

PEM-LEM

TRACK & TURNOUTS LAYING SYSTEM

*Modular and efficient
track laying technology*



The most used method worldwide for track laying

Flexible installation

Safe remote-controlled solution

TECTONIC
EXPERT TRACK LAYING SOLUTIONS

Your benefits

- Ease work preparation for any environment site (tunnels, bridges)
- Efficient organization by slewing tracks & turnouts or by transporting them on motorized transportation trolleys
- Enable minimization of on-track time increasing track availability
- Modular configuration for any track & turnouts length and type
- Very limited staff required

Specifications

| | | | | |
|-----------------------------|--------------------------------|----------------------|--------------------|---------------------|
| Number of sets (PEM + LEM) | From 2 to 16 | Lifting capacity | PEM | 20 t |
| | | | LEM | 20 t |
| Mass track panel or turnout | Up to 240 t | Lifting stroke | PEM | 116 in. (2,950 mm) |
| | | | LEM | 14 in. (350 mm) |
| Track / turnout length | From 20 to 525 ft (6 to 160 m) | Slewing stroke | PEM | 54 in. (1,375 mm) |
| | | | LEM | ± 15,7 in. (400 mm) |
| Displacement speed | 3,7 mph (6 km/h) | Maximum feet opening | 196 in. (4,973 mm) | |
| Ergonomics | Remote-controlled | | | |

Composition of sets

- Gantries for lifting track and turnouts (PEM)
- Trolleys to transport track and turnouts (LEM)
- Temporary track with ramp (VPR)



Remote control



Longitudinal laying with temporary track (VPR)

