

VR PROJECT - Event-Management

3D PRODUCTION ♦ ACTION EVENTS ♦ CINEMA TECHNOLOGY ♦ EVENT MODULE
ENTERTAINMENT ♦ EYE-CATCHER ♦ FORMULA 1 ♦ INFLATABLES ♦ LASER SHOWS
SHOW TECHNOLOGY ♦ SIMULATORS ♦ SPECIAL EFFECTS ♦ EVENT SERVICE
VIRTUAL REALITY ♦ PROMOTION ♦ SELLING & LEASING ♦ AFTER SALES SERVICE
DEVELOPMENT & PRODUCTION ♦ CROSS MEDIA PROGRAMMING
(Events - Presentation - Production - Leasing & Sales)



TRUCK DRIVING SIMULATOR

Real Truck Simulator

The Truck Driving Simulator is a fully instrumented RENAULT Premium Class (real cockpit) mounted on an electric 3-axis motion base or 6-axis (MOOG) and fitted with a highly sophisticated visual system. We are free to produce and install another real cabins.

The software is intended for driving license training, professional driver's periodic training (initial and ongoing training), maneuvering, eco-driving and traffic safety training.

The software exists in several languages such as German, French, English or Italian. In any event our software programs are easily translatable.

The Truck driving simulator has been officially recognized and certified for periodic training of professional drivers according to EU Directive 2003/59/CE (15 of July 2003 by the European Parliament).

The training is organized by the Instructor from a Tablet PC (also from Pads, Laptop, PC...)

A very complete toolbox enables the selection of wide possibilities of training and scenarios (varied weather and a spectacular variety of environments, configuring the vehicle characteristics and parameters as weight or loading ratio of trucks, scenario variants ...).

The Software offers a large selection of tools and modules to help the instructor and driver:

- An on-board computer guides the drivers during the driving phase.
- An instructional analysis tool helps the instructor to improve the educational analysis.
- A Recorder and Replay module combined to a 360° camera and zooming systems. *(Image per image, in slow-motion, sped-up or looped)*
- A complete result boards precisely evaluates the user's driving performances and mistakes. *(Each driver's results can be saved and edited)*
- Trainee's monitoring: driver's information and statistics are filed into a database. *(to consult or edit it at any moment for a perfect monitoring)*
- And much more!



Sophisticated Viewing Systems

To be able to satisfy your particular requirements, we provide two sophisticated viewing systems:

1/ "Circular Front Screen" providing a 200 degree dynamic field of view.

2/ "Three Front Screen" providing a 180 degree dynamic field of view (Comprising 3 Projection Screens and 3 Video Projectors)

Both are usable in house or a dedicated training room in low-light or day light conditions.



"Three Front Screen"



"Three Front Screen"



