

Maintenance Equipment



8W D ETC Diesel Electric Tower Car

1676mm

Rail Gauge (BG)

8W

340HP

@1800rpm -Diesel Engine

- Engine: Dual power pack (under slung diesel engine)
- Transmission : Traction Alternator along with Power Rectifier, two traction motors on each bogie (Three phase DC transmission system)
- Coupler: CBC coupler to RDSO spec. 56-BD-07.
- Brake System: Panel mounted air brake system
- 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 and restoration of damaged small lengths of catenary and contact wires.

Drivers Cab at both ends, Staff cabins, Workshop, Lifting & swiveling Platform (Hydraulic), Observation Dome, Battery Charger, DG Sets, Cable Drum Mounting Brackets, Roof mounted Pantograph for checking OHE parameters, Intercom facility between Driver cab and lifting platform, CCTV, Thermal Image Camera, Cabin Heater, etc.,

MAX. Speed	110 kmph
Axle Load (max.)	20.32 Tonnes
Braking System	Panel mounted Air brake system to RDSO spec. MP-0.01.00.19 (Rev-01)
Bogie	Wheel Arrangement- Bo Bo two Stage suspension Primary with Helical & Secondary with Air Spring
Propulsion System	<ul style="list-style-type: none">• Motive power of 340 HP @ 1800 RPM from Diesel Engine coupled to 3phase Traction alternator with power output of 230 kW.• 4 Traction Motors of 187 kW @ 1520 RPM per car.
Hauling Capacity	80.29 Tonnes self weight and 120 Tonnes trailing load
Engine	Two independent under slung naturally aspirated, turbo-charged and after cooled diesel engines.
Power	340HP @ 1800 rpm
Brakes	All wheels with clasp brakes (brake rigging)
Service Brakes	Pneumatic
Parking brakes	Pneumatically operated

Customer

- INDIAN RAILWAYS

Basic Dimensions (in mm)

Track Gauge	1676 (BG)
Wheel diameter	952
Wheel base	2896
Length over body	21336
Length over buffer	22296
Width over body	3250
Distance between Bogie centers	14783