



HANDLING GANTRY FOR CROSSINGS AND HALF SETS OF SWITCHES

*Modular and efficient
switch maintenance technology*



Securing the installation of switch components

Precise and fast positioning on conventional and high-speed networks

Gantry synchronization with a single radio control

TECTONIC
EXPERT TRACK LAYING SOLUTIONS



Your benefits

- Gantry concept allowing stable loads and safe movements
- Transport of PMC by standard wagon or truck
- Efficiency of the maintenance operations of the switch parts (crossings, half sets of switches) by working on single track and under catenary tension
- Autonomous for the unloading and the installation of the switch parts, not requiring a lifting machine
- Adaptation of the number of gantries according to the lengths of switch parts to be changed and synchronization by a single remote control, limiting the staff
- View of the whole work site (no cabin)



Specifications of a gantry

Lifting capacity	26,455 lbs (12,000 kg) (4 winches of 3 tons)
Lifting stroke	72.8 in. (1,850 mm)
Slewing stroke	54.1 in. (1,375 mm)
Pressure on the ground	2 bars (29 psi)
Number of electric chain winches	4
Displacement speed	2,75 m/min
Lifting speed	From 1 to 4 m/min
Ergonomics	Remote-control
Gauge	SNCF type
Mass	25,794 lbs (11,700 kg)
Transport dimensions (L x W x H)	433 x 113 x 100 in. (11,000 x 2,868 x 2,550 mm)

Composition according to the parts to be handled

1 crossing of 18 m or a half set of switches of 25 m	1 x PMC
A half set of switches up to 42 m	2 x PMC
A half set of switches up from 42 to 63 m	3 x PMC

