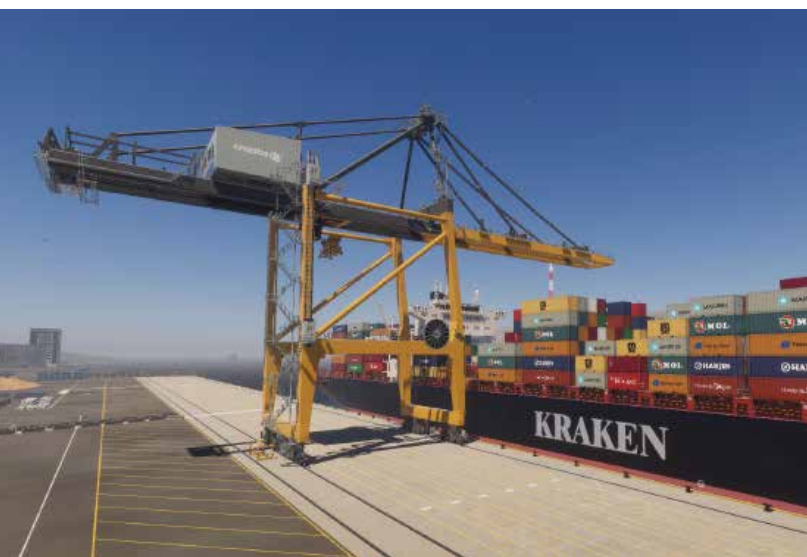
The Intellia Ship-To-Shore (STS) Crane Simulator Training Pack is a complete learning solution that replicates, in high detail, the challenges of operating in realistic conditions. Through its detailed curriculum, the training pack is designed to help operators develop the skills they need to master efficient dockside crane operations, from controls familiarization to working with cell guides and blind pockets. With this training pack, trainees learn to operate a simulated spreader that locks onto 20-foot, 40-foot, 45-foot, and twin 20-foot containers, as well as manage multiple crane sizes, including Post-Panamax, Ultra Post-Panamax, and MegaMax.

## Key Features & Benefits

**Instant record and replay** allows instructors to review lessons immediately after completion for quick and easy corrective training.

**Exercise Builder** allows instructors to make unlimited exercises that recreate the specific scenarios that suit their training needs.

**Best-in-class crane, cable, and lifting simulation** ensures trainees learn how the crane works and what is required for efficient operations.



## A Complete Training Solution

Rigorously field-tested by experienced operators and trainers, the Ship-To-Shore Crane Simulator Training Pack utilizes CM Labs' renowned core technology to offer the most realistic training on the market. In this ultra-realistic, risk-free operating environment, operators can safely practice in a wide range of weather conditions (wind, rain, snow, fog) and at various times of day (morning, day, night). The training pack includes operational flippers and twistlocks, and can also help trainees learn how to manage chain lifts and an over-height frame. Operators can control the spreader using trim, list, and skew functions, and view status lights that display twistlock status and whether the spreader is properly landed. The training pack includes lane configurations optimized for both ITV and straddle carrier operations, offering ports the flexibility to train for either delivery method.

Trainers can also take lessons to the next level with Intellia's suite of instructor support tools, which offer next-generation reporting, trainee monitoring, and custom learning path planning features. Trainers can use Intellia Instructor to introduce specific challenges at any time, including challenging weather conditions, terminal congestion, overloaded containers, twistlock malfunctions, container snags, and other issues that challenge a trainee's ability to react appropriately. They can also use Intellia Instructor to easily evaluate trainee progress with performance indicators that track aptitude in three key categories: safety, productivity, and quality.

## Dedicated to Your Training Success

CM Labs' simulators are built to last and designed for years of 24/7 operator training. The training packs are compatible with various hardware configurations, designed to fit your budget, space, and specific training needs. Choose from:

- Portable **Trainer** desktop series
- Fully immersive **Advantage** series
- Premium **Master** and **MasterCab** series

## Learning Outcomes

- ✓ Controls familiarization
- ✓ Handling of 20-ft, 40-ft, 45-ft, and twin containers
- ✓ Controlling load pendulum
- ✓ Working below deck with cell guides
- ✓ Operating in confined spaces and blind pockets
- ✓ Working with out-of-gauge containers and breakbulk
- ✓ Moving cargo to various delivery vehicles

## Performance Metrics

The training pack tracks over 20 different metrics, including:

- ✓ Number of collisions (crane, load, or spreader)
- ✓ Moves per hour
- ✓ Bypass usage
- ✓ Flipper usage
- ✓ Rope slack
- ✓ Gantry, hoist, and trolley direction change averages
- ✓ Unsafe operations
- ✓ Aggressive landings

## Compatible Industry-Grade Controls

- ✓ Standard STS Joysticks
- ✓ Custom Joysticks
- ✓ Custom foot pedal controls