

PRESS RELEASE

DMW Flags Off 100th Self Propelled 8-Wheeler Diesel Electric Tower Car (8W DETC) For Indian Railways –A Historic Day in The History of DMW

Diesel Loco Modernisation Work Patiala, a Production Unit of Indian Railways manufacturer of 3-phase Electric Locomotives WAP 7 and 8-Wheeler Self Propelled Diesel Electric Tower Car (8W DETC) has Flagged Off its 100th 8-Wheeler Self Propelled 8 Wheeler Diesel Electric Tower Car today from its premises with indigenous technology to comply with 'Make in India' policy of the Government of India. This 100th DETC was flagged off and dedicated to the nation by Shri S N Dubey , Principal Chief Administrative Officer of DMW, Patiala

In the wake of enhanced Railway Electrification target decided by Ministry of Railway, these 8W DETCs are effectively being used in Railway Electrification, inspection & maintenance of Over Head Equipments (OHE) and have good demand from Zonal Railways and CORE (a nodal agency for Railway Electrification)

The staffs and supervisors of DMW, Patiala have quickly assimilated the design & all the technical aspects of 8W DETC from ICF Chennai and with the hard work turned out the 1st 8W DETC on 31.12.2018. During the last two years DMW, Patiala has overcome several challenges including the scaling up of production to meet the urgent demand of Electrification of Railways and finally turned out 100th 8W DETC today. During 2020-21 itself, this is the 50th DETC turned out from DMW Patiala despite of the outbreak of COVID-19 Pandemic in the country.

These DETCs are powered with 2 sets of under slung Power Packs each comprising of Diesel Engine of capacity 340HP, Traction Alternator, Power Rectifier, Axle mounted Traction Motors with air brake system and having a bogie with air spring secondary suspension. The axle load is 20.32 Ton and can operate at 110kmph on Rajdhani routes. The DETCs are equipped with a lifting and swivelling platform powered by 10 kVA DGset for maintenance of overhead equipment, provision for carrying our all necessary equipment for maintenance and are also capable for laying of OHE wires during Electrifications. It has got the facility of working in the night and carry out welding work during maintenance of OHE. These DETCs are equipped with intercom system for communication between operating staff / crewmembers and have CCTV surveillance system to monitor the roof top activities from cabin.

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