

ESS

ELECTRONIC STEERING SYSTEMS



...for the long haul

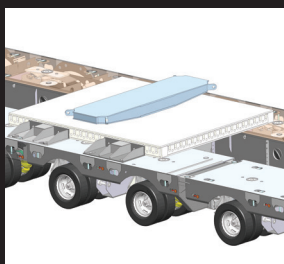
TRT's newest innovation in transport efficiency!

No matter the length from the kingpin to the axle group, ESS provides optimum swept path and zero tyre scrub.

The flexibility of all axles steering, allows you to get around any corner easily with your trailer at any length, any width, open or closed, empty or loaded.

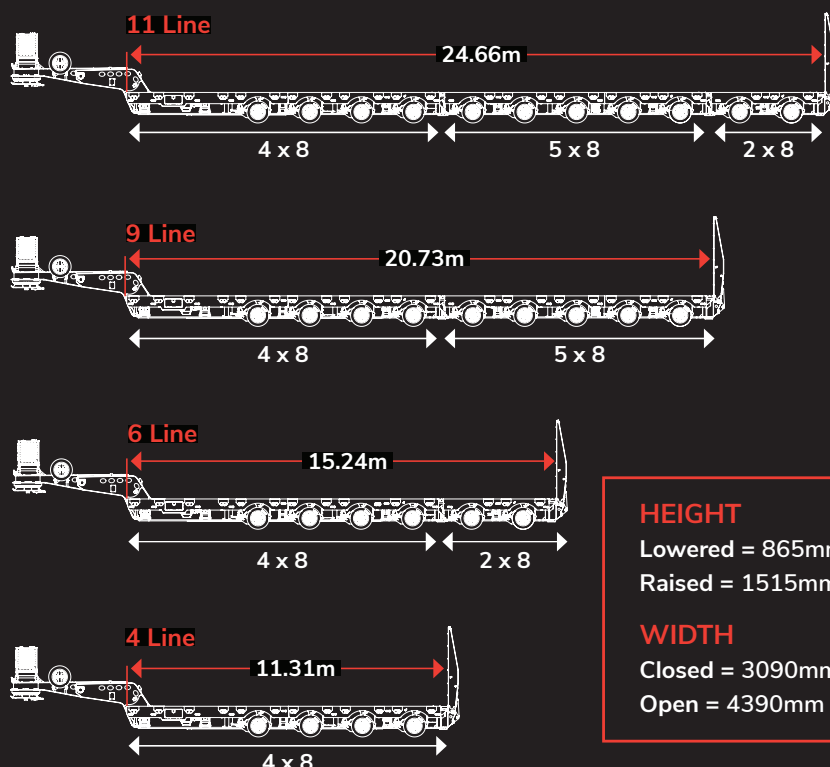
BOLSTER

The twin bolster arrangement is designed for beam transportation, when the trailer modules are split.



The variable positioned bolsters are controlled through the steering program.

