

# Over Head Line laying & maintenance



On-going developments  
for mobility,  
productivity and safety







# Self-propelled OHLE access units



## VCP 2N

The rotating elevators with cradle provide unrestricted access to OHLE components: contact wire and messenger cable, cantilevers and poles. It is ideal for adjusting the height and stagger of the OHLE.

*Double cradle*



Working height: 8.60 m

Cradle working outreach: 3.70 m / 180°

Capacity: 165 kg

## VCP PFN

Combines best the flexibility of a rotating cradle and the capacity of a lifting platform for loading OHLE components. This version is very useful for renewal work.

*1 cradle and  
1 parallel  
platform*



Working height: 8.60 m

Cradle working outreach: 3.70 m / 180°

Capacity: 165 kg

## VCP IPC

The winning combination of a convenient platform for 2 operators' work on cantilever assembly and of one extended and versatile cradle for unrestricted access to the supports.

*1 cradle and  
1 perpendicular  
platform*



Working height: 9.50 m

Cradle working outreach: 4.50 m / 270°

Capacity: 165 kg

# Mobility, Productivity, Safety

Access quickly to the site and get easily on and off-track on any embankment: **VCP** elevators are quickly operational.







- Multipurpose,
- Cost-effective,
- Railway approved

# V2R the new road-rail generation dedicated to OHLE



V2R 820 C



V2R 850 C



V2R 600

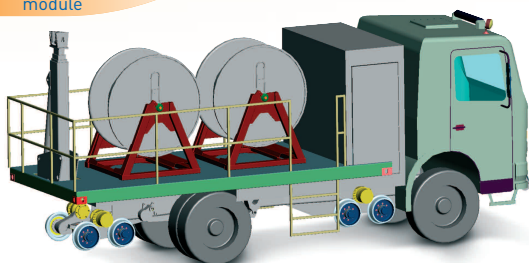
V2R 830 C



V2R 850 C



\* Unrolling module



Interchangeability of the elevators, platform or deck+crane modules increases the return on investment through the multipurpose capability of the carriers: handling jobs, OHLE access, installation and renewal.

\*This detachable module with one or two reel stands allows the renewal of contact wire; while fixing and anchoring operations are carried out from a separate cradle (depending on the configuration).

