

CONSTRUCTION MACHINERY SIMULATORS



Lessons and Scenarios

Our simulators include many scenarios as construction machinery recognition, safety measures and advanced using techniques.

- Construction machinery introduction
- Gauges introduction
- Joysticks introduction
- Attachments introduction
- Safety precautions
- Driving and maneuvering techniques
- Moving, stopping and parking
- Lifting applications
- Loading applications
- Scraping applications

Our simulation software raises awareness of safety by in-lesson practices.

- Safety tips
- Attention messages
- Safety warnings
- Safety infractions

Monitoring and Reporting

Our simulation software reports all parameters related to evolution of operator.

- Budget
- Cost
- Quantity of work
- Duration of work
- Fuel consumption
- Machinery wear
- Occupational parameters
- Combined parameters



Trainer Station



- Panoramic Image
- 6-DOF motion platform
- High Performance PC

- Real Machine Cabin
- Original joystick, pedals and hardware

Physical Dimensions

LxWxH 220x220x300cm

Electrical Specifications(W)

Power Supply: 3x380VAC, 120A(Peak)

TELEHANDLER SIMULATOR



Features

- Modern 3D graphics
- Realistic physics
- Realistic engine rpm, torque and hydraulic pressure calculations
- Accurate vehicle transmission simulations
- Different set of attachments for the vehicles
- Terrain deformation
- Detailed reporting
- Multiple external camera options for the trainer
- Different times of day, work at night selectable by the trainer
- Rich selection of lessons to cover all important aspects of the regarding vehicle
- Touch screen inputs or full cabin with complete set of physical inputs option
- Realistic physical vehicle pedals, levers and buttons
- 6-DOF motion feedback option
- Virtual reality support for both Oculus Rift and HTC Vive
- Different screen configurations
- Physical gauges

Risk & Costs Free Tools by SANLAB Simulation

- ⊖ Fuel Costs
- ⊖ Accident Risks to Staff
- ⊖ Occupational Safety Risk
- ⊖ Operating Costs
- ⊖ Maintenance Costs
- ⊖ Machine Downtime
- ⊖ Equipment Damage
- ⊖ Weather Restrictions
- ⊖ Worksite Restrictions
- ⊖ Emission

Reporting

At the end of every training session, a report is created and recorded. This report includes trainer name, trainee name, date, name of the training lesson, successes and mistakes of the trainee as well as spent time and fuel. These reports can be accessed any time and can be printed directly within the simulator software.

Telehandler Lessons

- Slalom
- Warehouse Loading
- Truck Unloading
- Ghost Loader
- Container Moving
- Lowbed Loading

