|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **4Wheeled-OHE Car** (Inspection and Maintenance of Railways’ OHE ) | | | | |
| 4wohe | | | | |
| * 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  Width over body  Height from rail to top of roof: | | 8,500  3,200  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** | * Compressed Air Brake Service Brake: Self lapping, Gradual Application Gradual Release Emergency Brakes: Relay Emergency valve in service brake system and separate back up emergency Brake valve. Parking Brake: Air Assisted Spring brake chamber | | | |
| **Suspension** | Single stage with Vertical Guide arrangement having Helical Spring and shock absorbers | | | |
| **Supplied** | 10Nos. | | | |