



FORKLIFT

UNIVERSITY

www.ForkliftUniversity.com

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Virtual Forklift Simulator

Designed by trainers for trainers, this new generation forklift simulator is built to help industry trainers support the OSHA training guidelines.

Tools not Toys is how we see the next generation of forklift simulator, real world training tasks, custom developed environments all at designed to maximize your training ROI. Forklift University has teamed up with Virtual Forklift to provide our customers the best option in forklift simulations.

Introducing the "beta" release through March 2023. Get all 10 training modules and maintenance for 1 year included with your purchase. New training modules coming all the time, or build a custom environment from your own facility, for even more realistic training.

Virtual Forklift Simulator Training Options



Simple Menu for Module Selection

Students can select the training module from our easy to read and simple to understand training menu. Systems can be setup to organize and utilize only training modules that make sense to your customer. Customers have the flexibility to buy as few as 3 modules or bundle modules for their specific training needs. Additional modules and custom training environments can be added for a reasonable price. Full purchase or pay as you go (subscription) options are available to help with implementation and budgets.

Smart Pedestrian Interactions can be On or Off

Pedestrians are an option in this training system, but they are available when interaction with them is important. The pedestrian system is designed to not only have pedestrians, but for them to react to the operator. Unlike other systems, the pedestrians will stop, and move out of the operator's way when the horn is used. This adds a more realistic experience to the forklift simulation.



Simple and Quick Login

Students can be pre-setup, so login is as simple as selecting their email and entering in a 4-digit code. For non-registered students, a guest login allows for quick access to training modules. Students that are registered, will have their training scores logged in the MyVirtualForklift.com training portal, allowing trainers to record and track the students' progress to help the operator understand the proper operations of the lift.

3D Trainers Review Videos

All training time in the Virtual Forklift Simulator is not only recorded in the MYVirtualForklift.com trainer's portal, but a video record of all sessions is saved on the local computer for later review. Trainers can change between 4 different camera views and use their mouse to move the camera view and angle in real time to review the students' sessions. This is a good way to review and see when students have issues with operating the equipment in a specific situation.



Student Guidance

Every training module is designed to help the student to move through the tasks with simple arrows and color coding. Green boxes show the student where to drop the load, and arrows set the path to be traveled in the module. Once completed, students will see a congratulations screen showing they have successfully completed the training.

Virtual Forklift Simulator Platform Options



Multiple Options for Simulator Platforms

The power and flexibility of the Virtual Forklift Simulator system starts with state-of-the-art software development. How each customer deploys the system can be different depending on the training needs and available training area. Companies may choose to use a mobile or traveler system providing the most flexibility in where the training is done, and the area needed to deploy the system.

While schools and companies with training centers may choose the Fully Immersive Simulator Platform.

Best in Class Virtual Reality Headset and Gaming Computers



Don't settle for poor graphic resolution when selecting a forklift simulator, many other solutions use the lower quality, lower speed and slower computer systems supported by the Oculus system. While Oculus is popular to the gaming community, the resolution is less than half of the HTC VIVE Pro 2 system, used in the Virtual Forklift Simulator, which provides a 5K resolution. This difference, combined with high-speed gaming computers, faster memory and the top-of-the-line NVIDIA 4080 video card, means that the

motion sickness users experience in other systems is greatly reduced and eliminated in many cases. Every simulator system comes with these high-speed options, and only the way it is configured changes for the customer. Also included with every system is our industry standard fingertip controller. Many new lifts utilize this ergonomic style lift controller, and the Virtual Forklift Simulator emulates this future lift controller style.



Traveling Simulator Platform

The Traveling Simulator Platforms provides the most flexible and cost-effective way to deploy the training program. A standard gaming stand, steering and 3 pedal system provides the easiest way to setup and use the system in different locations. Setup of the Traveling Simulator Platform can be done in about 30 minutes and all necessary components are included with this platform option. This system also comes in a tough and specially cut travel case allowing trainers to ship the unit, or carry it in the back of their trunk.



Immersive Simulator Platform

For those that want a more stationary system, Virtual Forklift provides an immersive Simulator platform, it uses the same headset, controller, and steering controls as the mobile, but users can choose to use a laptop or desktop computer with this system. Desktop computers provide an additional level of speed reducing the chance of motion sickness more than any other system available. This platform includes a real forklift seat and a solid

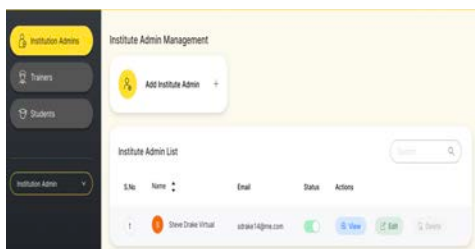
foundation for the controls and student comfort.

Virtual Forklift Simulator Trainer Tools



VF Virtual Simulator Training Portal

Included with every simulator is access to the Virtual Forklift Trainers portal, www.MyVirtualForklift.com, where all the training records for every student are recorded. Each institution instructor can setup their students in advance of their training session providing companies with the ability to track and control the training sessions of their operators. For companies that just need a quick training session, a GUEST user can be used.



