



MODULAR ELECTRIC ROAD-RAIL VEHICLE

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

BATTERY
TECHNOLOGY



PLUG & WORK
SYSTEM

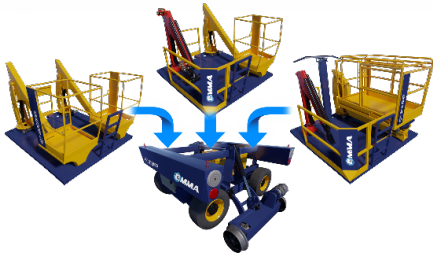
*Designed to meet the needs
of on-track operations,
catenary & surroundings
Fast and secure on-tracking
Ergonomic and operator friendly*

 **activion**
systems

 **GEISMAR**

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 in 15 minutes)
- A wide range of modules available: cable of unwinding and rewiring, inspection, and renewals, etc.



Specifications

Rail traction	Electric
Rail gauge (and others on request)	1,435 mm
Maximum tilt	160 mm
Maximum rail ramp	Up to 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 of insured work / max 15 h

Features

- 4-wheel drive; on-site rotation
- 2 motorized railway axles
- Regenerative braking
- Can be put on rail via steel decks, even on 17 cm* high rail
- Integrated battery charger.
Power supply: 400 V or 230 V 16 A
- Automatic module recognition
- Complies with EN 15746-4 and Machinery Directive 2006/42/EC

* With rail-chocks

Possible modules

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

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	+/- 180°
Crane	Up to 250 kg at 3 m
Tare weight	2,245 kg
Various	<ul style="list-style-type: none"> • Pantograph for measuring and grounding • Secure and robust cover • Electrical shunt for lorries (optional)