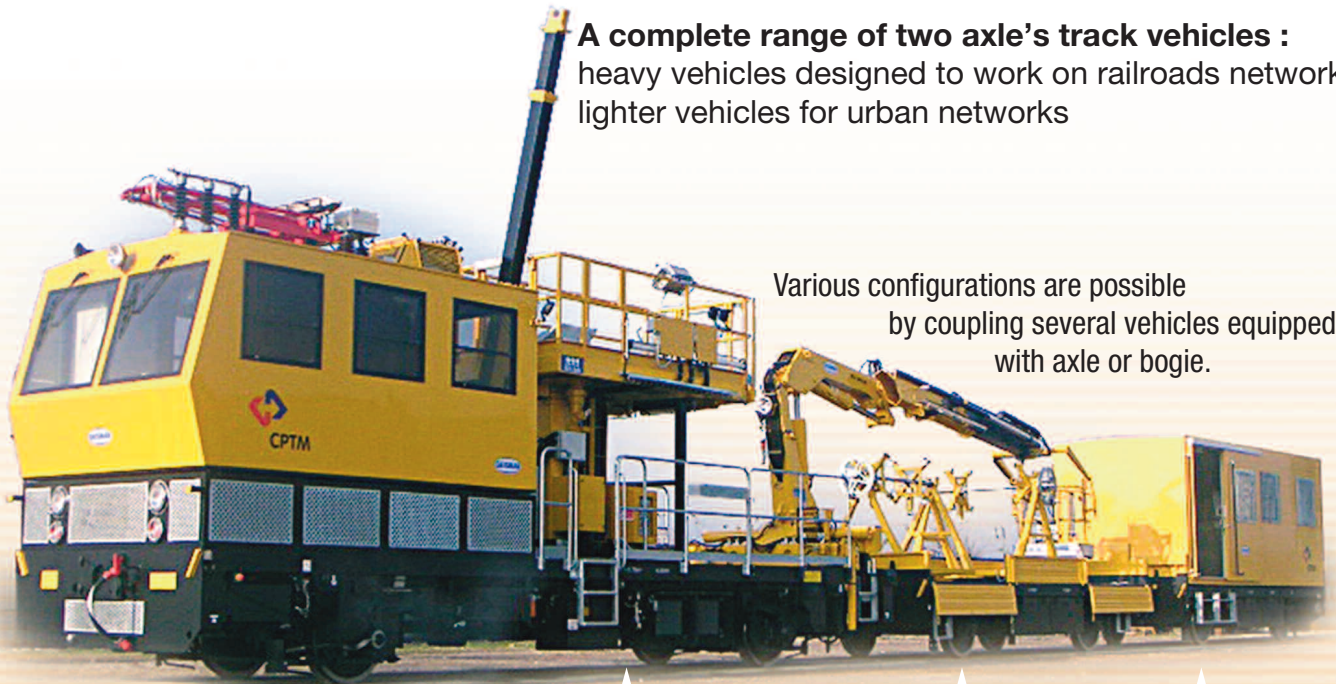


# VMT

## Track motorcars for OHLE maintenance

**A complete range of two axle's track vehicles :**

heavy vehicles designed to work on railroads networks and  
lighter vehicles for urban networks



Various configurations are possible  
by coupling several vehicles equipped  
with axle or bogie.

**VMT 865 C**

with elevating platform and crane

**RT 10**

Trailer with reel stands

**RTA**

Workshop trailer



**VMT 865 C** coupling with rolling wagon



**VMT 863 C** with elevating and rotating platform



**VMT 990 CGR** heavy duty track motorcar with elevating platform and cradle elevator

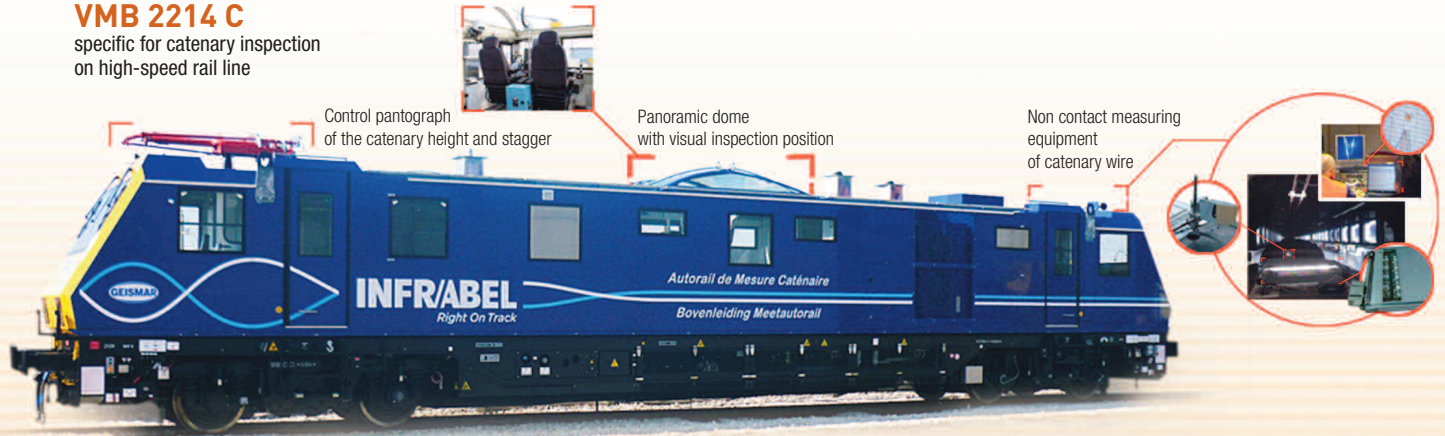


# VMB Bogie mounted OHLE track motorcars

Large volumes available, increased loading capacity and on board performing instruments for the OHLE maintenance and control

## VMB 2214 C

specific for catenary inspection on high-speed rail line



## VMB 1608 C with lifting cradle and crane



Large design and concept flexibility with the consideration of the entire specific data for each network, the loading gauge, the track gauge, the coupling as well as safety systems (ETCS, ATP, SIFA, GSMR...).

