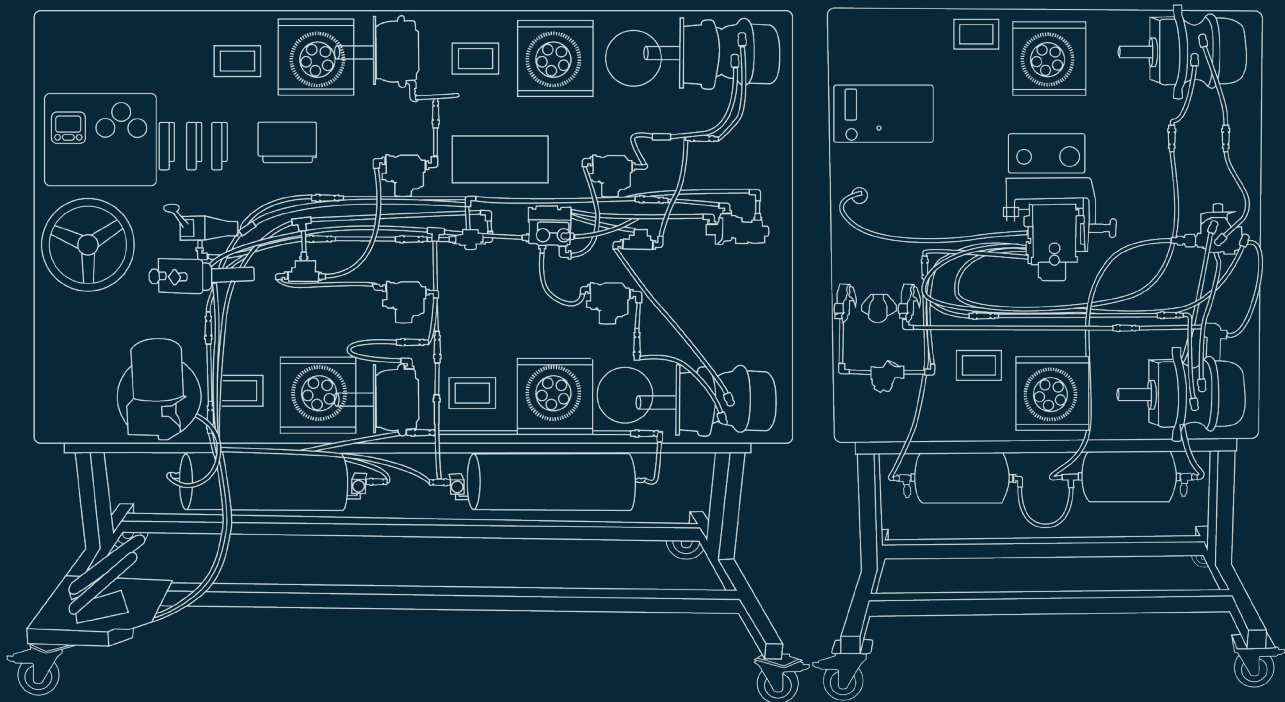




Air brake driving simulator





Meticulously designed as the premier air brake system training aid in the world. This product is comprised of a complete tractor and trailer air brake system with all DOT approved components; disc and drum brake systems, and all valving currently in use today. No legacy components here. This is the real deal.

EDUCATIONAL ADVANTAGES Imagine driving down the road with your class of students while demonstrating ABS, ATC and ESC functions on a complete air brake system with all students viewing the scan data and wheel speeds!

- Teach basic air brake inspections
- Liberate yourself from lengthy setup times and exercise development
- Be setup to teach in 5 minutes
- Challenge your students with basic, intermediate and advanced exercises
- 27+ pneumatic and electrical faults
- Support materials included

FEATURES

- FMVSS 121 compliant
- Demonstrates ABS braking events
- Individual tone wheels and electric motors driving each wheel
- Demonstrates trailer sway and ESC
- Real accelerator and brake pedals
- Live J1939 CAN bus network
- Datalink connector for scan tool
- Dynamic driving simulation up to 54 mph (88 km/h)
- Individual wheel speed displays
- Fits through a standard doorway

MAIN COMPONENTS

- [™]Bendix EC-60 ECU for the tractor
- [™]Bendix TABS-6 ECU for the trailer
- Disc and drum air brake chambers
- [™]Bendix AD-IS dryer w/integrated wet tank





**AVAILABLE FOUNDATION
AIR BRAKE WHEELS ENDS**

- HV-124-DV_053319**
Air Disc with Spring Brake for HV-125
- Trailer axle disc brake with parking and service brakes
 - Cutaway view of caliper to see mechanical actuation
- HV-124-DM_053320**
Air Drum with Spring Brake for HV-125
- Trailer axle drum brake with parking and service brakes
 - Cutaway allows visualization of foundation brake actuation
- HV-124-FDM_053321**
Front Air Drum with no Spring Brake for HV-125
- Truck steering axle drum brake with service brake
 - Cutaway view of drum allows full visual of operation

OPTIONAL EQUIPMENT

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- Removable breakout box include sets of T-harnesses that allow non-invasive electrical component testing by use of OEM
- male and female connectors and provided 2mm test points.

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- NEXIQ USB link 2 communication interface

30256

- Set of defective components for fault insertion to facilitate
- student diagnosis assignments:
 - TMBendix WS-24 Wheel Speed Sensor
 - TMBendix ABS Modulator Valve (2 each)
 - TMBendix Quick Release and Double Check Valve
 - TMBendix ATR-6 Traction Relay Valve

TECHNICAL INFORMATION

- **Dimensions:**
 - Tractor Panel : 86 x 69 x 32 in (218.4 x 175.3 x 81.3 cm) / 90 x 75 x 48 in (254 x 190.5 x 121.9 cm) with packaging
 - Trailer Panel: 52 x 69 x 32 in (132.1 x 175.3 x 81.3 cm) / 56 x 75 x 48 in (142.2 x 190.5 x 121.9 cm) with packaging
- **Weights:**
 - Tractor Panel : 744 lb (338.1 kg) / 844 lb (383.64 kg) with packaging
 - Trailer Panel : 450 lb (204.5 kg) / 510 lb (231.8 kg) with packaging
- 140psi air supply
- 120VAC 15A

