

# Catenary renewal machines



Design and production of complete, fitted wagons or modules on request:

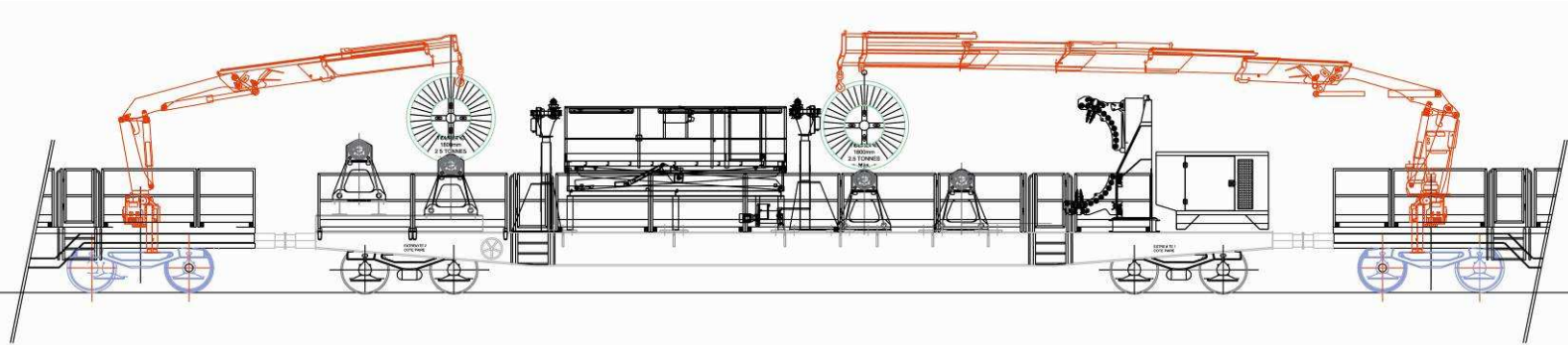
- ✓ Winding-off / Guiding
- ✓ Winding-up
- ✓ Cross-winding
- ✓ Power and hydraulic packs
- ✓ Cranes
- ✓ Platform

PVI provides, on request and according to the level of technical integration of its Customers:

- ✓ Needs analysis and feasibility studies
- ✓ Design studies for installation on an existing wagon or new base
- ✓ Regulations and norms approvals
- ✓ Technical support missions (assembly of modules by the Customer)
- ✓ Technical start-up assistance

To **preserve the environment** on your sites (noise and polluting emissions) and to **protect staff** working in confined areas, **PVI offers electric drivelines** on its catenary renewal equipment.





**Winding-off / guiding module**

Winding-off at a constant mechanical tension  
 (Value adjustable from 600 to 1400 daN - Wire advance speed 0 to 5 km/h)  
 Constant tension control with digital display  
 Guiding using booms on swivelling wind up / wind down poles  
 (course 1770 mm - capacity 2000 daN)

**Winding-up module**

Reel bearing winder block(s)  
 (adjustable winding tension from 100 to 500 daN)  
 Cross-winding mast with 2 guiding windows  
 (course 1800 mm - capacity 600 daN)



**Platform module**

Personnel lifting platform providing a safe, secure workplace able for 5 to 7 operators

**Aerial lift module**

Articulated telescopic structure lifting platform to provide offset access for two operators

**Crane module**

Articulated telescopic crane to feed the reel winding-off / winding-up modules.  
 Optional secured working zones management (virtual wall)



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