

# Vortex simulators for cranes & heavy equipment

Scalable to every training need and budget, Vortex simulators represent the widest range of training solutions available today.



Vortex Edge



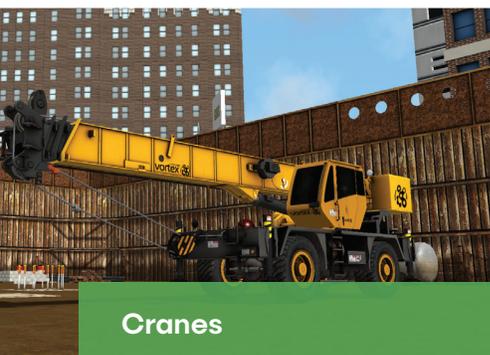
Vortex Trainer



Vortex Advantage

Flexible display options mean you can start small and scale up to full immersion, and swappable controls mean you can use one simulator to train on many equipment types — with the assurance that you can count on your Vortex simulators for years of training, thanks to their rugged, durable construction.

Our lifting and earthmoving training modules are ready to run on any Vortex simulator. Each module assures complete, effective training, with progressive learning exercises, objective trainee performance metrics, and best-of-class equipment simulation.



Cranes



Earthmoving equipment



Plant equipment

# Vortex simulators: your training accelerator

Accelerate your training and reduce your training costs with Vortex simulators for operator training.



## Build safer operators

Trainees can practice challenging operations, in the kinds of situations that are impossible to replicate in real life without risk of injury or damage to equipment. Prepare them to respond to the unexpected by injecting system faults, load shifting, and inclement weather.



## Train faster

With trainees practicing on simulators, you're providing concentrated seat time, with a dramatic reduction in 1-on-1 training hours. Thanks to an engaging learning experience, trainees are acquiring valuable skills even when the real equipment is unavailable.



## Assess trainees objectively

Measure and log trainee performance against your objective benchmarks and criteria. Trainers can monitor and evaluate performance during and after training exercises.



## Teach real efficiencies

Vortex simulators are a valuable tool for teaching productive and economic machine use. They track and log key performance metrics in real time, such as amount of time elapsed, amount of fuel, and more.



## Reduce your training costs

Each Vortex simulator reduces the time you need to spend on the real equipment. Plus, for what you'll spend on a single crane or machine, you can deploy a fleet of Vortex simulators — with lower maintenance and fuel costs, and a reduced eco footprint.

*"Very realistic. I looked at quite a few simulators, and I didn't find anything that even came close to Vortex simulators."*

– Steve Fryer, Manager of Training, **NCSG Crane & Heavy Haul Services**

*"I have not seen a system that even comes close to equaling Vortex. Does it save us money? Yes. And does it improve the quality of our end product? Yes it does."*

– Dub Huggins, Training Manager, **CSI**

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