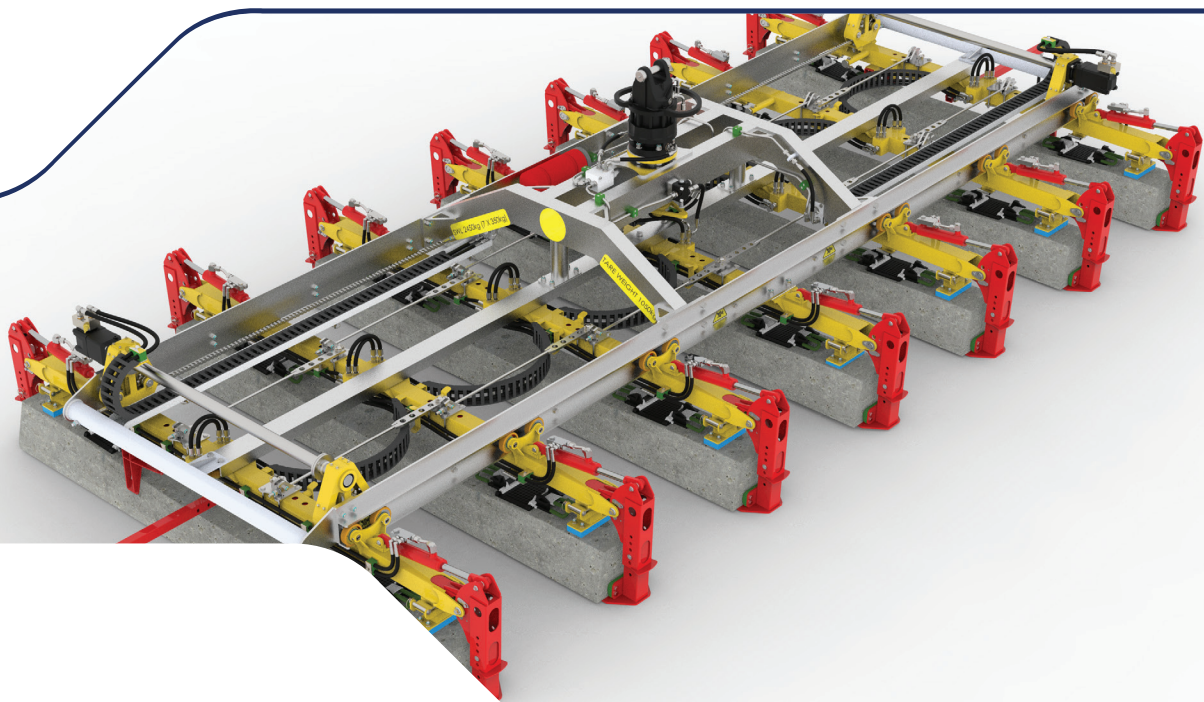


Sleeper Spreader

A new innovative approach to sleeper handling.



Reduce weight without compromising strength

Strong, safe, accurate and efficient

Robust, reliable and easy to use

Fully approved by Network Rail

UNIPART
RAIL



**THOMSON
ENGINEERING
DESIGN**

Durable, Reliable and Safe

PERFORMANCE IMPROVEMENT PARTNER

The Sleeper Spreader represents a new approach to an old problem - how to make a spreader beam robust without it becoming too heavy.

Combining innovative design and precision manufacture, the Sleeper Spreader is a robust and reliable sleeper spreader beam, which can be used for handling most types of sleeper and is available in multiple variants of up to 28 sleepers.

The aluminium alloy frame design allows strength to be applied where it is needed the most - in the sleeper grab legs, providing the most reliable device in its class. A unique-motor driven spreading system keeps the beam balanced at all times and the sleeper spacing can be quickly changed to suit different track specifications.

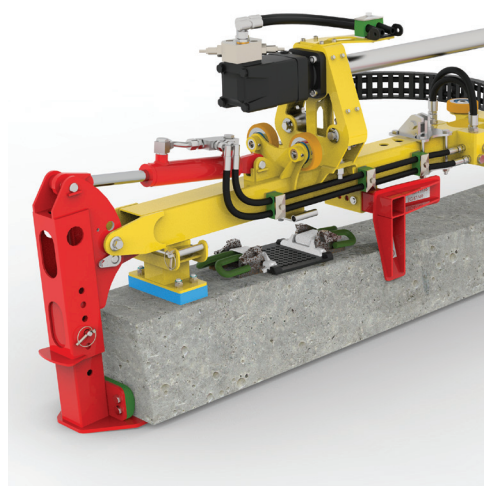
Features & Benefits

- Aluminium frame reduces weight without compromising on strength
- Strong box-section steel legs add protection and increase grip force
- Sleepers are protected by polyurethane pads
- Timber dunnage can be lifted with sleepers, eliminating working at height risks
- Parachute valve prevents inadvertent release
- Check valves protect against hose failure



Technical Specifications

Weight with typical adapter head	998kg (Standard) 1080kg (Long Chassis)
Max. Load capacity (7 x 350kg sleepers)	2,450kg
Sleeper Width Capacity	Min: 225mm; Max: 375mm
Sleeper Depth Capacity	Min: 160mm; Max: 350mm
Rotator Hyd. Pressure (max)	210 Bar
Rotator Capacity	10,000kg
Grab / Spread Hydraulic Pressure	Min: 90 Bar; Max: 210 Bar
System Pressure Limit <small>(Pressure reducing valve fitted as standard)</small>	150 Bar
Grip force - per leg lateral (@150 Bar)	7.5kN
Spread / Gather force	20.3 kN



Unipart Rail are the export distribution partner for Thomson Engineering Design, for enquiries contact railplant@unipartrail.com

Unipart Rail

Jupiter Building, First Point, Balby Carr Bank,
Doncaster DN4 5JQ

Tel: +44 (0) 1302 731400

email: enquiries@unipartrail.com



Visit www.unipartrail.com for details
of our Worldwide Regional Offices