SCIENTICO INDIA
Manufacturer & Exporter · Ambala, Haryana, India

PRODUCT DATA SHEET
Catalogue reference for product evaluation

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Cut Section Model of Four Stroke Petrol Engine | Torquemaster-34

Category: Automobile Engineering Lab Equipment · **Order Code:** TORQUEMASTER-34 · **Country of Origin:** India

Product Overview

Cut Section Model of Four Stroke Petrol Engine Torquemaster-34 is carefully sectioned to reveal internal constructional details and demonstrate the working of valves, pistons, pumps, crank and camshaft. Built by a specialist Cut Section Model of Four Stroke Petrol Engine Manufacturer, this dissectible model has a 160cc displacement, 6 hp power output, overhead valves, and a camshaft in the crankcase, along with an rpm regulator, oil pump, carburetor, air filter, silencer and tank. It is manually operated through a crank handle, mounted on a sturdy iron frame with flywheel, and weighs approximately 35kg.

View this product online: https://scienticoindia.com/product/cut-section-model-of-four-stroke-petrol-engine-torquemaster-34/



Request a model-specific quotation
Include quantity and delivery country.

Technical Specifications

Cut Section Model of Four Stroke Petrol Engine Torquemaster-34 — Technical Specifications

Parameter	Value
Operation	Manually operated (through a crank handle)
Equipment Layout	On base
Finish	Fine finish
Operation Type	Simple operations
Accuracy	Functional accuracy
Displacement	160cc
Power	6 hp
Camshaft	In the crankcase
Valves	Overhead valves
Speed Control	Rpm regulator
Lubrication	Oil pump
Fuel System	Carburetor
Air Filter	Included
Silencer	Included

Parameter	Value
Tank	Included
Length	500 mm (approx.)
Width	500 mm (approx.)
Height	600 mm (approx.)
Weight	35kg (approx.)

Technical Data

Engine Specification

Parameter	Value
Displacement	160cc
Power	6 hp
Camshaft Location	In the crankcase
Valve Type	Overhead valves

Auxiliary Systems

Parameter	Value
Rpm Regulator	Included
Oil Pump	Included
Carburetor	Included
Air Filter	Included
Silencer	Included
Tank	Included

Operation

Parameter	Value
Method	Manual, through crank handle
Layout	On base

Dimensions and Weight

Parameter	Value
Length	500 mm (approx.)
Width	500 mm (approx.)
Height	600 mm (approx.)
Weight	35kg (approx.)

Key Features

Key Features

- **Operation:** Manually operated through a crank handle
- **Layout:** Equipment mounted on base
- **Finish:** Fine finish with functional accuracy
- **Ease of Use:** Simple operations

- **Displacement:** 160cc
- **Power Output:** 6 hp
- **Camshaft Position:** In the crankcase
- **Valve Type:** Overhead valves
- **Speed Control:** Rpm regulator
- **Lubrication System:** Oil pump
- **Fuel Delivery:** Carburetor
- **Air Filtration:** Air filter included
- **Noise Reduction:** Silencer included
- **Fuel Storage:** Tank included
- **Mounting:** Flywheel provided, mounted on sturdy iron frame
- **Documentation:** Supplied with key card and literature on working
- **Manufacturing Standard:** Built by a leading Cut Section Model of Four Stroke Petrol Engine Manufacturer for practical engine training

Construction and Design

The Cut Section Model of Four Stroke Petrol Engine Torquemaster-34 is sectioned to show internal constructional details. It is professionally painted with different colours to differentiate parts, cross-sections, lubricating circuits, fuel system, and cooling system. Many parts have been chromium-plated and galvanized for a longer life. The working of individual parts and accessories, including valves, pistons, pumps, crank and camshaft, is demonstrated. A flywheel is provided, and the model is mounted on a sturdy iron frame. The engine is specially made dissectible for demonstration purposes. It is supplied with a key card and literature regarding its working. The engine has a displacement of 160cc and a power output of 6 hp. The camshaft is located in the crankcase, and the valves are overhead type. An rpm regulator, oil pump, carburetor, air filter, silencer and tank are included. The unit is operated manually through a crank handle and laid out on a base. As a dedicated Cut Section Model of Four Stroke Petrol Engine Manufacturer, SCIENTICO India builds this construction to combine fine finish, simple operation and functional accuracy for effective classroom demonstration.

Ordering & Delivery

- Send the product name, quantity, delivery country and destination with your enquiry.
- Production schedule, freight, payment terms and export documents are confirmed in the written quotation.

Frequently Asked Questions

Q: What is the Cut Section Model of Four Stroke Petrol Engine Torquemaster-34 used for?
A: It is used to demonstrate internal constructional details and the working of individual parts and accessories such as valves, pistons, pumps, crank and camshaft in a four stroke petrol engine.

Q: What is the displacement and power of the engine?
A: Displacement is 160cc and power is 6 hp.

Q: How is the engine model operated?
A: It is operated manually through a crank handle, with equipment layout on base.

Q: What auxiliary systems are included?
A: Rpm regulator, oil pump, carburetor, air filter, silencer, and tank.

Q: What are the dimensions and weight of the model?
A: L x W x H (approx.): 500 x 500 x 600 mm, weight (approx.): 35kg.

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