



MODULAR ELECTRIC ROAD-RAIL VEHICLE

*Modular, high-performance technology  
for all needs, day after day*



*Designed to meet the needs of on-track operations,  
catenary and approaches*

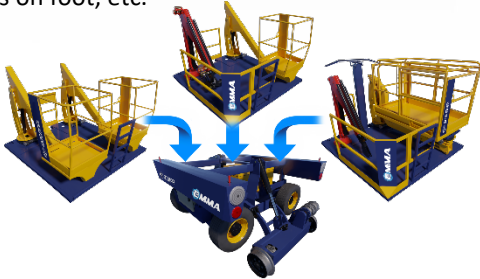
*Fast and secure track*

*Ergonomic and operator friendly*



### Your benefits

- The base provides traction power and energy supply for the modules
- Remote radio-control to operate & manoeuvre the machine
- Quiet and emission-free: suitable for urban networks
- Maximum availability: modules can be used elsewhere whilst the base is serviced
- Plug & Work system: allowing simple, fast and secure module storage and exchange (2 people load a module without any help from a machine)
- A wide range of modules available: cable unwinding and rewiring, inspection, renewals, accompanying track teams on foot, etc.



### Features

- 4-wheel drive; 15 m turning circle
- 2 motorized railway bridges
- Regenerative braking
- Can be put on rail via steel decks, even on 17-cm-high rail
- Integrated battery charger. Power supply: 400V 16A
- Automatic module recognition
- Complies with EN 15746-4 and Machinery Directive 2006/42/EC

### Possible modules

- Platform + crane + pantograph
- Platform + positioning arm
- Double basket [ + pantograph]
- Working platform + crane
- Stake tray [+ hydraulic unit or Activion®]

### Specifications

Rail traction	Electric
Rail gauge	1,435 mm and others on request
Maximum tilt	160 mm
Maximum rail ramp	80 ‰
Maximum road ramp	30 ‰
Minimum rail radius	18 m
Speed (rail/wheel)	20 km/h / 2.5 km/h
Weight of the base	2,950 kg
Maximum weight	5,800 kg
Towing load (rail)	1,500 kg
Autonomy (depending on activity)	5 h / 35 kWh useful

### Example: platform + crane + pantograph

Max. working height/offset in the basket	6.3 m / 2.8 m
Extendable rotating platform	1.2 m x [ 1.8 to 2.8 m ] Two-axis compensator
Basket Payload	250 kg
Rotation	200 °
Crane	250 kg at 3 m
Tare weight	2,245 kg

- Various
- Pantograph for measuring and grounding
  - Secure and robust cover
  - Electrical shunt for lorries (optional)