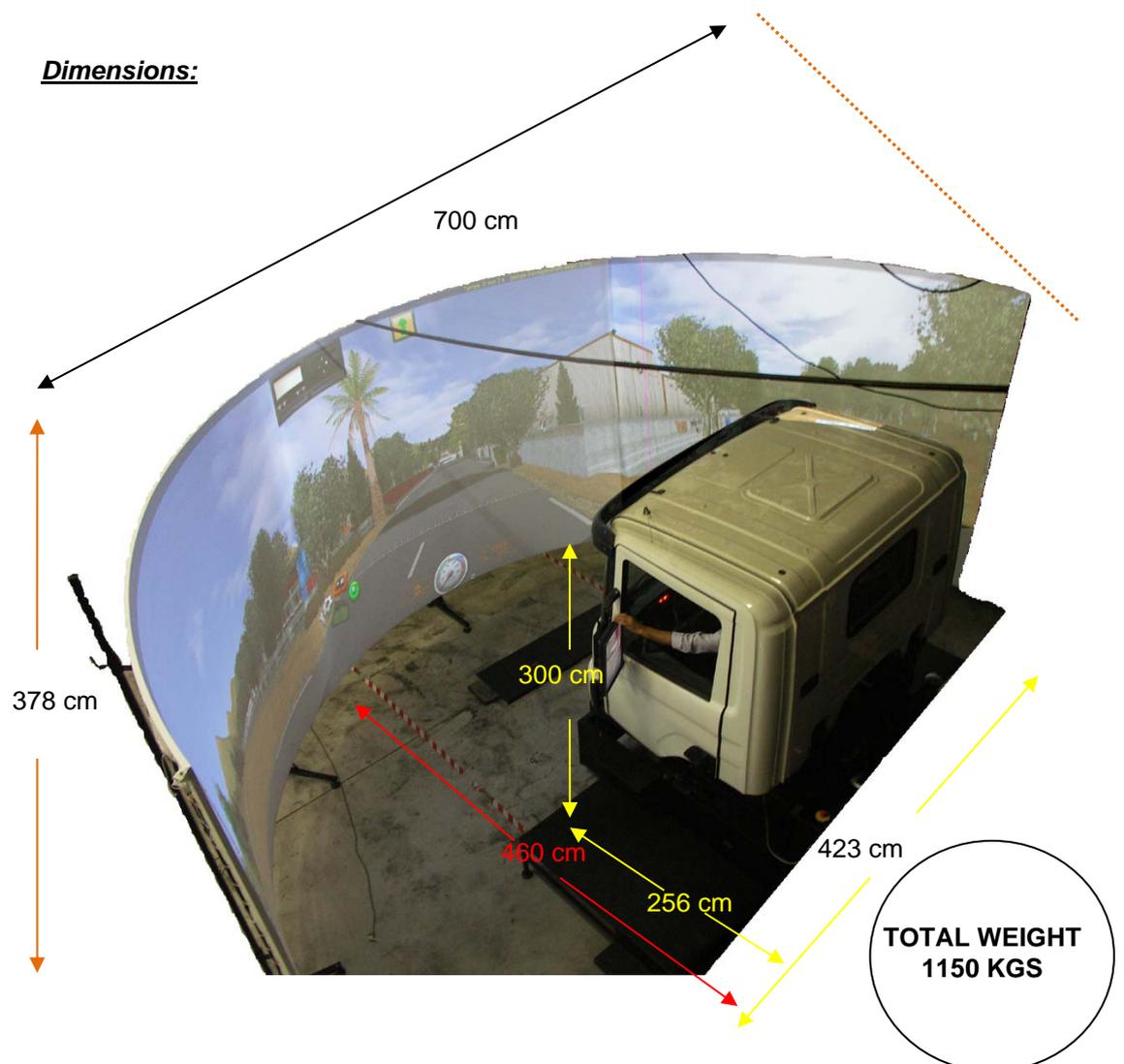
"Circular Front Screen"



Tablet-PC

BUS & LKW SIMULATOR

Dimensions:



External Rear-View Mirrors

The two rear-view screen (built-in display) adds more realism and enhances maneuvering. Indeed, they make the reversing, parking or docking exercises easier for the driver.



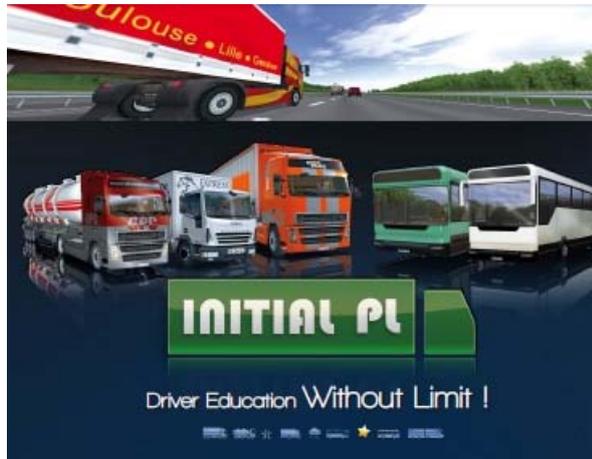
Furthermore, the rear-view mirrors are electronically adjustable.



Software

Powerful traffic school software

Optional: racing game software like truck race 2012



The optimale Truck-Cabine

Commercial Series cars that are built on a truck and used on public roads, for training simulation platform and fully functional, used. all controls are functional, the seat is supported on a cushion of air. Training centers and driving schools with the necessary infrastructure to benefit from the advantages of vehicle simulator cabin that characterized by an extremely high degree of realism.

Simulator

- Colour white
- 2 seats including seat belts and annunciator
- driver seat with adjustable height, backrest on an air cushion.
pressure regulated by a compressor, headrest with adjustable height
- 1 central console with shelves
- 1 steering wheel with big diameter and force feedback
- 3 appropriate force feedback pedals
- key function incl. 2 ignition positions
- 2 headlights
- 2 electrical windows
- Sun protection with shelves
- 3 mountings to get into the cabin (footboard, handhold right and left)
- 5-gear-transmission with reverse shift gear
- 3 pedals (clutch, brake and acceleration)
- seatbelt incl. Roll-in and fastening detection
- complete lightning equipment (daylight running light, parking light
also dimmed beam, winker, flash light, etc.)
- Wheel with horn
- Additionally the Operating of the software can be realized on a tablet-pc in the simulator

