HEAVY VEHICLE
SIMULATOR

Realistic & High Fidelity Training

Simsoft is producing different types of simulators, which are heavy vehicles, multi-wheeled and handing charges, by modeling mathematical and physical high realism.

- Lorry
- Truck
- Wrecker
- Special Vehicles

Simsoft
TECHNOLOGIES

HEAVY VEHICLE SIMULATOR

Simsoft's Heavy Vehicle Simulator provides driving training for using heavy vehicles that are difficult to drive. The following vehicles are simulated in Simsoft's Heavy Vehicle Simulators:

- Lorry
- Truck
- Wrecker
- Special Vehicles

Advanced Software Features

- High-Fidelity Vehicle Driving and Engine Dynamics
- Modeling of Body and Pushing Mechanism
- Modeling of Loading and Unloading Parts
- Traffic and Signalization Simulation
- Programmable Artificial Intelligence
- Configurable Assessment and Evaluation Infrastructure
- Recording and Replaying

Scenario Management & Production Tool

- Dynamic Criteria Definitions
- Driving Criteria
- Determination of Special Traffic Criteria
- Assessment and Evaluation
- Analysis and Reporting
- User Performance Analysis
- Graphical and Statistical Measurements

Advanced Hardware Capability

Sub-units which are simulated for the hardware and software in the different hardware configurations of bus simulators are listed below:

- Indicators
- Road Computer
- Automatic/Manual Gearshift
- Active/Passive Buttons
- Signal Groups
- Steering Wheel
- Pedals

Motion Platfom Capability

Supported by Different Motion Platforms

- 2DOF
- 3DOF
- 6DOF