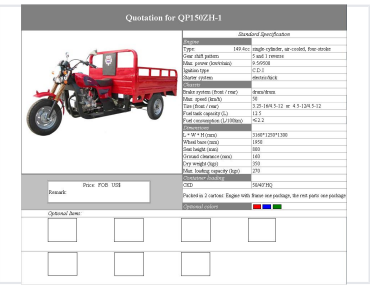
MERHEIN
Technical Datasheet

10 April 2026

149cc Air-Cooled Single-Cylinder Cargo Tricycle

This cargo tricycle is powered by a 149.4cc single-cylinder, air-cooled, four-stroke engine. It has a maximum loading capacity of 270 kgs and a fuel tank capacity of 12.5 liters.



Product Overview

Robust Cargo Transport Solution

The 149cc air-cooled cargo tricycle is engineered for reliable utility and efficient transport in demanding environments. This robust three-wheeled vehicle combines a durable 149.4cc four-stroke engine with a versatile 5-speed gear system, ensuring it can handle various load requirements with ease. Designed for long-term operational efficiency, it features an economical fuel consumption rate and a heavy-duty chassis capable of supporting significant payloads.

Engine & Performance

Maximum Power

9.5 kw	9500 rpm
Power Output	at RPM

Displacement	149.4 cc
Maximum Speed	50 km/h

Technical Specifications

Dimensions (L x W x H)	3160 x 1250 x 1300 mm
Fuel Consumption	d2.2L/100km
Fuel Tank Capacity	12.5 L

Capacity & Weight

Dry Weight	350 kgs
Maximum Loading Capacity	270 kgs

Operational Features

Transmission	5 Forward / 1 Reverse
Starter System	Electric, Kick

Logistics

Shipping Configuration	CKD format, packed in 2 cartons (Engine with frame, and parts)

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