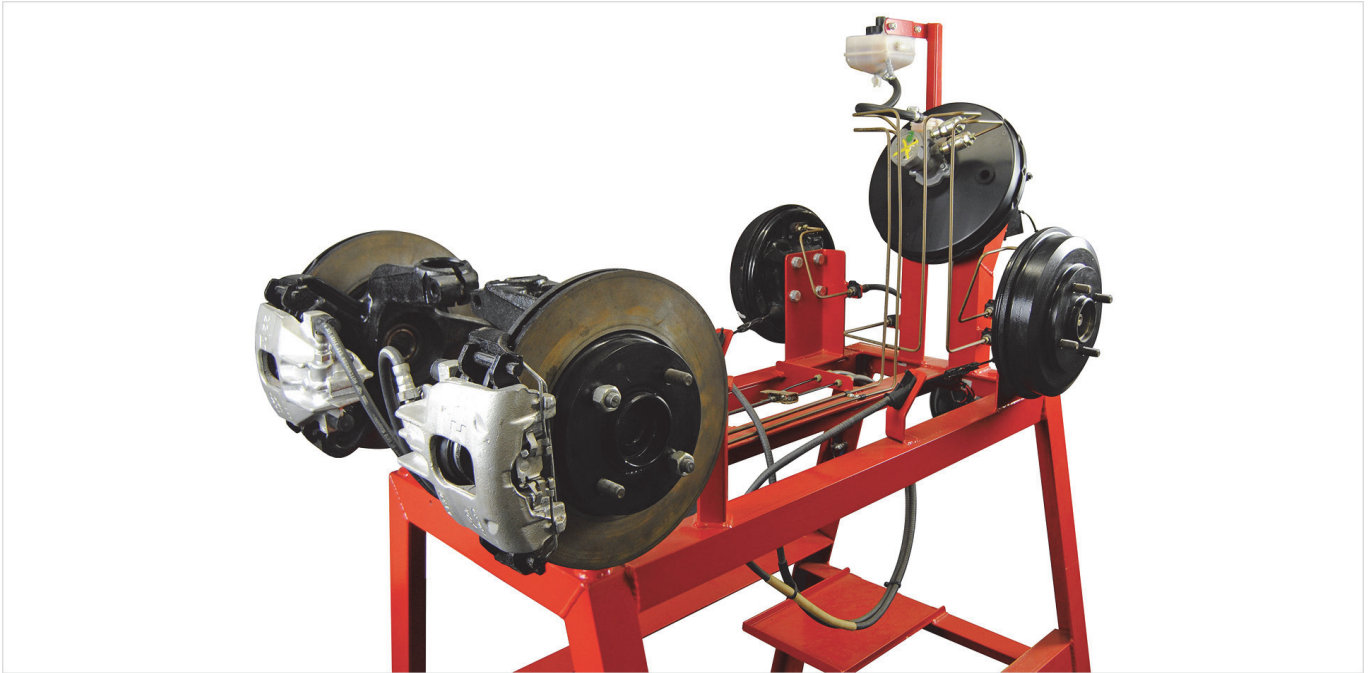


## Product Information Sheet

### Disc and Drum Braking System Trainer



This real component-based trainer provides students and instructors with the opportunity to demonstrate and investigate the operation of a typical automotive braking system. The trainer is designed to allow access to disc and drum brake components, as well as providing the opportunity to understand the operation of the hydraulic circuit.

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

#### The Trainer Includes the Following Components:

- Handbrake assembly
- Diagonally split hydraulic circuit
- Master cylinder
- Brake fluid reservoir
- Brake pedal and light
- Front hubs, discs and callipers
- Rear hubs and drums

#### Typical Practical Tasks Include:

- Friction brake theory
- Drum brake components and operation
- Disc brake components and operation
- Drum brake machining
- Drum brake servicing
- Calliper servicing
- Disc measurement and inspection
- Handbrake components and operation
- Remove, clean, and inspect brake shoes, springs, pins, clips, levers, adjusters, and backing support plates

- Remove, clean, inspect, and measure brake drums
- Remove, inspect, and install wheel cylinders
- Pre-adjust brake shoes and handbrake
- Mount brake drum on lathe; machine braking surface
- Remove, clean, and inspect pads and retaining hardware
- Remove, clean, inspect, disassemble, reassemble, lubricate, and reinstall calliper assembly
- Clean, inspect, and measure brake disc with a dial indicator and a micrometer
- Remove and replace brake disc
- Check handbrake cables and components for wear, rusting, binding, and corrosion
- Adjust callipers with integrated handbrake system
- Diagnose poor stopping, noise, pulling, grabbing, dragging, or pedal pulsation concerns

#### Items Included:

- Trainer
- Power supply unit (12V 5A)

#### Other Items Required:

- Automotive workshop tools

#### General Information:

Trainer Dimensions (W x D x H):  
1200 x 800 x 1410 mm / 47 x 32 x 56 inches

Packed Volume: Approx. 2.17m<sup>3</sup> / 77ft<sup>3</sup>

Packed Weight: Approx. 215kg / 475lb

Packed Dimensions (W x D x H):  
1444 x 946 x 1590 mm / 57 x 38 x 63 inches

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

**Order Code: 763-01**

P8492-C

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