Visualization

- on a 180 degrees curved screen by using 3 projectors
- with 3 displays
- extra with 3 displays for On-Going-Training in the training center operator room

Computer

- computer DELL
- operating system: XP Home
- software pre-installed
- sound box and Headset for Trainee
- mouse and Keyboard
- RJ 45-connector and volt connector in the front plate

Software

- ROAD STAR INITIAL PL

Optional

3-axis (mobile base) with Vibration to install under the seat

Dimension

- picture ca. (LxWxH): 7,00 m x 4,60 m x 3,80 m
- on a motion platform
- weight 1.150 Kg

The optimal Truck-Cabine – customizing of the cabin is possible, optional with or without motion platform cabin, equipment and height on demand

Functions on the panel

- button for regulation of the rearview mirror
- buttons to regulate
 - – foglight on the front
 - – foglight on the back
 - – upper beam
- 3 positionlights regulator switches
- knob for regulating the height of the lights

- lever for permanent breaking system
- button for the automatic brake system
- button for the differential lock

Instruments

- Fuel level
- cooling water temperature
- oil temperature
- battery charge indicator
- rpm indicator
- tachograph

- switch for regulating the air condition
- switch for regulating the cabin temperature
- Alignment of ventilation
- Button for Outside lightning (not activated)
- flashing warning lights
- handbreak
- electrical socket
- ESP activating
- different shelves

Gear shift

- Etagen Gear shift
- – 8 gear transmission + 1 reverse gear
- – 1 short gear

Functions of the steering column

- winker
- horn
- parking lights and headlamp
- speed limiter
- wiper
- regulating of the steering wheel (height and orientation)
- electric force feedback

The instructor console was built for intuitive operating and does not require special computer skills. The software is based on known windows applications. It allows a simple handling of the system (menu buttons and icons etc.). All parameters are configurable. At the beginning all lessons are able to be established. The constructor can initialize some parameters by the help of a multiple choice interface (weather conditions, vehicle type and its parameters, car troubles etc.)

The instructor prepares the simulation and the database of the trainee. The system will be delivered with a specific library. For every software you will get 3 applications depending on the learning target:

- 1) Learning to drive vehicles with more than 3,5 tons
- 2) Certain driving
- 3) Economic driving

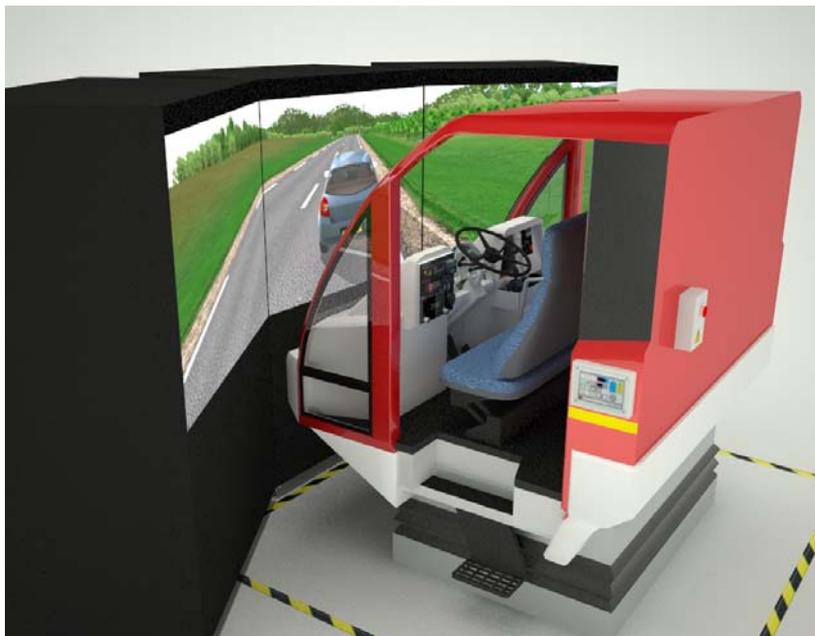
LKW-CABINE (Truck + Bus Simulator)**complete system, all-inclusive**

180° Curved Screen with 3 Projectors or 3 Display Viewing System

incl. Computer, Motion Base, Software: ROAD STAR PL

incl. warranty 1 year, optional maintenance contract

+ delivery, mounting



LKW-CABINE (*Fire Department Simulator*)

complete system, all-inclusive

180° Curved Screen or 3 Display Viewing System with 3 Projectors
 incl. Computer, Motion Base, Software: ROAD STAR FEUERWEHR
 incl. warranty 1 year, optional maintenance contract
 + delivery, mounting



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