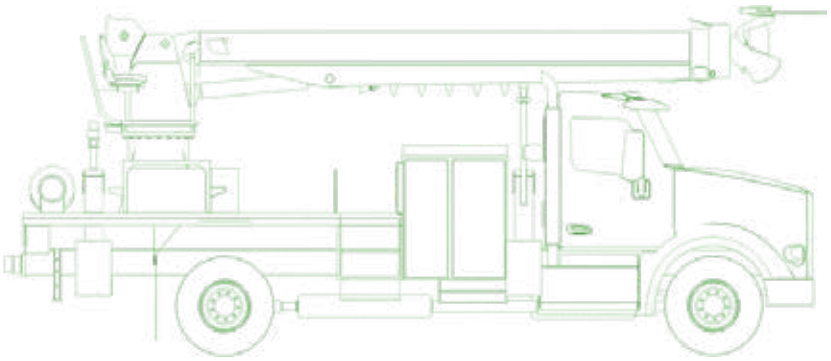
Digger Derrick Simulator Training Pack



Simulated Equipment Specs

Maximum sheave height: 46'6" (14.2 m)
Maximum lift capacity: 12,901 lbs (5,852 kg)
Boom articulation: -20° to 80°
Digger radius: 18' to 26'6" (5.5 m to 8.1 m)

Overview

The Intellia Digger Derrick Simulator Training Pack is the only simulation-based digger derrick training solution on the market. Designed to support training for specialized drilling and pole setting techniques, the training pack's learning path guides trainees through increasingly challenging tasks and even includes exercises to prepare for either the EICA or CCO crane certification exams.

Key Features & Benefits

Progressive learning program helps build skills and confidence, including familiarization with load handling and precise drilling techniques

Best-in-class simulation ensures trainees understand how the equipment works and what is required for efficient, safe operations

Detailed performance metrics and reporting provide trainers with real-time feedback on operator aptitudes and habits, as well as an overall score

Part of a Complete Training Solution

The Digger Derrick Simulator Training Pack utilizes CM Labs' renowned core technology, backed by decades of award-winning research. As a result, the digger derrick's engine, hydraulics, auger, boom deflection, and cables are all accurately represented in the simulation, ensuring that the cues and sensations operators learn from simulated exercises accurately reflect what they'll experience on a real machine. The simulated digger derrick can even tip when improperly handled, helping to reduce the risk of accidents.

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.

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

Certification Prep Learning Outcomes

Preparation for **EICA** exams:

- ✓ Controls familiarization
- ✓ Touch and Go
- ✓ Chain in Barrel
- ✓ Pole control
- ✓ Pole Set

Preparation for **CCO** exams:

- ✓ Controls familiarization
- ✓ Chain in Circle
- ✓ Test Weight
- ✓ Auger a Hole
- ✓ Place Pole

Both learning paths include a freeform Sandbox to practice skills, creative problem solving, and good judgment.

Performance Metrics

The Training Pack tracks over 20 different metrics, including:

- ✓ Safety violations
- ✓ Time to complete tasks
- ✓ Idle Time
- ✓ Fuel Usage
- ✓ Engine RPM
- ✓ Collisions

Compatible Industry-Grade Controls

- ✓ Cobra joysticks
- ✓ Boom truck lever controls

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