ESS MODULAR PLATFORM SYSTEM



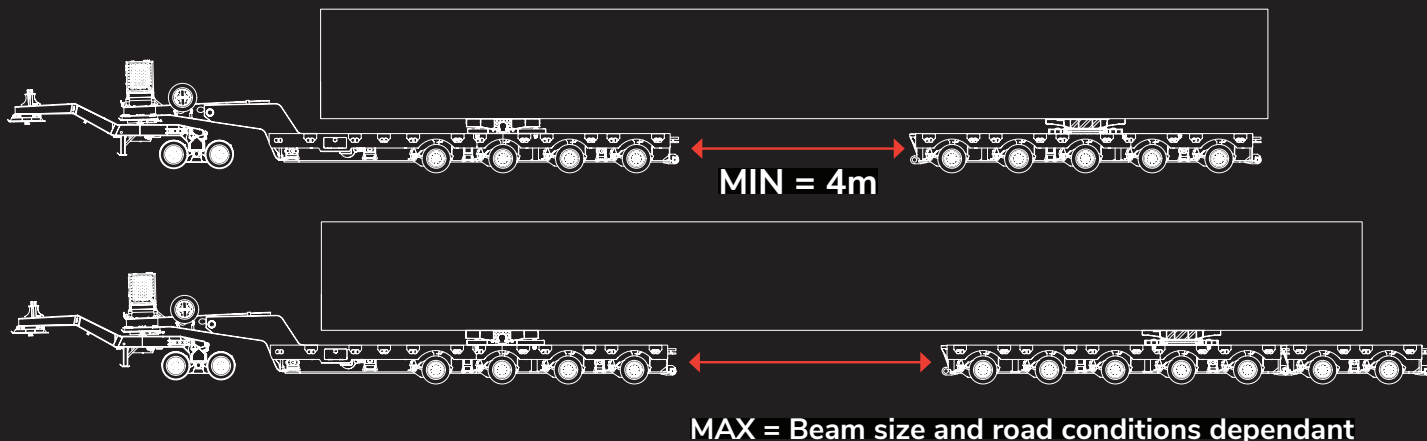
HEIGHT

Lowered = 865mm
Raised = 1515mm

WIDTH

Closed = 3090mm
Open = 4390mm

ESS BEAM TRAILER



Designed by TRT, Australian Patent Number: 201802100

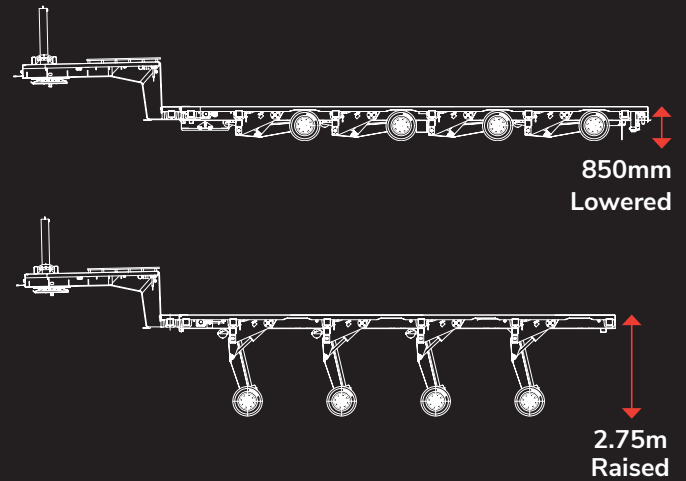
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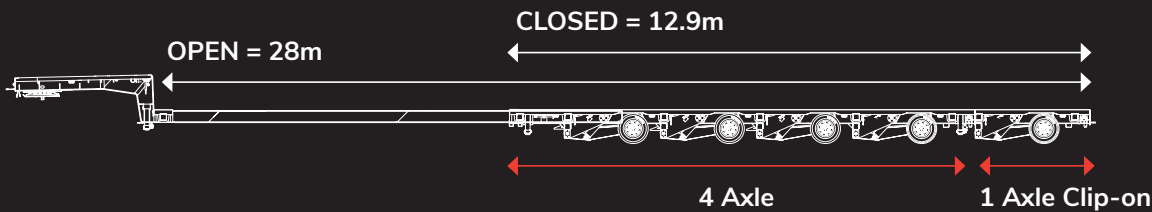
HOW ESS WORKS

1. The software is programmed to the specifications and configurations of the trailer
2. The operator calibrates the load
3. The truck steers and the encoder turns within the slewing ring
4. This sends a signal to the steering arms at each axle
5. All axles steer by the prime mover or can be overridden by the remote control.

ESS HYDRAULIC HOUSE TRAILER



ESS TWIN TYRE EXTENDABLE TRAILER



EFFICIENCY

Improve overall efficiency with ESS in a number of ways that reduce the whole of life costs of your trailer.

- ESS is easy to manage and designed for the operator. The quick and easy one button configuration can significantly reduce overall downtime with setup.
- Get every available KM out of your tyres. With all axles steering overall tyre wear is reduced.
- Increased manoeuvrability enables the operator to transport the load more efficiency with less risk.

FLEXIBILITY

Additional axles can be added and programmed into the system, using TRT's Quick Connect modular options for platform, beam, twin tyre'd and house trailers. Talk to our experts about making your new ESS modular trailer configuration for improved payload options.

AFTER SALES SUPPORT

TRT is proud to manufacture a full range of trailers and trailer technology. We are committed to supporting our products for the period of its warranty and beyond, across Australia and NZ. TRT's highly experienced team are available to assist operators, fleet owners and managers with training, advice, documentation and parts.



Designed & Manufactured by:



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