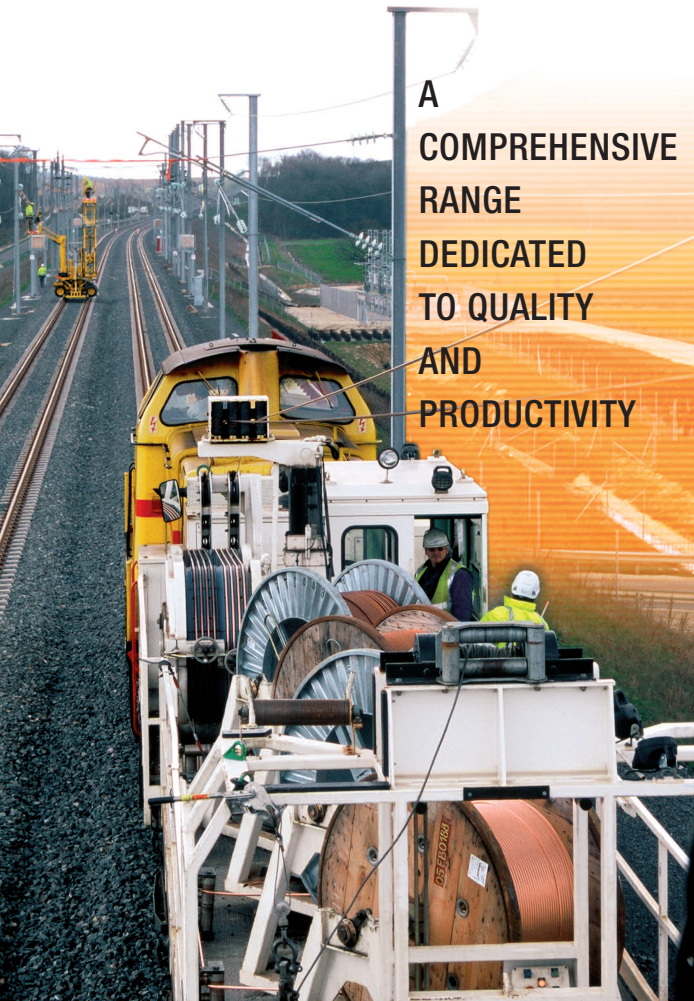
## VMB 1812 C for the catenary maintenance with a large lifting platform coupling with simultaneous rolling & unrolling wagon





# OHLE installation & re

## VARIOUS LAYOUT SOLUTIONS



A  
COMPREHENSIVE  
RANGE  
DEDICATED  
TO QUALITY  
AND  
PRODUCTIVITY

***The Geismar Group  
designs and  
manufactures a wide range  
of equipment  
to meet the various  
requirements of OHLE  
installation and renewal,  
from basic unrolling  
solutions to complete  
train sets.***

### PERMANENT INSTALLATION ON A WAGON

*The integrated solution for the wagons- supplied by Geismar or the client- to be equipped in our works and turn-key delivered.*



25 m customer-supplied wagon engineered in our works



Shipment of a complete wagon

### INSTALLATION ON A MODULAR SUB-FRAME

*A flexible and efficient solution:*

- for the transport and delivery of the most complex systems,
- Particularly suited to contractors for onward transfer to new project locations,
- for motorcars, road-rail trailers and vehicles to accommodate other interchangeable modules.



Installing the components on 3 nos 9m long modular sub-frames



# newal systems

ARE AVAILABLE



## SIMULTANEOUS ROLLING-UNROLLING SELF-PROPELLED WAGON

*This particular concept illustrates the engineering “know how” of our company:*

- **complete renewal** of the OHLE in a single sequence, • **two-way** operation,
- **best quality unrolling** with high performance tensioner.

*and provides substantial advantages to our client:*

- unmatched **productivity**, • **Flexibility** of use,
- labour **savings** and optimised investment.



## OHLE UNROLLING TRAIN

*The self-contained train formations* consist of heavy-duty UIC-class motorcars, axle or bogie mounted, and of one unrolling wagon featuring 2 to 8 reel stands.

