



Specifications

- **Engine Type:** Air-cooled single-cylinder four-stroke diesel engine with direct injection.
- **Power Output:** Typically, around 6 HP (4.5kW) at 2700 RPM.
- **Compression Ratio:** 22:1
- **Bore:** 80mm
- **Stroke:** 69mm
- **Dimensions:** Overall dimensions are approximately W 1000 x 800 x 1200mm
- **Weight (approx.):** 280kg
- **Dynamometer:** Equipped with an eddy current type dynamometer for loading.
- **Control System:** The engine is started and controlled manually, with an electric motor for speed adjustment.
- **Data Acquisition:** The setup includes computerized performance analysis software (e.g., "Enginesoft") for real-time data logging and performance evaluation.

Additional Features

- Manual control of the engine.
- A calorimeter for measuring exhaust gas heat.
- Capability to conduct various experiments, including performance tests and heat balance tests.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com