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Cutaway Educational Diesel Engine – 4 Cylinder

Tesca's Cutaway Educational Diesel Engine offers a realistic, motorized demonstration of internal combustion principles. Featuring a 4-cylinder, 4.4 L displacement engine with **Common Rail/Bosch VP44 injection**, the model is precision-cut and enclosed in **plexiglass** for maximum visibility. Ideal for institutions focused on hands-on engine training.

Key Features

- ✔ **Functional Cutaway Design:** Highlights engine internals with realistic structure
- ✔ **Motorized Rotation:** Operates at safe speeds (0.5–2 kW motor) for live movement
- ✔ **Fuel Injection Insight:** Demonstrates both **Common Rail** and **Bosch VP44** systems
- ✔ **Safe Viewing:** Transparent **plexiglass** covers for moving parts and cut sections
- ✔ **Compact & Mobile:** Training-ready footprint suitable for classrooms and labs



Technical Specifications

Parameter	Specification
Engine Type	4-Cylinder Diesel (Cutaway)
Displacement	4.4 Liters
Power Output	Approx. 75 kW (original spec)
Injection Systems	Common Rail + Bosch VP44
Drive Motor	0.5 to 2 kW (for rotation)
Visibility	Plexiglass-Enclosed Cutaway Sections
Dimensions (L×W×H)	Approx. 1.5 × 1 × 1 meters
Mounting	Rigid Frame with Lockable Wheels
Safety Compliance	Educational Lab Standard (CE Equivalent)

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com