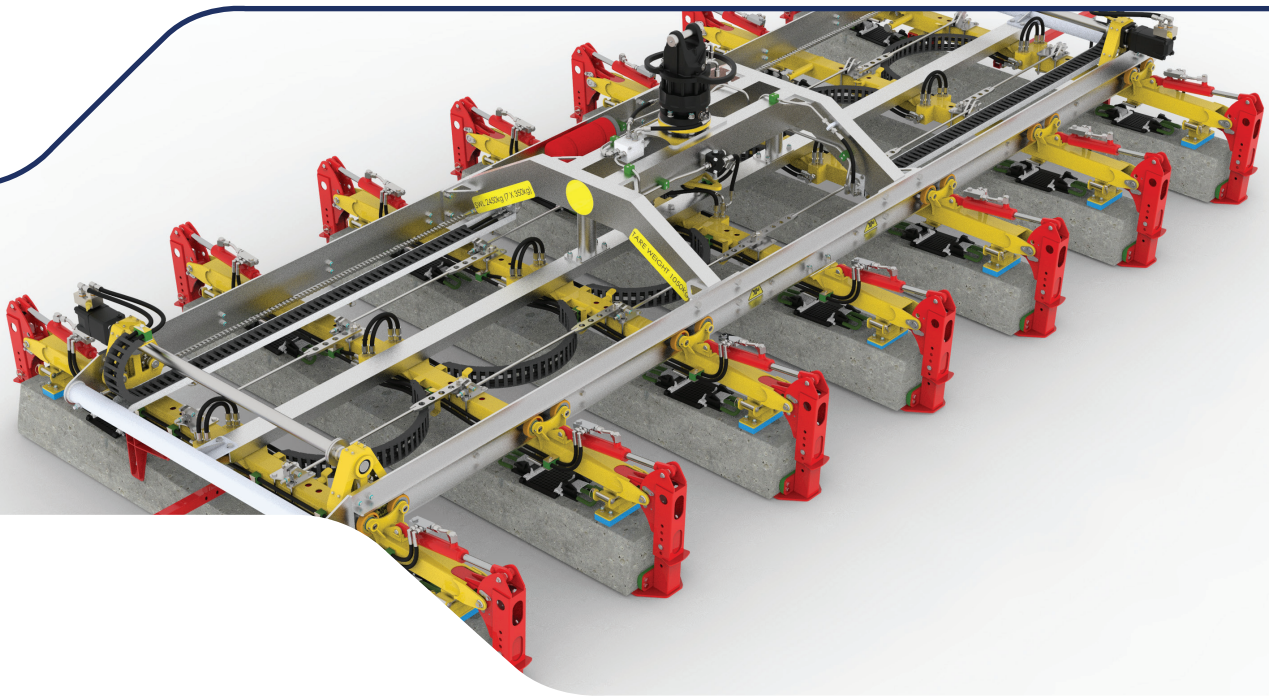


# Tie Spreader

A new innovative approach to tie handling.



Specialized machines, attachments and tools for Maintenance of Way, designed and manufactured to ensure quality, reliability and safety.

# The Tie 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 Tie Spreader is a robust and reliable spreader beam, which can be used for handling most types of tie and is available in multiple variants of up to 28 ties.**

The aluminium alloy frame design allows strength to be applied where it is needed the most - in the tie 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 tie spacing can be quickly changed to suit different track specifications.

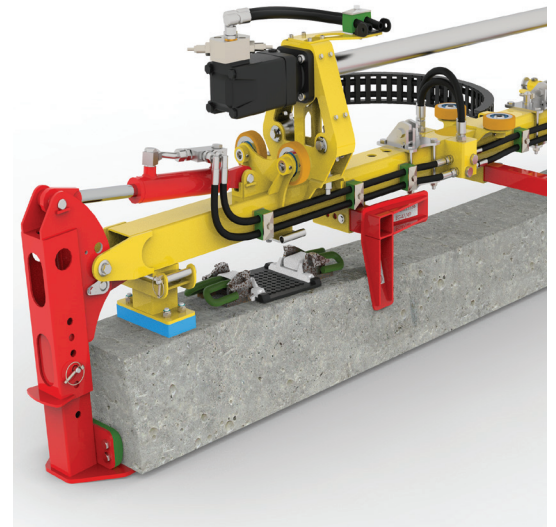
## Features & Benefits

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



## Technical Specifications

Weight with typical adapter head	2200lbs (Standard) 2381bs (Long Chassis)
Max. Load capacity (7 x 77lb ties)	5397lbs
Tie Width Capacity	Min: 8.86"; Max: 14.76"
Tie Depth Capacity	Min: 6.3"; Max: 13.78"
Rotator Hyd. Pressure (max)	210 Bar
Rotator Capacity	10 Tonnes
Grab / Spread Hydraulic Pressure	Min: 1305 PSI (90 Bar); Max: 3046 PSI (210 Bar)
System Pressure Limit <small>(Pressure reducing valve fitted as standard)</small>	2175 PSI (150 Bar)
Grip force - per leg lateral (@150 Bar)	7.5kN
Spread / Gather force	20.3 kN



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