

Mevea Port and Ship Crane Training Packages

Ship-to-Shore (STS), Rubber-Tyred Gantry (RTG), Mobile Harbor Crane (MHC), Rail Mounted Gantry Crane (RMG) and Ship Pedestal Crane (SPC)



Mevea's STS, RTG, MHC, RMG and SPC Crane Training Packages are the most versatile and advanced simulation-based port and ship crane training solutions available in the market today. They help crane operators to develop their skills further, whether they are beginners or operators with many years of experience. Solutions have been developed together with leading port operators, crane manufacturers and training institutions. These highly customizable training solutions are based on the most advanced physics simulation in the market.

Key Training Capabilities

- ✔ Extensive set of training exercises that enables a progressive learning path:
 - Basic crane handling
 - Advanced operations e.g. STS man cage handling, hybrid RTG stack change, MHC special cargo handling and SPC heavy lift operations
- ✔ Trainee performance follow-up and analysis from the instructor station
- ✔ A real-time dashboard showing the lift paths, joystick positions, detailed timing of different lift sections and various safety-related topics
- ✔ Possibility to create customized lift lists, change weather conditions, initiate incidents or faults during the exercise and create own performance/safety-related assessments
- ✔ Extensive capabilities to analyze the performance and identify areas of improvement
- ✔ Key incidents are automatically recognized and can be easily identified from the exercise animation and report

Key Benefits

- ✔ Highly customizable training solution
- ✔ Allow faster transfer from a simulator to a real crane compared to other training simulators, resulting in better productivity and safety from day one of real crane operation
- ✔ Unique approach to operator consoles design that accurately reflects the physical crane setup and allows to quickly change controls in the simulator
- ✔ Savings in energy usage
- ✔ Higher terminal revenues and profit for the operator when the real cranes are not occupied for training
- ✔ Supporting your goals to meet the requirements of today's modern port





Highly Customized Training Solutions For your modern Port

Your Equipment

Enable the best-in-class simulator skills transfer

STS, RTG, MHC, RMG and SPC models can be customized by changing main dimensions, speeds, weights etc. based on the cranes used in your operations. Mevea offers an extensive array of standard, ready-to-use solutions for changeable and customized operator controls (hardware or touch screen-based), as well as tailored ensembles based on the customer's existing setup.

Your Environment

Operator familiarization with the real environment

The high degree of accuracy in your simulated environment allows the trainees to familiarize themselves with the physical operating environment already during the training.

Your Processes

Focus the training on what is exactly needed

Simulator training capabilities will be adapted according to your operating processes. Customized operations and training exercises are teaching the port-specific procedures directly from the start, enabling more efficient operator training and improvements in safety and productivity.

Supported Mevea Simulator Platforms

Mevea Port and Ship Crane Training Packages can be installed on the following Mevea Simulator platforms:

- Mevea Desktop
- Mevea Pro
- Mevea Master King
- Mevea Remote Operations Station (ROS)

Let's start the inspiring journey towards the modern port operations together!

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