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

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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
- Signal Groups
- Steering Wheel
- Pedals
- Active/Passive Buttons

Motion Platfom Capability

Supported by Different Motion Platforms
- 2DOF
- 3DOF
- 6DOF

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