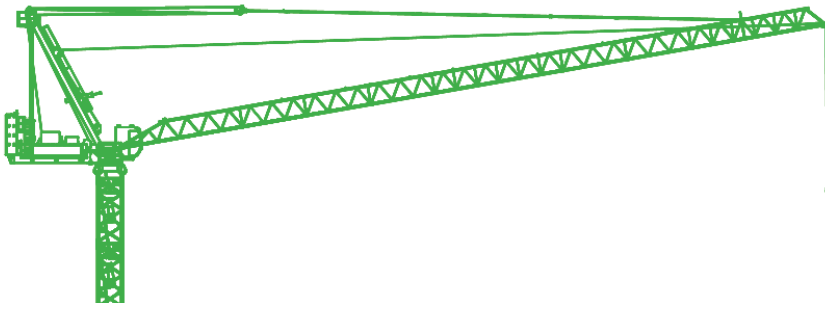


# Luffing Tower Crane Simulator Training Pack



## Simulated Equipment Specs

**Maximum capacity:** 12 t (13.2 US t)

**Maximum jib length:** 50 m (164 ft)

**Tower height:** 43.7 m to 70.4 m (143 ft to 231 ft)

**Capacity at maximum radius:** 3.6 t (3.97 US t)

**Part-of-line:** 2 and 4

## Overview

From hook and load management to complex blind lifts, operators who train with the Intellia Luffing Tower Crane Simulator Training Pack develop the skills, coordination, and worksite awareness they need to master safe lift operations. With the Luffing Tower Crane Simulator Training Pack, operators gain valuable experience in safe lifting operations, with no wear and tear to real equipment and no risk to themselves or others. Operators build real skills faster than they would with traditional training alone, while organizations save instructor time and reduce costs.

## Key Features & Benefits

### A progressive learning program

covering basic skills and more advanced lifts, including hook and load control and working at height with various load types.

### Performance metrics and

**reporting** that provide students with the feedback they need on their skills.

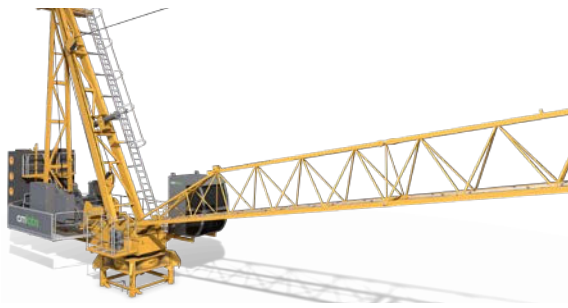
### Best-in-class luffing tower crane

**simulation** that behaves just like the real thing and ensures real skills development.



## A Complete Training Solution

The Luffing Tower Crane Simulator Training Pack provides the most realistic simulation-based training on the market for this equipment type. All rigging and hoisting cables are simulated from the load to the drum using actual engineering properties, so that they behave appropriately as lines are placed under tension or the load is released. This means that all loads pendulum, snag, and collide just as they would in the real world, providing valuable experience to students without endangering them or others. Just as in real life, the simulated mast and jib bend and torque according to the weight of the load, dynamic movements, and actual crane characteristics. Cables will also collide with worksite obstructions and the crane boom if improperly handled. This ensures that trainees can transfer their skills directly from the simulator to the real world.



Trainers can 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. The training pack can also be supplemented with CM Labs' optional add-on modules, including signalperson training, designed to address specific needs.

## 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 **Edge Plus** desktop series
- Compact motion-enabled **Edge Max** series
- Fully immersive **Advantage** series

## Learning Outcomes

- ✓ Controls familiarization
- ✓ LMI configuration and alarms
- ✓ Hook and load management and pendulum control
- ✓ Unloading materials on the worksite
- ✓ Moving loads within the building site
- ✓ Erecting steel structures and concrete panels
- ✓ Working at different mast heights
- ✓ Practice CCO and CPCS test courses

## Performance Metrics

The training pack tracks over 20 different metrics, including:

- ✓ Tasks completed and time
- ✓ Pendulums and load or hook collisions
- ✓ Rough load handling
- ✓ CCO test violations

## Compatible Industry-Grade Controls

- ✓ Industry-grade joystick controls