

LiSIM move

Getting started with training
anytime, anywhere

www.liebherr.com

LIEBHERR

Crane simulator





The new LiSIM move – simulation to go

LiSIM move is Liebherr's portable training simulator, designed for maximum flexibility without compromising training quality. With intuitive controls, immersive visuals, and a compact setup, LiSIM move brings crane operator training directly to your site, event, or classroom.

Key benefits

- Mobile training simulator for flexible training directly on site
- Compact & space-saving – adapts to any training environment
- Transportable in a case – quick to set up, can be used anywhere
- Original Liebherr controls for a realistic control experience
- Touchscreen for practical simulator operation
- Ideal for entry into simulator training, assessment and recruiting



Components



Computer

- CPU: Intel Core-i9 14900KF
- RAM: 64 GB DDR5
- GPU: RTX 4090



Control system

- Original crane joysticks
- Innovative and ergonomic design
- Virtual control system emulating the original machine control software
- 10" Touchscreen monitor on swivel arm



VR-Headset

- Meta Quest 3 VR-Headset
- Special headband design ensuring user comfort, even for long training sessions
- Built-in speakers for an immersive sound experience

Software

Currently available: Mobile Harbour Crane (LHM 550 & LHM 800) – for breakbulk, bulk and container handling

- Immersive & detailed environment enhancing operator experience
- Realistic control system emulator in-house developed
- Training modules based on real-life port operation scenarios
- Adjustable exercise settings such as ship draught and daytime
- Performance tracking with collision detection and much more



Training
LiSIM move
Maritime cranes



Did you know?

~15 minutes for set up

Up and running in just minutes – for fast, flexible training. wherever you need it.

~1% CO2 emissions

Train sustainably – LiSIM emits only ~1% compared to real crane training.

~180 h amortisation period

Already paid off after ~180 hours of simulator use instead of training on the real crane.

~50 worldwide service centers

Reliable support – anytime, anywhere.

Basic package

Hook handling

Precise operation with slewing, luffing and hoisting gear

Load handling

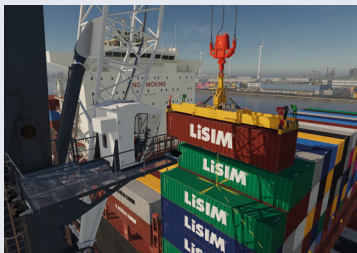
Moving loads through different courses

Travel mode

Course and harbour manoeuvres

Container operation

Add-on



Handling locations

- Ships: Post Panamax, ULCV (Ship deck & hold)
- Landside: harbour area, tractor, ground lanes

16 Different exercises

Bulk operation

Add-on



Handling locations

- Ships: Handymax, Kamsarmax, Coaster, Barge
- Landside: hopper, pile

Material types

- Coal, grain, iron ore, lime stone

5 Different exercises

Breakbulk operation

Add-on



Handling locations

- Ships: Handymax, Kamsarmax, Coaster, Barge
- Landside: breakbulk areas in harbour

Load types

- Steel coil, steel plates, big bags

6 Different exercises