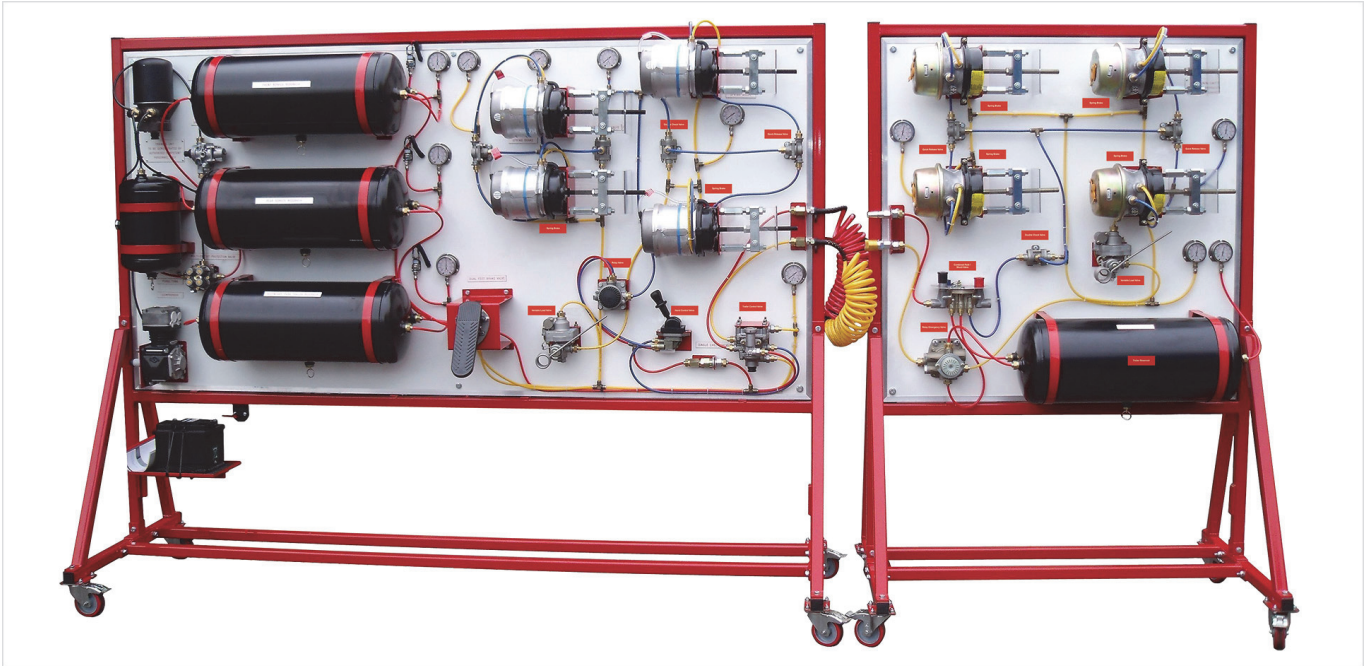


Product Information Sheet

Air Brake Tractor/Trailer System Trainer



This comprehensive, panel-mounted system provides a fully operational 2-line air brake system, as fitted to a typical heavy vehicle tractor and trailer unit.

The trainer features quick-fit connectors over the whole board. By limiting the spring actuators at full travel (200mm) and by using 8mm pipes, we have slowed down system operation to allow students to observe the full operation of the various components.

All the components used on this trainer are commonly available and are representative of a typical system used on medium- and heavy-duty trucks.

This resource is supplied with a manual containing practical tasks and activities.

The trainer can also be used in conjunction with our optional cloud-based software, which offers online interactive theory presentations, investigations, and assessments, which support the practical activities, carried out using this resource.

Topics Covered Include:

- Normal brake operation
- Normal reservoir operation
- Parking brake apply/release
- Trailer connection and braking
- Operation of trailer control valve
- Tractor/trailer connection
- Trailer park brake operation
- Trailer disconnection and evacuation

- Operating air pressures around the system
- Measurement of air pressures using pressure gauges
- Operation of load sensor valve

Items Included:

- Trainer
- Power supply unit (12V 5A)
- Practical activity manual

Other Items Required:

- Automotive workshop tools
- Air supply (120 PSI)

General Information:

Tractor:

Trainer Dimensions (W x D x H):
2730 x 840 x 1870 mm / 107 x 33 x 74 inches

Packed Volume: Approx. 6.21m³ / 219ft³

Packed Weight: Approx. 414kg / 915lb

Packed Dimensions (W x D x H):
2770 x 1000 x 2240 mm / 110 x 40 x 89 inches

Trailer:

Trainer Dimensions (W x D x H):
1340 x 840 x 1870 mm / 53 x 33 x 74 inches

Packed Volume: Approx. 3.36m³ / 119ft³

Packed Weight: Approx. 262kg / 580lb

Packed Dimensions (W x D x H):
1500 x 1000 x 2240 mm / 60 x 40 x 89 inches

The image shown is for illustrative purposes only – actual product may vary due to product enhancement.

Order Code: 778-01

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