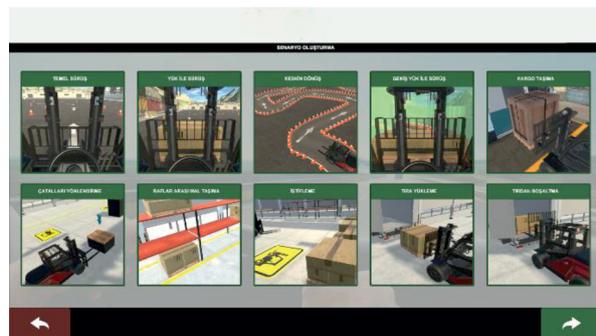## Equipments

- Computer
- Steering, pedals, handbrake
- Control unit
- Forklift seat
- Seat belt
- Touch screen
- Simulation screen
- Meta Quest 3 virtual reality headset
- 2-axis moving system
- Electronic and mechanical components

## Scenarios

- Basic driving simulation
- Driving simulation with load
- Sharp turn simulation
- Driving simulation with large load
- Cargo transport simulation
- Simulation of fork steering
- Simulation of load transport between shelves
- Stacking simulation
- Simulation of loading a truck
- Simulation of unloading from a truck

SIM-004 Forklift Simulator Features

## Technical Specifications

- The simulator can be used with virtual reality headsets and screens.
- It has licensed professional simulation software.
- There is a driving analysis and recording system.
- The simulator can rate and score the driver's performance and identify weak areas.
- All data collected during the movement can be used for measurement and evaluation purposes.
- Vehicle and user data can be presented on the administrator screens for evaluation after the simulation.
- The simulation can be saved and replayed from start to finish.
- All data of the driver is analysed instantly.
- Mistakes made by the driver are recorded and can be analysed in detail on the analysis screens.

Note: Specifications are subject to change.

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- User information entry, vehicle selection, simulation selection can be done easily.
- There are levers for up-down, right-left movement and inclination of forks.
- Gas, brake reactions and steering sensitivity are advanced.
- The sensitivity of the moving system, steering sensitivity and steering force-feedback effect can be adjusted.
- The simulation has a high realism.
- HDMI output is available for connection to TV or projector.
- The entered data is saved in the local database of the simulator using the middle layer.
- All data can be saved on a single platform to follow the real-time evaluation of users.
- With the tutor system, all data can be analysed from the external computer.
- The video of the operations performed can be watched again from the simulator screen and the teacher system.
- Software language is English. If requested, any language option can be added.

**REDLIFT SIM-004 Forklift Simulator Features**

- Helmet     Meta Quest 3
- Languages     English, Turkish
- Motion Platform     2-axis motion
- User Evaluation System     Yes
- Video recording     Yes
- Project to Larger Screens     Yes
- Display size     43" screen & 21,5" touch screen
- Vision technology     Virtual reality
- Sound     3D sound
- Updates     Yes
- Warranty     2 years
- Power supply:     100-240 V, 50-60 Hz.
- Total power:     1,5 KW

Note: Specifications are subject to change.