8W-CMV : 8Wheeled Caternary Maintenance Vehicle
Purpose: Inspection and Maintenance of Railways' OHE system (developed for Metro systems of India).

- Dual Power Pack
- 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

Functionalities:

- Drivers Cab at both ends
- Staff cabins
- 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

Track Data		Rail Gauge	1676/1435 mm
Basic Specifications			
	Hauling Capacity	60.4 tonnes(SG)/62.2T(BG), 60 Tonnes-hauling a trailor wagon.	
	Maximum Operation Speed	65 kmph	
Car Body Dimensions in mm	Length over body Width over body Height from rail to top of roof:	21,366 3,150(BG)/2900(SG) 4,028	
Engine	NT 855 R 6 of Cummins; 213 kW (285HP) @ 2,100 rpm		
Transmission	Fully Automatic hydrodynamic transmission Type: SANCRT UP102 (with AVTEC CRT 5633)		
Final Drive	Axle Mounted Helical Gear Box (double reduction)		
Axles	Solid forged, 16 Tonne Capacity one powered Axle (powered by one power pack) and one trailing Axle in each bogie.		
Brakes	• Compressed air brakes with Tread brake units • Gradual application and gradual release type applied on all wheels • Pneumatically operated		
Bogies	Two stage helical suspension with box section fabricated frame		

Customers	a) Delhi Metro Rail Corporation (DMRC) b) Mumbai Metro One Pvt Limited (MMOPL) c) Delhi Airport Metro Express Pvt Limited (DAMEPL) d) L&T Metro Rail (Hyd.) Limited e) Ansaldo STS, India f) Chennai Metro Rail Corporation (CMRL)
Supplied	Over 10 Nos.