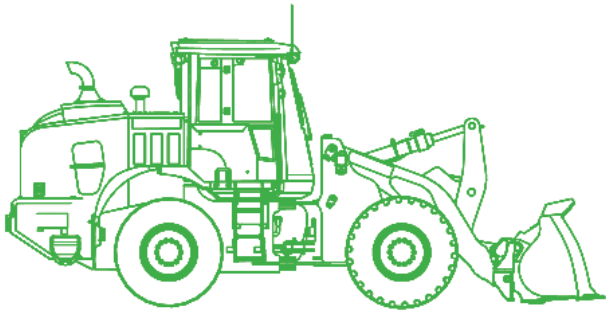


Wheel Loader Simulator Training Pack



Simulated Equipment Specs

Rated net power: 105 kW (140 hp)

Operating weight: 13,200 kg (29,101 lbs)

Bucket capacity: 2.3 m³ (3.0 yd³)

Transmission: 4-speed, all-wheel drive

Overview

With the Wheel Loader Simulator Training Pack, operators gain valuable experience in safe operations, with no wear and tear to actual equipment and no risk to themselves or others. Operators build real skills faster than they would through traditional training alone, while organizations save instructor time and reduce equipment costs. From earthmoving and stockpile management to truck loading, operators will develop the skills, coordination, and worksite awareness they need to master safe, efficient operations.

Key Features & Benefits

A progressive learning program

covering basic operating skills such as maneuvering, controls handling, excavating, working with stockpiles, and truck loading.

Performance metrics and

reporting that provide trainees with feedback on their operating and earthmoving skills.

Best-in-class simulation training

with authentic machine behavior and award-winning soil simulation, ensuring real skills development.



A Complete Training Solution

As the most realistic simulation-based training solution of its kind, the Wheel Loader Simulator Training Pack allows novice operators to transfer their skills directly from the simulator to the real world. The training pack's simulation of soil digging and dumping is powered by decades of award-winning research into earthmoving simulation, including peer-reviewed academic research papers. The simulated wheel loader is a composite 13-ton loader based on actual OEM machines, and includes bucket, forks, and truss boom attachments. Precise simulation of the loader's hydraulics system and transmission ensures that trainees feel as if they are driving the real thing, receiving realistic machine feedback at all times. Trainees experience changes in hydraulic pressure, engine rpm, and terrain surface, familiarizing them with equipment performance over a full range of real-life conditions.



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

Learning Outcomes

- ✓ Walkaround inspection
- ✓ Controls familiarization
- ✓ Bucket positioning
- ✓ Earthmoving and transport
- ✓ Stockpile management
- ✓ Excavation
- ✓ Truck loading
- ✓ Attachment change with quick coupler
- ✓ Safe load handling

Performance Metrics

The training pack tracks over 20 different metrics, including:

- ✓ Tasks completed and time taken
- ✓ Collisions and other safety violations
- ✓ Fuel consumption, cycle time, and idle time

Compatible Industry-Grade Controls

- ✓ Uni-directional pedals
- ✓ Left and right controls
- ✓ Steering wheel