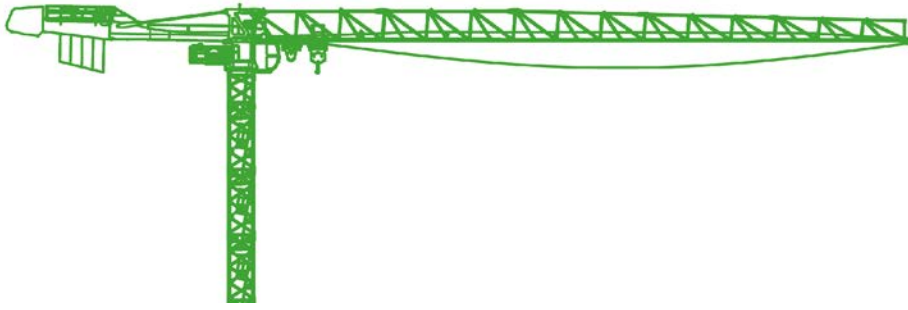


Flat-Top Tower Crane Simulator Training Pack



Simulated Equipment Specs

- Maximum capacity:** 12 t (13.2 USt)
- 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 USt)
- Part-of-line:** 2 and 4

Overview

From hook and load management to complex blind lifts, operators who train with the Intellia Flat-Top Tower Crane Simulator Training Pack develop the skills, coordination, and worksite awareness they need to master safe lift operations. With the Flat-Top 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 essential skills such as hook and load control, working at height with various load types, and more advanced lifts.

Performance metrics and reporting that provide students with crucial feedback on their skills.

Best-in-class crane simulation that behaves just like a real crane and ensures real skills development.



A Complete Training Solution

The Intellia Flat-Top Tower Crane Simulator Training Pack provides the most realistic simulation-based training for tower crane operation on the market. Just as they do in real life, the simulated mast and jib bend and torque according to the weight of the load, dynamic movements, and actual crane characteristics. 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. Cables will collide with worksite obstructions and the crane boom. 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

- ✓ Understand the controls, startup, and shutdown
- ✓ LMI configuration and alarms
- ✓ Hook and load management and pendulum control
- ✓ Work in adverse wind and weather
- ✓ Unload materials on the worksite
- ✓ Move loads within the building site
- ✓ Erect steel structures and concrete panels
- ✓ Change part of line with pulley block
- ✓ Work at different heights and longer hook lines
- ✓ Practice CCO zig-zag corridor and barrel 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