

Product Information Sheet

Common Rail Diesel Engine (CAN Control) Trainer



This trainer provides the instructor with a complete common rail diesel engine with an engine management system for group or whole-class demonstration. It is mounted on a moveable, heavy-duty, steel frame. The system comprises all the elements that control the injector timing and the exhaust emissions together with the ECU and all the sensors and actuators associated with the control system.

The system is expandable to enable fault conditions to be inserted and for these faults to be diagnosed with specialist test equipment.

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.

Trainer Enables Demonstrations of the Following:

- The position and mounting of all engine components
- Engine management system fundamentals
- The electronic control unit (ECU)
- Sensor components
- Actuator components
- Pressurized fuel systems
- Fuel injection components
- Turbocharger components
- Exhaust emission control components
- Fault finding

Items Included:

- Trainer
- Practical activity manual

Other Items Required:

- Fuel
- Diagnostic equipment
- Battery (12V 44Ah)

General Information:

Trainer Dimensions (W x D x H):
1200 x 1400 x 1400 mm / 47 x 55 x 55 inches

Packed Volume: Approx. 3.6m³ / 127ft³

Packed Weight: Approx. 550kg / 1215lb

Packed Dimensions (W x D x H):
1524 x 1474 x 1579 mm / 60 x 59 x 63 inches

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

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