



MERSEY
MARITIME



quayskills
TRAINING SIMULATORS

AFFORDABLE SIMULATION
TECHNOLOGY FOR THE PORTS AND
LOGISTICS SECTORS

• GANTRY CRANE • MOBILE CRANE • STRADDLE CARRIER • FORKLIFT TRUCK • IMV TUGMASTER

www.quayskills.co.uk

Quay Skills Dockside is a new range of highly realistic yet cost-effective training simulators for the ports and logistics sectors.

Designed to fill a gap in the market for high spec, affordable technology, our suite of fully immersive simulators incorporates some of the most advanced technology currently available on the market - at a price that won't break the bank.

HOW HAVE WE ACHIEVED THIS?

We've achieved considerable savings over other manufacturers by listening and responding to what you've told us you really need and would use, then applying creativity to come up with an affordable solution that doesn't compromise on functionality or quality where it counts most. And then cutting out the unnecessary, often costly, bells and whistles.

Our simulators incorporate high quality graphics, sound, weather and system functionality to recreate, in minute detail, the port environment. This, combined with clever design such as interchangeable control decks for maximum flexibility, and modular, off-the-shelf components, allows for a safe, true-to-life training experience.

Simulator hardware and training software in the Quay Skills Dockside range is currently available for: ►

- Gantry Crane
- Mobile Crane (Luffing Jib)
- Straddle Carrier
- Forklift Truck (Counterbalance)
- IMV Tugmaster

In addition to the above full size simulator stations, our range includes a transportable unit, which can be moved from site to site, allowing you to maximise its use while keeping capital costs down.



SAFETY FIRST

Training on live equipment within the port environment can be a challenging and time consuming business, in particular when instructing new operatives with little or no prior experience of handling potentially dangerous, high value equipment of this type.

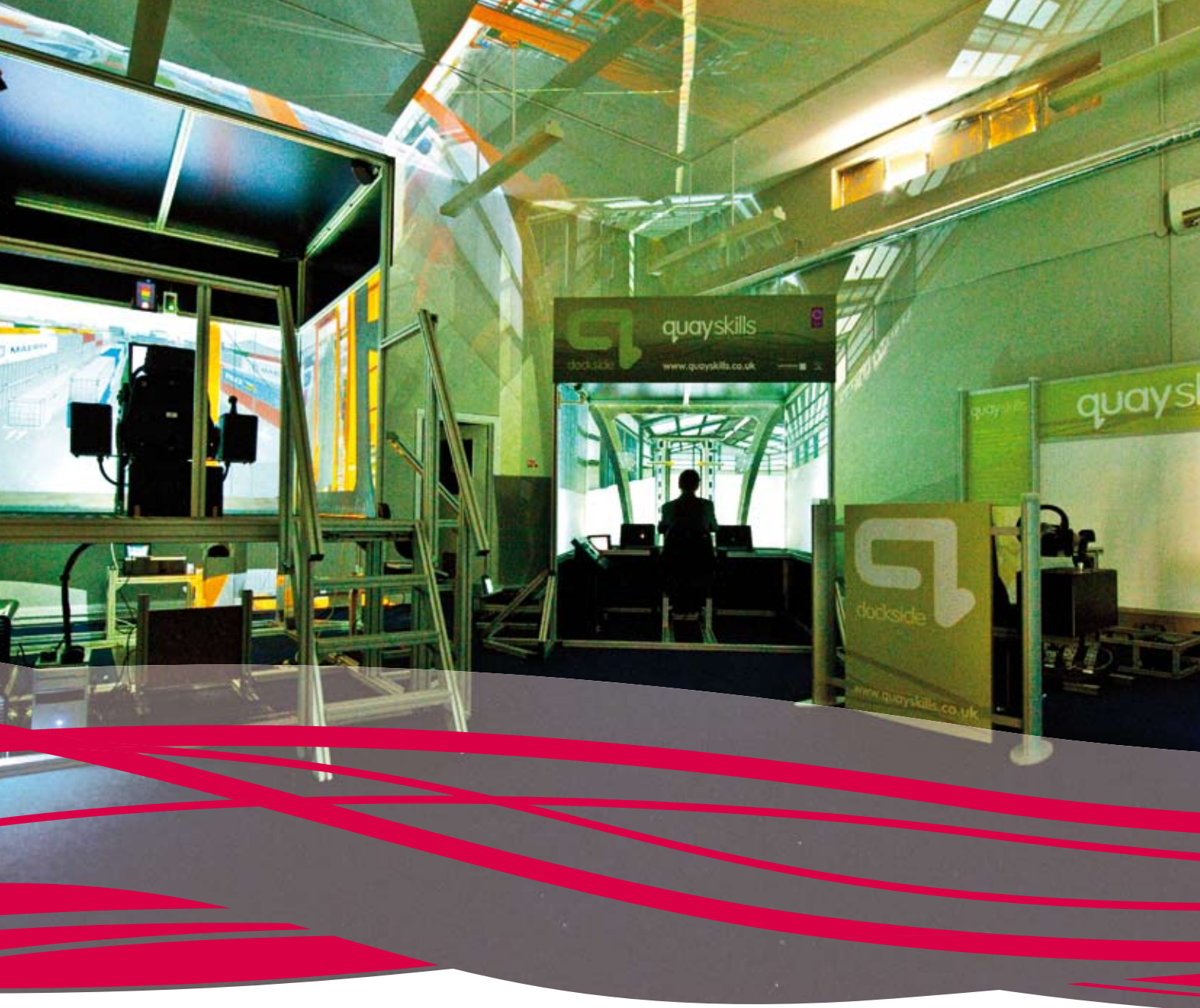
Added to that is the need to release equipment from daily operation, which reduces efficiency and costs your business money.

