



CATERPILLAR GANTRY FOR LAYING RAILS

*Track laying technology
powerful and economical*



Most economical method of handling and laying track

Laying more than 2 km of new track per day with a maximum rail length of 432 m

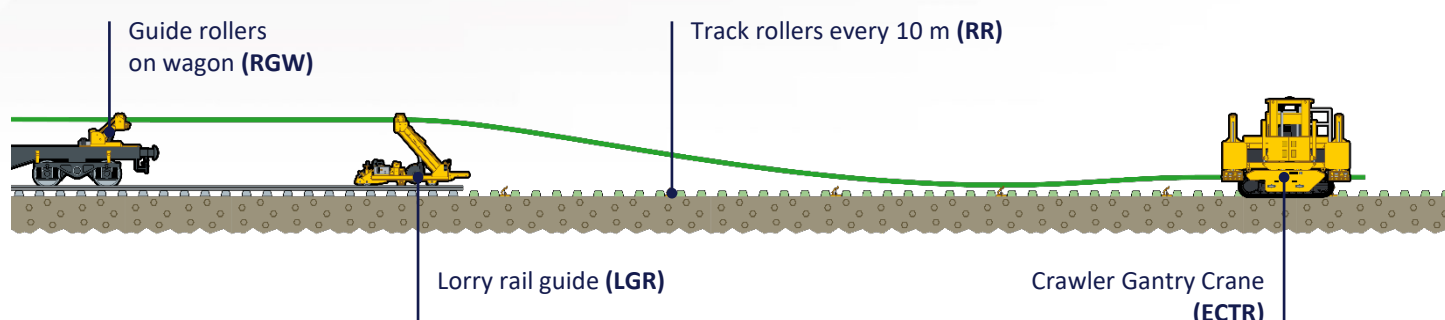
Adjustable system for laying panels, concrete slabs or sleepers (requires options)

TECTONIC
EXPERT TRACK LAYING SOLUTIONS



Tracked rail pulling machine - Your benefits

- Very economical method for handling and laying of rails on the track due to a unique concept that simplifies the organisation of the site
- Respects the integrity of the rail and sleepers and provides the possibility of working in tight curves
- Laying performance of more than 2 km per day with a maximum rail length of 1,417 ft. (432 m)
- Safe and easy control of the equipment by radio control
- Handling and laying of track panels, concrete slabs or sleepers using a hydraulic spreader beam on the crawler crane



Specifications of the guide rollers on the wagon (RGW)

Lifting stroke	23 in. (590 mm)
Slewing stroke per rail line	35 in. (900 mm)
Max. payload per rail row	1,323 lbs (600 kg)

Specifications of the rail guide lorry (LGR)

Lifting force	1,200 daN
Lifting stroke	42 in. (1,070 mm)
Table slewing stroke	± 16 in. (400 mm)
Maximum working speed	5 km/h

Specifications of the crawler gantry (ECTR)

Lifting force	20,000 daN
Lifting stroke	94 in. (2,380 mm)
Slewing stroke	38 in. (975 mm)
Maximum foot opening	138 in. (3,516 mm)
Maximum working speed	4 km/h

ECTR hydraulic spreader beam (optional)

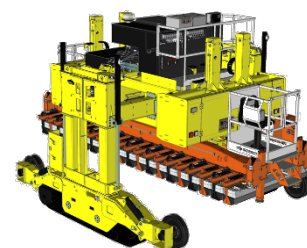
- Up to 20 sleepers (fixed or variable travel)
- Up to 3 concrete slabs (17 ft (5.16 m) x 8 ft (2.4 m) x 6 in. (16 cm))
- 59 ft (18 m) panels



Easy transport of the system on the wagon



Rail Rollers (RR)



Hydraulic spreader beam for laying sleepers