



This trainer provides the instructor with a complete 4-cylinder diesel engine for group or whole-class demonstration, mounted on a moveable, heavy-duty steel frame. The engine is operated by hand and is sectioned so that all moving parts can be seen and the way they interact can be observed.

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

Our optional cloud-based programme, which provides interactive online theory presentations, investigations, and assessments to accompany the practical tasks done with this resource, can also be utilised in conjunction with the trainer.

The trainer allows the instructor to demonstrate the following:

- The position and mounting of all engine components
- The operation of crankshaft and pistons
- The timing relationships between engine components

Trainer System Includes:

- Fully-sectioned 4-cylinder diesel engine
- Exposed colour-coded components include:
 - Cylinders
 - Pistons
 - Cylinder head and valves
 - Diesel injection system
 - Cooling system
 - Oil system
 - Alternator
- Stand with castors
- Handle for manually rotating engine

Note: Specifications are subject to change.