

TDS-5000 Simulator

Training for the Future—Today

The TDS-5000 family of training simulators delivers maximum flexibility at minimum cost. The modular design allows configurations that range from ultra-portable laptop models to full-size control stands. All NYAB systems are designed to perform as independent units, or to operate as networked training stations for remote use. Networked configurations give instructors the tools to deliver interactive, real-time training sessions to more locomotive engineers, more conveniently, and at lower cost.



The TDS-5100 control stand is ultra-portable



TDS-5000

Features & Benefits

Advanced Graphics

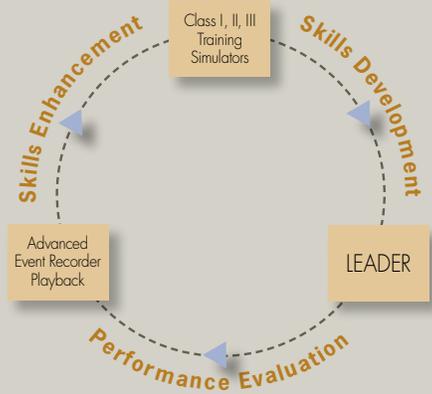
TDS-5000 systems offer the most advanced computer-generated graphics in the industry, and can generate all types of weather conditions. The superior capabilities of NYAB's CGI graphics greatly enhance the effectiveness of TDS-5000 simulators as an engineer training tool.



Real-time data display shows in-train forces, brake pressure, train's position, and operating parameters.

Results in Real Time

TDS-5000 simulators archive the training session. Instructors can create demonstration runs to illustrate techniques, and students can see their train handling results in real time. The patented "take-over" feature allows instructors to review trouble spots and hand back the simulation to the student at any point.



Fuel Savings

In combination with NYAB's patented Locomotive Engineer Assist Display Event Recorder (LEADER), TDS systems can record real world train runs and show locomotive engineers how to handle trains in the safest and most fuel efficient way possible.

High Return on Investment

TDS-5000 simulators provide a high return on investment in a number of key areas.

- Training—costs are reduced and the time crews spend away from their trains is minimized
- Documentation—TDS-5000 is a practical, cost-effective tool to use in FRA certification of locomotive engineers.
- Efficiency—TDS-5000 identifies more efficient operating methods, determines the benefits of altering traffic flow, and reduces fuel costs, track wear, and equipment damage.
- Accident investigation—TDS-5000 can assist in determining the root cause of an accident, can improve safety, and can reduce liability exposure.

Installation & Support

NYAB will supervise system installation, software configuration, and provide running footage of any track profile designated. Service contracts are available, and every TDS-5000 is supported by NYAB experts committed to making your TDS-5000 simulator purchase both productive and profitable.

www.nyab.com

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