

# Overhead Maintenance Machines



The necessity of adjusting and maintaining the catenary, contact wire and associated equipment of electrified track, during short track occupation slots, necessitated the use of specialised on-track machines. The maintenance of overhead track equipment (OHE) on electrified lines is being increasingly mechanised. The OMV was developed by Aveng Manufacturing Lennings Rail Services, as effective and efficient on-track machine for this purpose. The machine can be off-tracked on any standard off-tracking platform.

- The machine is equipped with elevating platforms designed to enable OHE staff to reach most places in comfort. For difficult to reach OHE equipment, a cherry picker is provided, which is fitted to the telescopic crane.
- The hydraulic crane is of sufficient capacity to pick up masts, booms and other items.
- A hydraulic catenary support mast enables the catenary to be suspended for the changing of suspension equipment, insulators and steady arms. This mast is also used to hold and position the contact wire for adjusting stagger.
- An electronic measuring system displaying contact wire and height is also fitted to aid maintenance staff. The measuring system can be used on live 3kV DC and 25kV AC electrified lines.

The OMV is built on a modular basis enabling the client to specify different configurations to meet specific requirements.

