



## 8 Wheeler OHE Inspection Car

### Functions

- ◇ 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
- ◇ Capable of erecting small lengths of catenary and contact wires.

### Facilities available

- ◇ Drivers Cab at both ends
- ◇ Staff Cabins
- ◇ Kitchenette
- ◇ Workshop
- ◇ Lifting & Swiveling Platform (Hydraulic)
- ◇ Observation Dome
- ◇ DG Sets
- ◇ Cable Drum Mounting Brackets
- ◇ OHE Mast Guides
- ◇ Roof mounted Pantograph for checking OHE parameters
- ◇ Intercom facility between Driver cab and Lifting Platform

### General Specifications

<b>Max. speed</b>	110 kmph	
<b>Hauling capacity</b>	60 tonnes self weight and 60 tonnes trailing load	
<b>Engine</b>	Single Power Pack (Model 901)	Double Power Pack (Model 902)
Type	KTA 19R of Cummins	NT 855 R-4 of Cummins
Power	388 kW (530 hp) @ 2100 rpm	2x213 kW (2x285 hp) @ 2100 rpm
<b>Hydrodynamic, Auto Transmission</b>	T311-r-of-Voith	T 211-r-of-Voith
<b>Final Drive</b>	Axle mounted Helical Gear Box	
<b>Brakes</b>	Compressed air brakes with integrated block brake units	
<b>Service Brakes</b>	◆ Gradual application and gradual release type applied on all wheels.	
<b>Parking Brakes</b>	◆ Manually operated	
<b>Axles</b>	◆ One Powered Axle and Three Trailing Axles for Single Power Pack ◆ Two Powered Axles and Two Trailing Axles for Double Power Pack	
<b>Bogies</b>	Two stage suspension with box section fabricated frame	
<b>Dimensions (in mm)</b>		
Track Gauge	1,676	
Length	21,336 (over body)	
Width	3,250	
Height	3,250	