

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

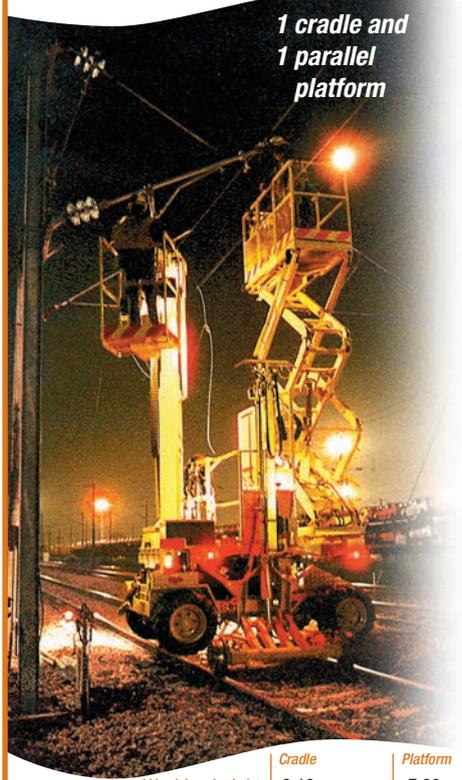


Working height:	<i>Cradles</i> 8.60 m
Cradle working outreach:	3.70 m / 180°
Capacity:	165 kg

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:	<i>Cradle</i> 8.60 m	<i>Platform</i> 7.80 m
Cradle working outreach:	3.70 m / 180°	-
Capacity:	165 kg	265 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:	<i>Cradle</i> 9.50 m	<i>Platform</i> 7.80 m
Cradle working outreach:	4.50 m / 270°	-
Capacity:	165 kg	265 kg

Mobility, Productivity, Safety

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



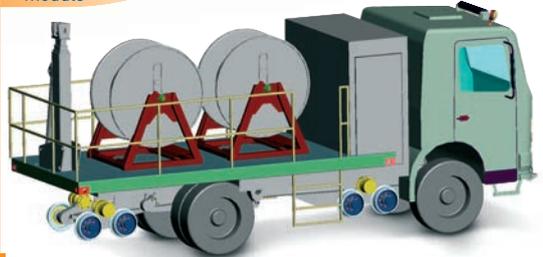


- Multipurpose,
- Cost-effective,
- Railway approved

V2R the new road-rail generation dedicated to OHLE



* 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

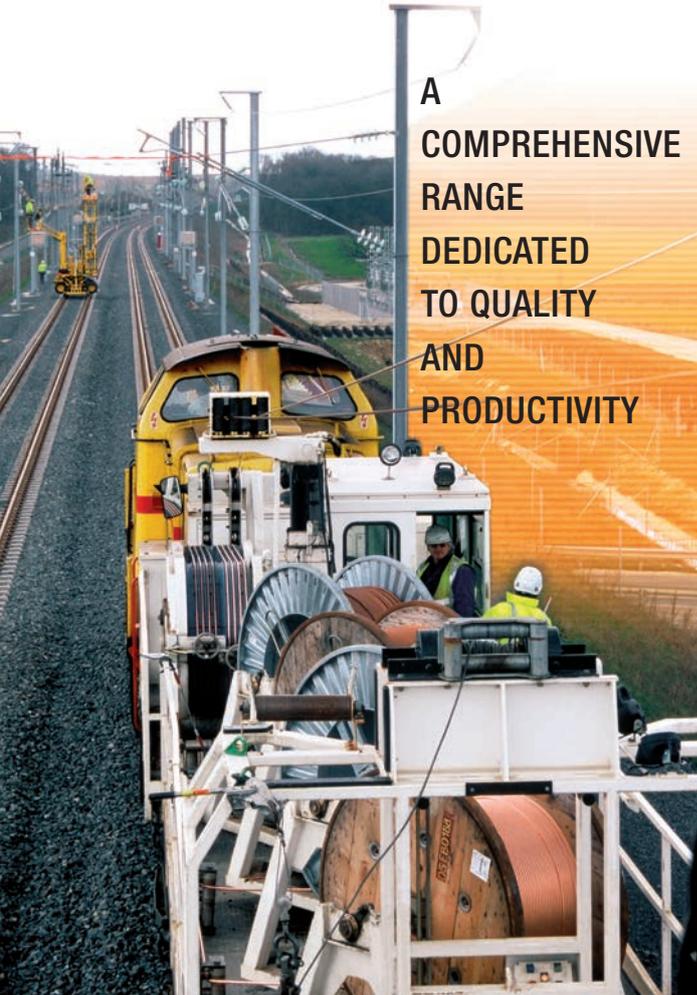


Large design and concept flexibility with the consideration of the entire specific data for each network, the loading gauge, the track gauge, the coupling as well as safety systems (ETCS, ATP, SIFA, GSMR...).

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



OHLE installation & re



A
COMPREHENSIVE
RANGE
DEDICATED
TO QUALITY
AND
PRODUCTIVITY

VARIOUS LAYOUT SOLUTIONS

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

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.

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



SOCIÉTÉ DES ANCIENS ÉTABLISSEMENTS L. GEISMAR

HEAD OFFICE

113 bis, avenue Charles-de-Gaulle
92200 NEUILLY SUR SEINE
France

- Tél. : +33 (0)1 41 43 40 40
- Fax : +33 (0)1 46 40 71 70
- E-mail : geismar@geismar.com

FACTORIES

5, rue d'Altkirch
68006 COLMAR CEDEX
France

- Tél. : +33 (0)3 89 80 22 11
- Fax : +33 (0)3 89 79 78 45
- E-mail : colmar@geismar.com

www.geismar.com

YOUR CONTACT