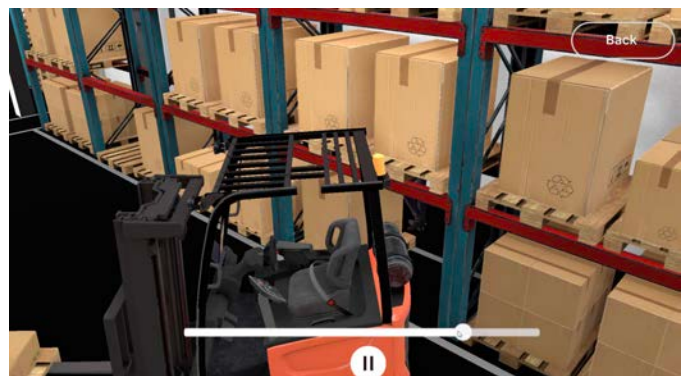
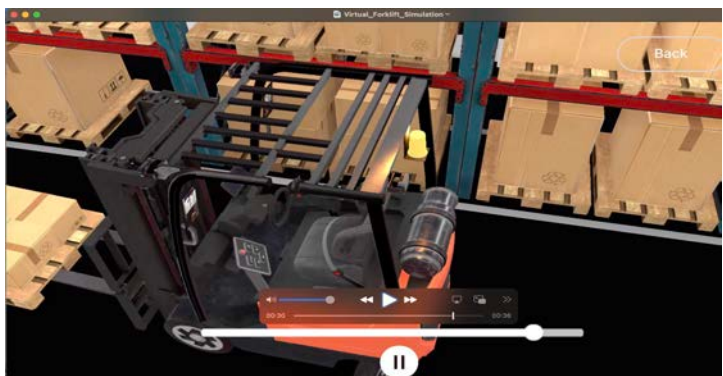
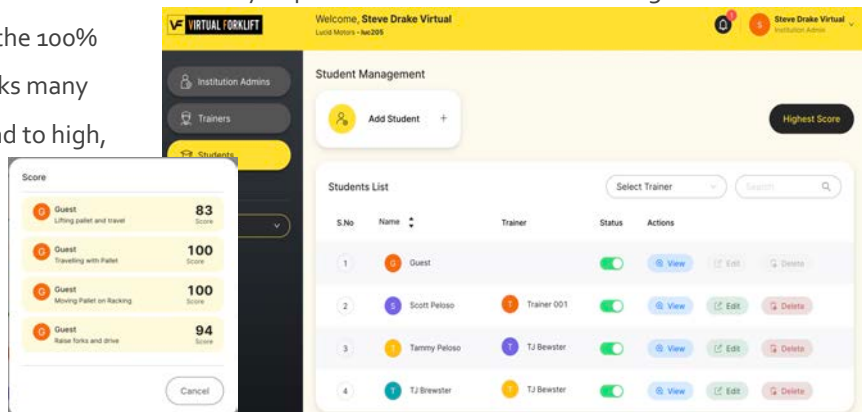
Company administrators have access to all training records and can setup company trainers to monitor and manage the training of the Virtual Forklift Students.

Company Trainers can setup and view the Virtual Forklift Driving records of their students. The system tracks all scores for each module and requires a student to complete each module safely to pass. Immediate fail records are generated for

accidents, or a combination of errors that reduces the 100% score to below the 70% threshold. The system tracks many different safe driving issues like traveling with a load too high, not looking when traveling in reverse, hitting a pedestrian, and many more common safe driving issues.

While training records for each student and each module session help support the OSHA 1910.178

guideline for formal training requirement, every system session is also recorded in video. Trainers can review the driving session of every student including the Guest operators. The video replay provides a 4-camera moving view of all driving sessions for every student.



Virtual Forklift Simulator Price Options



Virtual Simulator Modules and Pricing Options

The best software or training system in the world is worthless if the cost is prohibitive. The modular design and delivery of the Virtual Forklift Simulator software, allows for lower cost entry and growth as a budget or need increases. Bundles help users decide on the most important modules to their business and they can select the training type and features that fit their training needs. Pay per use options allow clients to use a module or group of modules during a hiring push and remove them when the need is no longer there, similar to a rental option. Modules are divided into 3 categories, standard, advanced and custom. Standard modules are part of a basic environment and typically used to teach entry level driving or safety skills and should reinforce standard operator skills, there are currently 12 different standard modules with an additional 8 due for completion by 2rd quarter 2023. Advanced modules are designed to teach the use of specific attachments, special load handling or difficult tasks. Initial attachment options will include the use of a roll clamp, flat clamp, single/double forks, carpet poles, fork extensions and the safe use of a trash hopper, others will be created as the need arises. Custom environments can be created using a customer's real facility and special load styles that will be developed around the customer specific rules and needs. Custom development is done on a time and materials basis.

Unique to the Virtual Forklift Simulator is the full use of all modules for the initial 30 days, this will allow customers to try the modules and select the ones that best fit their needs. The use of all modules will be available to ALL simulators at that facility, additional simulators can be added for the price of the active modules at the facility. Custom environments will be available to all simulators at the facility and will only be billed at an advanced module price for additional simulators. The ROI of custom development is maximized since it is available to all simulators at the company site.

Modules and Platforms

Platform	Basic Modules	Advanced Modules
"Fold n GO" Traveling Simulator Platform	Free Roaming	Loading a Flatbed Truck
<i>Gaming Laptop Computer</i> <i>Mobile gaming stand</i>	Raise Forks and Drive	Loading a Trailer
	Lifting Pallet and Traveling	Roll Clamp
	Placing Pallet on Racking	Flat Clamp
Immersive Simulator Platform	Move Pallets on Racking	Single-Double Forks
<i>Gaming Desktop Computer</i> <i>Forklift style simulator</i>	Travel with a Pallet	Carpet Pole
	Travel through a Speed Door	Fork Extensions
All Systems Include:	Oval Course	Trash Hopper
<i>HTC Vive Pro 2</i> <i>Exclusive Forklift Controller</i> <i>Logitech GForce Driving Controller</i> <i>All cables, connections and required components</i>	Slalom Course	Cantilever Racks and Odd Loads
	Advanced Slalom Course	Custom Environments Available
	90 Degree Turns & Pallet Lineup	
	90 Degree Slalom Course	

Note: after the first year, optional maintenance will be available for support and discounts on upgrades and units.

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