# Telehandler Training Pack



## Simulated Equipment Specs /

**Product name:** Telehandler
Telescopic boom capacity:
4,000 kg | 4.4 US ton
**Attachments:** Fork & bucket
**Engine Power at 2200 RPM:**
55 KW

**Maximum Speed:** 29 km/h | 18m/h
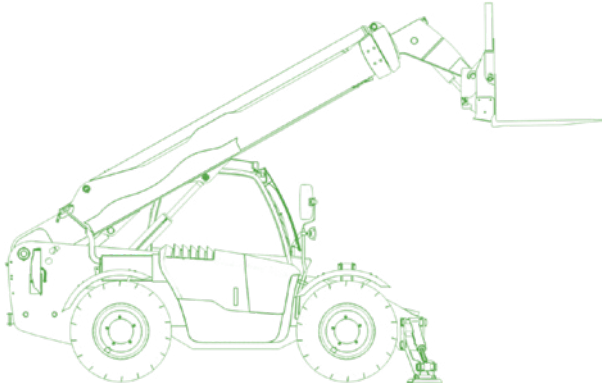**Total Mass:** 10880 kg | 12 US tons
**Transmission:** 4-speed, 4x4 AWD

## Overview /

The Telehandler Simulator Training Pack is the only solution that accurately replicates machine stability and engine behavior, reducing the likelihood of accidents due to tipping or collisions. Using challenging load management scenarios, operators can improve their cycle times and fuel efficiencies.

## Key features & benefits /

The Telehandler simulator offers a rigorous program to ensure operators prepare for various real-world types of lifting scenarios and driving requirements. Part of CM Labs' range of simulated lifting machinery, it is an ideal solution for training schools or companies with a wide range of equipment in their fleet.

**Progressive learning program**
Helps build skills and confidence, including familiarization with load handling, turning techniques, and more.

**Best-in-class vehicle simulation**
Ensures trainees understand how the equipment works and what is required for efficient safe operations.

**Performance metrics and reporting**
Provides trainers real-time feedback on operator aptitudes, habits, and overall scoring.

# Best-in-class simulation provides real learning benefits

Through CM Labs' Smart Training Technology™, our solution is the only simulator on the market that accurately replicates machine stability - providing real-world training opportunities to help reduce the risk of accidents.

The simulated machine behavior helps operators gain a better feel for the impact of moving and lifting assets and steering modes. It also improves lifting capacity and cycle times, ultimately reducing production costs.

Comprised of proprietary and patented algorithms, the Smart Training Technology™ ensures precision engineering of the simulated equipment, delivering the most transferable operator skills anywhere, outside the actual equipment.



## Supported hardware platforms

The training pack runs on CM Labs' motion-enabled **Vortex Edge Max**, the fully immersive **Vortex Advantage**, and the desktop **Vortex Edge Plus**.

## Learning program

The Telehandler Simulator Training Pack features progressive learning exercises designed to build skill and confidence gradually:

- ✓ Controls familiarization
- ✓ Load handling on ground
- ✓ Load handling at heights
- ✓ Live attachment change
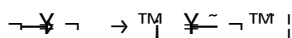- ✓ Shuttle operations
- ✓ Freeform sandbox to practice skills

Instructors can also use the optional Instructor Operating Station to trigger unexpected weather events and night or day scenarios.

## Performance measurement

The Telehandler Simulator Training Pack gives trainers objective insight into trainee performance and abilities. Instructors can access key performance metrics in real-time, such as:

- ✓ Safety violations (such as tipping, flipping, or collisions)
- ✓ Fuel efficiency
- ✓ Loads dropped
- ✓ Machine stability

Instructors can also generate reports based on customizable scoring parameters, and review against benchmarks or past training sessions