*The tractive force and adhesion of these sets of vehicles weighing up to 240 tons permit to unroll in 4% gradients* four wires and

*cables with up to 10 tons total mechanical tensioning. Up to 1,600 HP of embarked power enables a drive of up to 120 km/h in perfect conditions.*

*Quick access to the worksite* is today mandatory because of shortened time slots granted to maintenance operations

*of the traffic and that of the maintenance requirement.*

*The elevating equipment mounted on the motorcars allow to reach / the OHLE and also make **the entire formation suitable** to address the various tasks on the catenary infrastructure.*





## PENELOPE

Unrolling and laying of a cable with obstacle crossing

Insertion of poles

Handling and lifting of equipment

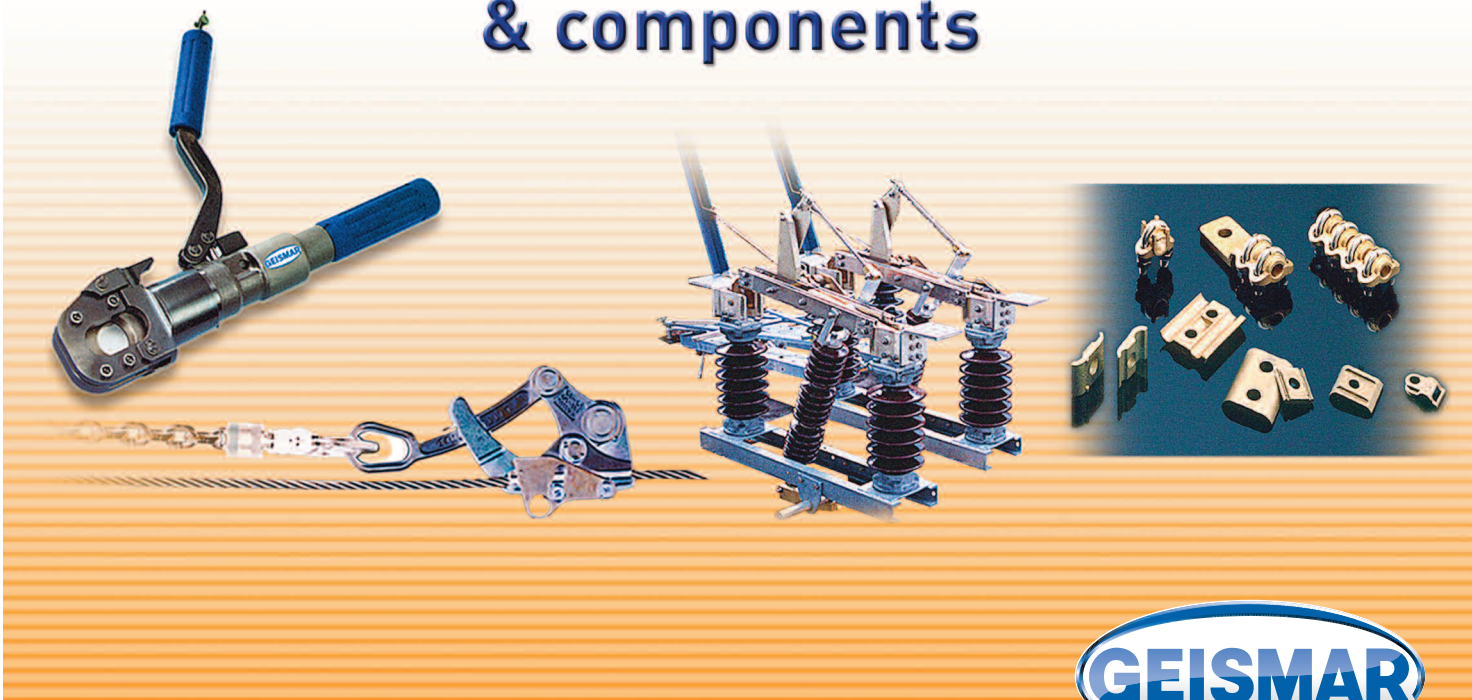


## MAGIC-SC

On-board system for the measurement of the contact wire height, stagger & wear without contact



## Professional tools & components



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