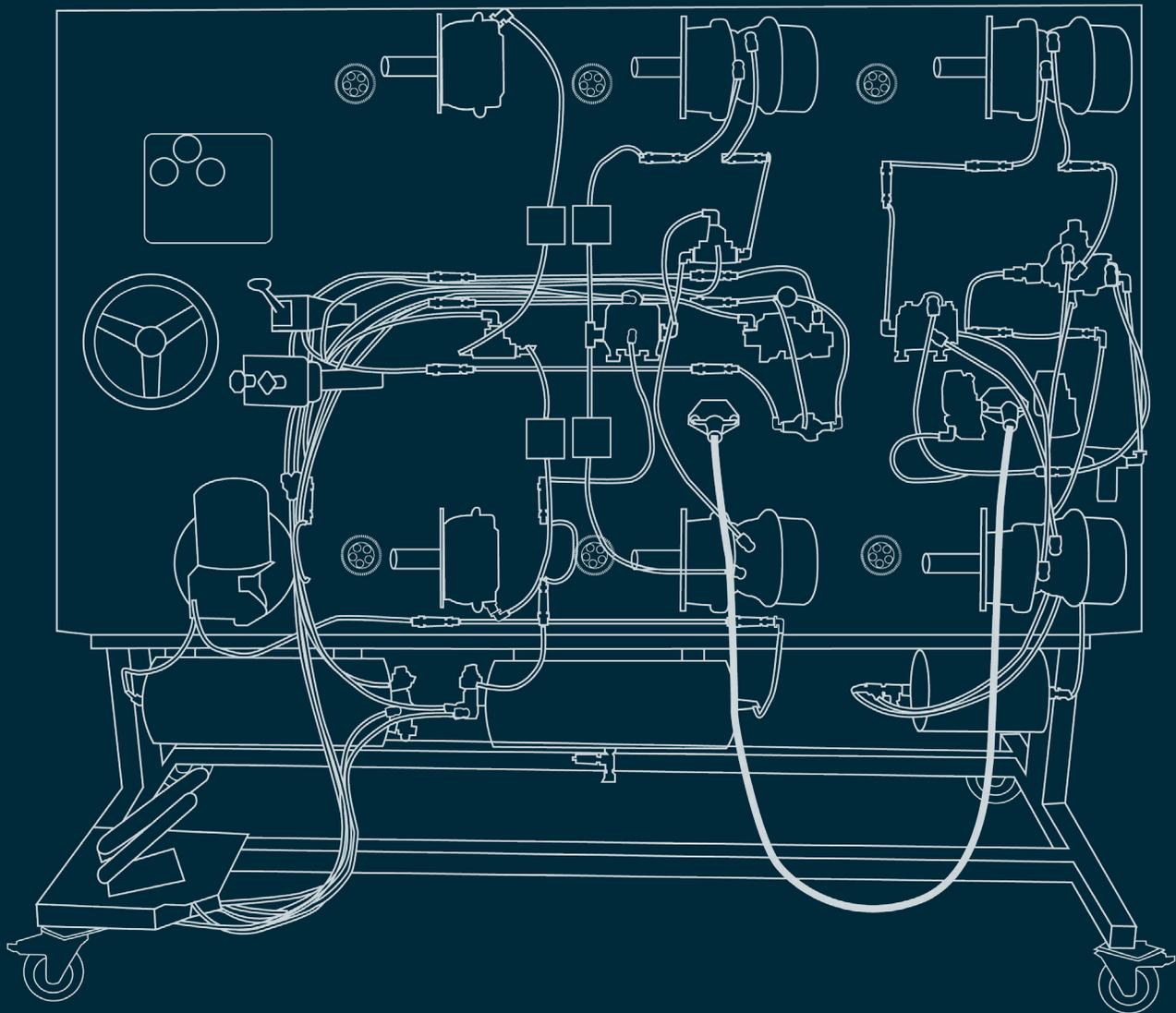




Foundation Air Brakes for Driver Training





The ConsuLab HV-120 Foundation air brakes for driver training has everything you need for teaching the fundamentals of pneumatics, air brake component function and terminology, all using DOT approved and FMVSS121 standard circuits, components, and functionality.

FEATURES

- Industry standard glad-hands are used to connect the tractor and trailer together.
- All air connections are made using D.O.T. approved push-to-connect fittings. This also allows testing for pressure at multiple locations.
- The Bendix AD-IS air dryer is used that includes a wet tank and safety valve for over pressure protection. This means that there are just two primary and secondary tanks for the main system.
- Many of the components are mounted to the board using thumbnuts so that the components may be removed without any tooling.
- 9 pneumatic faults
- Blockages
- Leaks
- Demonstrate real world problems
- Key connections are equipped with auto-exhausting shutoff valves to facilitate testing and measurement for troubleshooting and problem solving the various inserted system faults.

CURRICULUM

- Includes operation manual, pneumatic schematics with and without faults, instructors guide and student assignments.

SAFETY

- All air tanks have drain valves and are equipped with safety valves set at 150psi.
- All actuating rods coming out of the brake chambers are fully protected and enclosed in transparent cylinders to ensure student safety.
- There are valves on both the primary and secondary tanks that allow an instructor to interrupt the supply circuits without draining the tanks.

TECHNICAL INFORMATION

- The trainer requires a regular 120VAC 15A outlet, and 140PSI air, to operate.

UNIQUE FEATURES

- Includes curriculum
- 15+ student exercises
- Product training available
- How-to use video
- FMVSS121 compliant
- DOT approved fittings
- Retains no obsolete 1970s parts or configurations
- Design based on 2021 truck fleet parts
- Pneumatic faults
- Optional HV-124 air brake wheel ends (front drum, trailer drum, trailer disc) available for real self-adjusting slack adjuster function

Scan this QR code for more about this product

