

Vortex Advantage

The scalable, full-immersion, all-in-one operator training simulator

Introducing the Vortex Advantage /

The Vortex Advantage is a full-immersion training simulator that develops transferable operator skills. It's designed for extended training, including mastering advanced skills. With OEM hot-swappable controls sets and pedals, and options for different screen configurations, the Vortex Advantage delivers high-quality training and flexibility.

Benefits /

1. Grows with your needs

With options to add displays, motion, and more, the Vortex Advantage is designed to grow with you, whether you're providing individual instruction or group training. The optional instructor station and classroom manager provide tools to record and manage trainee progress.

2. All-in-one training platform

The Vortex Advantage is ready for training on all types of lifting and earth-moving equipment — it features equipment-specific hot-swappable control sets and pedals. The 3-screen option also rotates to replicate crane and earth-moving equipment sightlines.

3. Built to last

With a robust steel frame, commercial-grade displays, professional-grade controls and industrial shock-mounted computers, the Vortex Advantage is built to last. It is designed to service classrooms and mobile trailer usage with 24-7 operations for years of learning.



Vortex simulators bridge the learning gap between the classroom and the worksite

Meet the Vortex Advantage



1. IMMERSIVE DISPLAYS

With leading worksite visuals, the view from the cab matches the view from the seat of the actual equipment. Select from a single-display option, 3 displays, or 5 for maximum trainee engagement.

2. BUILT TOUGH

With rugged high-quality steel frame and parts, the Vortex Advantage is built tough for the demands of a busy classroom.

3. PROFESSIONAL-GRADE CONTROLS

Train many equipment types on a single simulator — with no need to shut down the simulator to change control sets or pedals.

4. FEEL THE MOTION

For full trainee immersion, the motion platform replicates the motion and vibration experienced while traveling, digging, and lifting.

5. OPERATOR TOUCHSCREEN

The touchscreen makes it easy for the student to log in and switch between training exercises, and also acts as the equipment computer interface, including safe load indicator (LMI/SLI), auxiliary controls, and operator's dashboard.

6. TRAIN AS A CREW

The Vortex Edge Advantage can connect to other simulators for tandem operations and crew training.



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