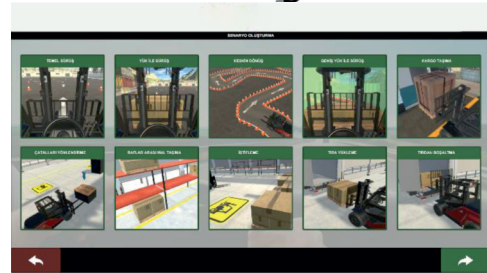


Equipments

- 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



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 |

2-Axis Motion Forklift Simulator

- Equipped with a 2-axis motion platform (pitch and roll) for realistic driving simulation.
- Allows the driver to feel road conditions such as bumps, potholes, uneven surfaces, and terrain changes directly from the simulation.
- Acceleration, deceleration, cornering, and collision effects are realistically simulated through dynamic motion feedback.

Note: Specifications are subject to change.

- Forward-backward (pitch) and left-right (roll) movements provide instant and highly realistic response to driving scenarios.
- Motion behavior is fully synchronized with the simulation software to ensure real-time feedback.
- Powered by a custom-designed motion system developed exclusively by Us.
- The motion platform consists of industrial-grade motors, motor drivers, encoders, sensors, and spring mechanisms.
- Motion sensitivity can be adjusted according to training requirements:
 - High sensitivity
 - Medium sensitivity
 - Low sensitivity
- Includes both mechanical and electronic safety systems to ensure operator and trainee safety at all times.

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.
- 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.

Note: Specifications are subject to change.

