

DOZER SIMULATOR



Lessons and Scenarios

Our simulators include different scenarios on recognizing work machines, safety precautions and advanced usage techniques.

- Equipment recognition
- Recognizing indicators
- Getting to know the control levers
- Getting to know attachments
- Security precautions
- Driving and maneuvering techniques
- Walking, stopping, parking
- Straightening applications

Our simulators provide rapid transition to all working conditions in all scenarios.

- Different environmental conditions
- Different weather conditions
- Various working hours

Monitoring and Reporting

Our simulators report all parameters regarding the operator's development during training.

- Amount of work
- Time of work
- Fuel consumption
- Occupational safety parameters
- Mixed parameters



S-LINE 3DOF Motion System

- Portable and lightweight system
- Adjustable seat belt and armrests
- 3DOF moving platform
- Original joystick, pedals and equipment

Minimum System Requirements

Intel(R) Core(TM) i5 | 4 GB Ram | 120 GB SSD Harddisk | NVIDIA GeForce GTX1650
Windows 10 Home | Wireless Combo Keyboard+Mouse

Physical Measurements (Including TV and Kiosk)

LxWxH 350x240x190 cm

Electrical Properties(W)

Power Supply: 220 VAC 50 Hz 32A

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Features

- Modern 3D graphics
- Realistic physics conditions
- Realistic engine rpm, torque and hydraulic pressure calculations
- Sensitive and accurate transmission of vehicle reactions to the user
- Attachment sets for vehicles
- Ground deformation
- Detailed reporting
- Opportunity for the instructor to watch the training field from different camera angles
- Opportunity to train at different times of the day
- Rich course content that will cover all important aspects of the relevant tool
- Touchscreen input or full size cabinet option with all physical inputs
- Realistic physical vehicle pedals, levers and buttons
- 3DOF or 6DOF moving system options
- Different display configurations
- Physical indicators

Risk-Free and Cost-Free SANLAB Simulation Tools

- ⊖ Fuel Costs
- ⊖ Accident Risks for Employees
- ⊖ Occupational Safety Risk
- ⊖ Operating Costs
- ⊖ Maintenance Costs
- ⊖ Machine Downtime
- ⊖ Equipment Damages
- ⊖ Weather Restrictions
- ⊖ Construction Site Restrictions
- ⊖ Emission

Reporting

At the end of each training, a report is created and saved. This report includes instructor name, student name, time, course name, student's mistakes, successes, time spent and fuel information. These reports can be accessed at any time and printed directly within the simulator software.

Some Lessons

- Hill Driving
- Stacking
- Straightening
- Material Stripping
- Slope Cutting
- Soil Loosening