VIRTUAL TRAINING WITH REAL RESULTS

Virtual reality training overcomes this problem by establishing aptitude and building operator confidence and familiarity with the controls and operator environment before the trainee is ever exposed to real equipment.

Our simulator stations are fitted with driver cabs that replicate the layout of a real cab, with the same type of seat, gauges, switches, controls and pedals. Multi-screen projection screens - including floor projection in the cranes to give the impression of operating at height - immerse the operator in a virtual working environment in which confidence and essential skills can be acquired quickly, safely and effectively, through controlled, monitored repetition of the relevant training scenarios.

So when your trainees move into the live environment they already know what to expect and will typically progress through their training around 20% more quickly, boosting business productivity and reducing costs. ►



As a tool to complement existing training methods, the benefits add up very quickly

- Enhanced learner confidence
- Ability to prepare operators for hazardous conditions within a safe environment
- A total immersion experience
- More effective control for instructors
- Ability to train several people at once
- Significant reduction in machine maintenance and running costs of real equipment
- Reduction in training-related accidents and insurance claims
- Ability to assess driver aptitude at induction, saving time and money
- Ideal re-assessment tool for experienced operators
- Reduced carbon footprint as a result of fuel savings
- Fully auditable, electronic training records
- Modular design to maximise use of simulator stations and keep capital costs down
- Ability to purchase additional simulator applications as budgets allow
- Fully integrated sales and support package
- Flexible purchase options

ESSENTIAL SKILLS FOR EXPERIENCED OPERATORS AND NEW RECRUITS

The benefits of using simulators as part of your company's training programme apply equally to experienced drivers. The simulators' in-built electronic assessment systems are set up to provide measurable, fully recordable and auditable training records, allowing your instructors to identify areas of strength in individuals, develop their operational capability and build your operation's productivity rates.

Similarly, any areas of weakness can quickly be ascertained and remedial action taken to train them out.

A key benefit of simulator based training is the ability to rehearse and practise emergency response actions for the kind of potentially life-threatening situations that are impossible to recreate safely using live equipment. Such preparedness can literally save lives and gives operators the confidence to know exactly what to do should an emergency arise.

Multi-screen projectors immerse the operator in a virtual working environment in which confidence and essential skills can be acquired quickly, safely and effectively.



SALES AND DEMONSTRATIONS

Our full range of Quay Skills simulators is available for demonstration purposes at our training suite in Birkenhead, Merseyside. To set up a demonstration, or for further details and purchase options call: +44 (0)151 647 4747 or visit: www.quayskills.co.uk

QUAY SKILLS TRAINING COURSES

A series of commercial training programmes is available through our Birkenhead based facility to clients worldwide who have one-off or urgent requirements to train their operators.

Programmes are currently being delivered to clients including port operators, schools, apprentices and job seekers. Details of courses can be found on our website at www.quayskills.co.uk.

"Drake Ports Distribution Services has been managing the labour requirements for the loading and unloading of ships at Royal Seaforth Container Terminal, Liverpool, and Twelve Quays Terminal across the river in Birkenhead for the past 15 years, and running a safe operation is our top priority.

The potential to use simulator technology to recreate a port environment and improve the quality of safety and training is huge, so we've been quick off the mark to adopt the high spec affordable technology the Quay Skills package offers and incorporate it into our training plans. And the numbers stack up. Investment in a simulator is an investment in skills and safety, the cost can typically be recouped in a matter of months and the benefits speak for themselves."

Les Heather – International Operations Manager, Drake Ports Distribution Services



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Supported by



Quay Skills is the brand name for a range of training simulators developed by Mersey Maritime in partnership with AIMS Solutions (Liverpool), Drake Ports Distribution Services and ITS Training Limited. These include a set of physical simulators for Dockside Operations, a web-based package for Health and Safety training and a classroom based simulator for International Trade and Services operations.