Virtual Reality Simulators
Construction Machine Equipment

DRIVE SAFETY AND PROFITABILITY
WITH CAPABLE EQUIPMENT OPERATORS

www.WorksiteVR.com
WORKSITEVR™ SIMULATOR

BUILT SPECIFICALLY FOR CONSTRUCTION MACHINES

WorksiteVR™ Simulator has been specifically designed for simulating construction machines. Immersive Technologies has deployed earthmoving simulation in 44 countries. Their technology and expertise in operator training helps deliver a virtual reality product with the realism, training effectiveness and machine accuracy at a level not previously seen by the construction industry.

Using advanced simulation software matched with commercially available VR hardware, WorksiteVR Simulator delivers an unparalleled visual experience, setting a new standard in simulation quality resulting in increased training engagement and learning retention. WorksiteVR Simulator ensures our customers have the world’s best simulation solution to drive operator safety and operator productivity.

REALISTIC MACHINE CONTROLS

Physical controls coupled with the virtual environment enables operator to experience the look and feel of the real machine. Joysticks and pedals provide the opportunity for mechanical and physical feedback to the operator.

FULLY INTEGRATED LEARNING CENTER

Easily setup curriculum and module access, provide consistent training and allow operators to independently navigate through each module within a curriculum. The Learning HUB also hosts reports and operators results for centrally administered and managed operator training programs.

UNPARALLELED LEVEL OF VISIBILITY

Authentic 3D virtual environment provides a highly memorable, highly focused environment free from distractions while engaging simulation environment improves learning retention and recall levels.

VIRTUAL REALITY OPERATOR TRAINING

The unique combination of virtual reality and hands on training ensures the availability of skilled equipment operators, dramatically lowering your costs and increasing the safety of your personnel. The product is portable and highly affordable.
VIRTUAL REALITY TRAINING BENEFITS

1 INCREASE SAFETY
Train many green operators quickly and to a high standard. Increase your operator’s ability to handle high adrenaline situations confidently and safely.

2 CONTROLLED ENVIRONMENT
Ensure training can be delivered anytime day or night, regardless of weather conditions. Know the skill level of equipment operators before setting them to work on your job site.

3 DRAMATICALLY LOWER COSTS
Train operators in the safest environment without burning diesel or adding hours to your machine. Reduce risk of construction contract delivery by ensuring the right staff, minimal downtime of equipment and safe operations.

4 ASSESS SKILLS
Allow operators to accurately measure their skill level and train in a range of different tasks. Train for situations too dangerous or costly to train for using the actual equipment.

5 SELF DIRECTED, SELF PACED LEARNING DESIGN
Self-paced and guided learning without the need for a trainer. Opportunities for continued operator skill development and refresher training as and when required—no waiting time. Real-time feedback and scoring within tasks allows operators to independently monitor their progress and identify areas for improvement.

6 MINIMIZE EQUIPMENT DAMAGE
Construction contract delivery can be challenged by damage to rented equipment, machine downtime and a lack of trained equipment operators. Using WorksiteVR Simulator these risks can be reduced while operators are also trained in the safest possible environment without burning diesel or adding machine hours. It allows operators to accurately measure their skill level and then train themselves to be better in a range of different tasks.
PRODUCT INCLUSIONS

WorksiteVR Simulator includes a complete set of physical controls to perform all the necessary tasks by construction equipment; additional Conversion Kits can be added to expand your training capabilities.

Immersive Technologies offers an advanced understanding of mining and earthmoving simulation (over 24 years experience) as well as a dedicated research and development team staying current on latest technological advancements; ensuring you are partnering with a highly reputable and lasting company.

WARRANTY

- Get software updates periodically over the internet
- Standard 12 month warranty on all WorksiteVR parts
- Dedicated email support for WorksiteVR hardware & software

EXCAVATOR COMPONENTS

- Joystick control
- Basic traveling
- Digging a shallow trench
- Loading a truck from a bench
- Building a ramp
- Digging and dumping
- Skills builder (practice environment)

WHEEL LOADER COMPONENTS

- Basic controls
- Basic traveling
- Load and carry operations
- Truck loading operations
- Skills builder (practise environment)

CORE COMPONENTS

- Virtual reality display and hardware*
- Transport case
- High end PC, monitor, keyboard, mouse and headphones

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* Hardware may vary