

4Wheeled-OHE Car (Inspection and Maintenance of Railways' OHE)



- Meant for periodic inspection, patrolling and maintenance of overhead equipment on electrified broad gauge rail routes
- Used to attend sites of breakdown of overhead equipment

Functionalities:

- Drivers Cab at both ends
- Lifting & Swiveling Platform (Hydraulic)
- Material Storage Space
- Work Bench
- OHE Mast Guides
- Roof mounted pantograph for checking OHE parameters
- Intercom facility between Driver cab and lifting platform

Track Data	Rail Gauge	1676mm
	Minimum Curve Radius	175 mtrs
	Maximum Gradient	1 in 100
	Basic Specifications	
	Gross Weight	32.00 tonnes
	Tare Weight	22.00 tonnes
	Maximum Operation Speed	75 kmph
Car Body Dimensions in mm	Length over body	8,500
	Width over body	3,200
	Height from rail to top of roof:	4,260
Engine	NT 855 R of Cummins; 152 kW (205hp) @ 2,100 rpm	
Transmission	Automatic Hydrodynamic with KTC 100.20, Power Shift Electro-Pneumatic Gear Shift	
Final Drive	Axle Mounted Helical Gear Box	
Axles	Solid forged, 16 Tonne Capacity one powered Axle and one trailing Axle.	
Brakes	<ul style="list-style-type: none"> • Compressed Air Brake <u>Service Brake:</u> Self lapping, Gradual Application Gradual Release <u>Emergency Brakes:</u> Relay Emergency valve in service brake system and separate back up emergency Brake valve. <u>Parking Brake:</u> Air Assisted Spring brake chamber	
Suspension	Single stage with Vertical Guide arrangement having Helical Spring and shock absorbers	
Supplied	10Nos.	