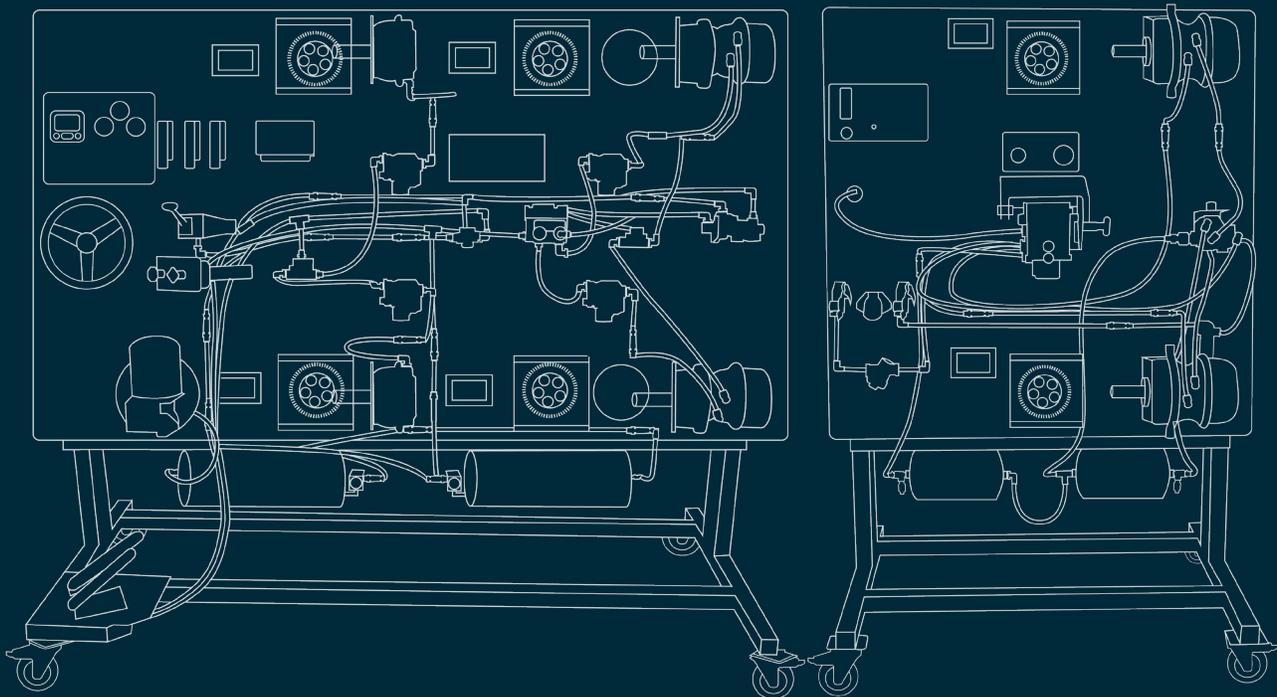


HV-125-BWP\_053334



# 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

### OPTIONAL EQUIPMENT 30255-7

- 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.

### 93788

- NEXIQ USB link 2 communication interface

### 30256

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



**AVAILABLE  
FOUNDATION AIR  
BRAKE WHEELS ENDS**

- HV-124-DC\_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
  - Optional Vinyl dust cover for HV-124 (24082-25)
  
- 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
  - Optional Vinyl dust cover for HV-124 (24082-25)
  
- 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 Vinyl dust cover for HV-124 (24082-25)

**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

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more about this product

