

Four-Wheel Drive Off-Road Engineering Vehicle

This four-wheel drive off-road engineering vehicle utilizes a robust chassis for excellent off-road capabilities. It is suitable for rescue operations, road construction, and material transportation in harsh environments.



Overview

Rugged Engineering Capability

This four-wheel-drive off-road engineering vehicle is designed to tackle the most demanding environments, from disaster relief operations to heavy-duty material transport. Built on a classic off-road chassis, it offers exceptional mobility on harsh terrain and is engineered for maximum durability. With a versatile cargo platform and robust mechanical specifications, this vehicle serves as a reliable workhorse for construction, mining, and industrial sectors.

Performance

Basic technical condition	
Engine	Dongfeng Cummins B170 33
Gearbox	Mechanical gears, five forward blocks, a reversing
Front axle	2.8 tons
Rear axle	4.2 tons
Cab	Dongfeng flat head D912
tyre	11.00R18 (4 + 1)
Electrical appliance	24V circuit system
other	Optional winch, heater, air conditioning, water dispenser, reversing image

Technical layout and mechanical specifications of the engineering vehicle.

Engine Metrics

125 kW

Maximum Power

560 N.m

Max Torque

5900 ml

Displacement

Off-Road Specs

Feature	Value
Approach Angle	29.5°
Departure Angle	17.6°
Max Fording Depth	570 mm

Technical Specifications

Basic parameters		
Size parameters	Overall Dimensions (length × width × height) (mm)	6935 × 2180 × 2780
	Cargo box size (length × width × height) (mm)	2580 × 2100 × 600
	Wheelbase (mm)	3730
	Approach Angle/ departure angle (°)	29.5 / 17.6
Quality parameters	Total mass (kg)	7000
Performance parameters	Maximum power (kW)	125
	Displacement (ml)	5900
	MAX. torque (n.m)	560
	front suspension (mm)	900
	rear suspension (mm)	1000
	MAX. fording depth (mm)	570
	Tank capacity (L)	100

Detailed chart outlining physical dimensions and performance capabilities.

Vehicle Dimensions

- Overall: 6935 x 2180 x 2780 mm
- Cargo Box: 2580 x 2100 x 600 mm
- Wheelbase: 3730 mm

Axle Capacity

- Front Axle: 2.8 tons
- Rear Axle: 4.2 tons

Total Mass

7000 kg

Equipment & Features

Available Options

Winch, Heater, Air Conditioning, Water Dispenser, Reversing Image System

Electrical System

24V circuit system