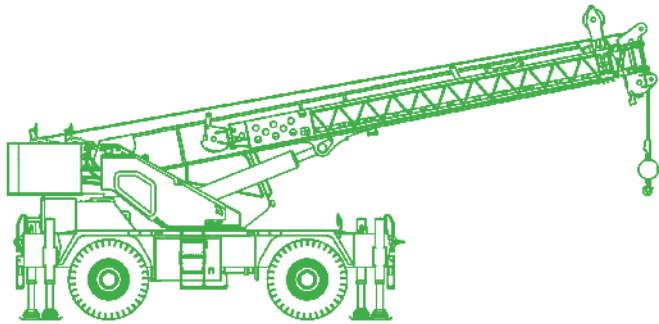


Rough Terrain Crane Simulator Training Pack



Simulated Equipment Specs

- Lifting capacity:** 35 t (40 US t)
- Boom length:** 9.8–31.0 m (32–102 ft)
- Maximum working radius:** 28 m (95 ft)
- Engine power:** 119 kW (160 hp)

Overview

The Intellia Rough Terrain Crane Simulator Training Pack is a complete training tool covering the entire lift process, from lift plans and controls familiarization to complex lifts, such as lifting steel structures, working in buildings, and working around power lines. From hook and load management to working in confined spaces, this rough terrain crane training, also referred to as mobile crane training, allows operators to develop the skills, coordination, and worksite awareness they need for safe lift operations. The training pack also allows operators to safely explore the capacity and limits of equipment, which can be dangerous to do in the real world.

Key Features & Benefits

A progressive learning program covering basic operating skills such as hook and load control, work in confined spaces, and more advanced lifts.

Detailed performance metrics and reporting that provide trainees with feedback on their skills.

Best-in-class lifting simulation that provides realistic crane and lifting behavior, ensuring the development of skills that transfer to the real equipment.



A Complete Training Solution

The Rough Terrain Crane Simulator Training Pack incorporates CM Labs' renowned core technology, carefully crafted over 25+ years and comprised of proprietary and patented algorithms. This high-fidelity real-time physics engine includes a mechanical engineering layer with multi-body constraints, transmission, tire models, cables, and other real-time simulation features that are unique on the market. This results in training that's based on real data and real machines, and that delivers the most transferable operator skills anywhere, outside of the real equipment. Novices learn the fundamentals of load charts,



complex lifts, and selecting and using different parts-of-line. They'll also learn the fundamentals of safe operation and equipment safety systems, including anti-2-block, outrigger placement, and operating in poor weather conditions.

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

- ✓ LMI configuration and alarms
- ✓ Hook and load management and pendulum control
- ✓ Unloading materials on the worksite
- ✓ Moving loads within the building site
- ✓ Working inside a building
- ✓ Changing part of line with pulley block
- ✓ Practicing CCO test courses
- ✓ Skills assessment

Performance Metrics

The training pack tracks over 20 different metrics, including:

- ✓ Tasks completed and time
- ✓ Time spent in pendulums
- ✓ Load or hook collisions
- ✓ Rough load handling
- ✓ Load dragging
- ✓ Time spent in alarm conditions
- ✓ Contact with power lines

Compatible Industry-Grade Controls

- ✓ Uni-directional pedals
- ✓ Industry-grade joystick controls