

**FULLY AUTOMATIC AND PRECISE  
SLEEPER LAYING.**



**ITS BENEFITS. YOUR BENEFITS.**

**Powerful machine. Accurate working results.**

- Single sleeper laying to millimetre accuracy
- Sleeper spacing can be continuously adjusted
- Automatic single sleeper laying action allows radial laying in tight curves
- Offloading, transporting and laying up to 20 concrete sleepers or 24 wooden sleepers in one cycle

**Field of application**

- Relaying on single line is possible
- Relaying with adjacent line open for all tracks gauges is possible
- Optional: Beams for handling track panels

**Easy handling**

- One person operated
- Machine and sleeper transported to the worksite by standard wagon or low loader
- Mounting and demounting is done with an integrated lifting mechanism – no additional equipment required.
- Auxillary rails allows the safe and fast machine movement on the worksite

## TECHNICAL SPECIFICATIONS

Drive	hydrostatic drive, 4-cylinder diesel engine 116 kW
Lifting power	13 to
Lifting speed	12 m/min
Performance	approx. 5 s per sleeper
Auxiliary rails track center for gauge 1435 mm	3450 mm (track center refers only to wagon total width)
Laying accuracy	max. +/- 9 mm
Max. speed	22 km/h
Max. grade	40 ‰
Weight	18 to
Max. sleeper capacity	20 concrete sleeper / 24 Wood sleeper
Max. track panel length	13 m
Marketable	Worldwide, without approval

Dimensions and weights approximated. We reserve the right to modify in the course of technical development. Prices excluding VAT. Copyright secured.

## WORK PROCESS



Lift up to 20 concrete sleepers from the trolley



Transport sleepers with gantry



Temporary storage of the sleepers on track then transport and lay Sleeper in track with second unit



Sleeper placement tolerance to the nearest millimeter – approx. 5 sec. / sleeper



Lay sleepers accurately and evenly, ready for rail installation



Continuous, steady placement of rails on the sleepers at the requirement gauge with ROTHREAD