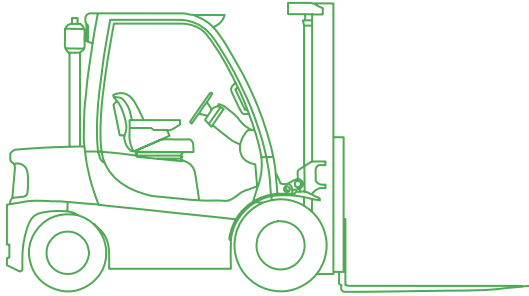


Forklift Simulator Training Pack



Simulated equipment specs

Engine power: 48kW (64hp)

Power: Diesel

Load capacity: 3t (3.3USt)

Lifting height: 4.1m (13.5ft)

Turning radius: 2.28m (7.48ft)

Travel speed with/without load:

18/19km/hr (11.1/11.8mph)

Overview /

The Forklift Simulator Training Pack is part of CM Labs' catalogue of port equipment operator training packs. With progressive exercises, on-screen tips, built-in performance indicators, and customisable scoring, the training pack teaches operators the skills they need to work productively and safely, in an environment that allows them to experience the equipment's full potential, with no risk to themselves or others.

Key features & benefits /

The Forklift Simulator Training Pack provides trainees with skills related to vehicle handling skills, fork spacing, and positioning. In addition, they learn how to safely handle a variety of loads before taking control of the real equipment. CM Labs' Forklift Simulator Training Pack is also the only learning solution on the market that puts trainees in the seat of a virtual forklift that can tip over, just as in real life.

A progressive learning program

covering skills such as maneuvering in confined spaces, and handling and stacking a variety of fragile loads.

Metrics and reporting

that provide trainers with reliable, objective indicators of trainee progress in terms of both safety and efficiency.

Best-of-class simulation

that ensures real skills development and learning opportunities that are not always available on the real machine.



Best-in-class simulation provides real learning benefits

Like all of CM Labs' solutions, the machine inside the training pack has been engineered from the ground up. In the Forklift Simulator Training Pack, this includes the wheels, forks, transmission, engine, controls, and more, all validated by testing from teams of experienced forklift operators. This is what gives the simulated forklift the unique ability to tip, just as it would in real life.

The Forklift Simulator Training Pack gives trainees an exceptional opportunity to truly learn the consequences of rough handling, or steering too tightly. By working through the progressive exercises, trainees learn proper maneuvering and load handling techniques, and get a true understanding of the forklift's capabilities.

The exercises that are built into the Forklift Simulator Training Pack are designed to address common challenges such as maneuvering in confined spaces, handling a variety of fragile loads, and stacking cargo inside containers, on trailers, and on warehouse racks.

With the Forklift Simulator Training Pack, you can safely provide thorough and engaging training opportunities to a large number of operators, with an intensive approach that can be difficult and even hazardous to replicate in real life.



Supported Vortex Simulator Hardware Platforms

The Forklift Simulator Training Pack can be installed on any Vortex simulator hardware platform, with different configurations to meet your budget, space, and training requirements.

Designed for years of 24/7 operator training, Vortex simulators are built to last.

Vortex Trainer: Affordable desktop training

Vortex Advantage: Versatile training solution

Vortex Master: Complete immersion training

Learning program

The Forklift Training Pack features progressive learning exercises — from beginner to advanced — designed to teach skills and build operator confidence:

- ✓ Basic controls familiarisation
- ✓ Maneuvering in confined spaces
- ✓ Selecting correct fork spacing
- ✓ Manipulating a variety of loads
- ✓ Loading flatbed trailers, containers, racks
- ✓ Loading and unloading in challenging conditions

At any time, using the optional Instructor Operating Station, trainers can also trigger events such as machine faults and pedestrian traffic.

Performance measurement

The Forklift Training Pack gives trainers objective insight into performance and abilities.

Trainers can score operators on performance metrics such as:

- ✓ Loading time
- ✓ Load & fork heights
- ✓ Mast position
- ✓ Cycles per hour
- ✓ Contacts (environment, loads, people)

The optional Instructor Operating Station allows instructors to generate customisable reports from forklift training sessions, review current and past proficiency, and establish benchmarks for operator performance.



Megamax STS
Panamax STS
Mobile Harbour Crane
Ship Pedestal Crane

Internal Transfer Vehicle
Forklift
Rubber-tyred Gantry Crane
Straddle Carrier

Reach Stacker
Empty Container Handler
...more at
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