

Trailer Moving System

- ✓ The efficient way to move unladen trailers up to 44,000 lbs.

The Trailer Moving System is purpose-built to move unladen articulated trailers, flatbeds, and low loaders weighing up to 44,000 lbs. without the need for shunting using forklifts or semi-trucks. A universal kingpin coupling securely connects the TMS to any commercial trailer allowing for full range of movement.

Fully electric and licence-free, the Trailer Moving System prevents bottlenecks waiting for licensed forklift, shunter, or truck drivers when moving heavy trailers through depots and manufacturing sites. Intuitive operator controls and safety features built-in as standard, the TMS series gives operators total control.



The faster, smarter alternative



For trailer manufacturers, the task of moving them through production typically involves a combination of fixed overhead cranes, forklifts and tractors, or semi-trucks. These traditional approaches are often slow and inflexible, resulting in a stop-start production system.

The Trailer Moving System offers an alternative. With a compact, license-free design, it minimizes downtime and ensures each stage of the process flows smoothly – improving efficiency and throughput.

Traditional systems

- ✘ Waiting for licensed drivers
- ✘ Limited maneuverability
- ✘ Large machine footprint
- ✘ Wide turns & poor positioning
- ✘ Throughput depends on driver availability
- ✘ Diesel fumes and emissions inside workshops

Trailer Moving System

- ✔ No operator license required
- ✔ Continuous flow between stages, no waiting
- ✔ Improved maneuverability in tight spaces
- ✔ Compact machine footprint
- ✔ Smooth, controlled moves to protect equipment
- ✔ Zero emissions

Benefits of the Trailer Moving System

No shunting or waiting

The TMS gives any operator the ability to move trailers on demand without waiting for licensed drivers, semi-trucks, yard tractors, or forklifts.

Purpose-built for trailers

Using a universal kingpin coupling, the Trailer Moving System works with any trailer for flexibility across your whole fleet.

Unbeatable maneuverability

A small footprint and durable design for unrivalled maneuverability and control even in the tightest spaces.

- ✔ Move unladen trailers up to 44,000 lbs.
- ✔ Simple, universal kingpin hitch
- ✔ No license needed
- ✔ Zero emissions
- ✔ Compact machine footprint
- ✔ Improved visibility for operators
- ✔ Greater maneuverability



Typical applications



Trailer manufacturing

Move trailers through workshops by replacing slow, inefficient systems with a flexible, license-free alternative that keeps production flowing.



Logistics depots & yards

Maneuver trailers into loading bays and reposition around yards on demand, no more downtime waiting for licensed semi-truck or tractor drivers.

Key features

Safe by design

Integrated warning horn, two-speed selector, automatic braking and an anti-crush button.

Built tough

A solid, steel design delivers the reliability needed for tough industrial environments.

Universal kingpin connection

Easily connect to a range of trailers using a standardized kingpin connection, making the TMS compatible with your whole fleet.



Optional air compressor

Control the trailer's brakes directly from the electric trolley to maximize safety and efficiency.



In application



Trailer Moving System models



TMS1100+

Moves up to 24,200 lbs.



TMS2000+

Moves up to 44,000 lbs.



Book a consultation today

See how the **Trailer Moving System** can transform your load moving processes and boost operational efficiency.

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