

MODULAR & MULTI LINE PLATFORM TRAILERS

TRT.
MADE
POSSIBLE



TRT.
DESIGNED &
MANUFACTURED

TRT (AUST) PTY. Ltd.
Phone: +61 7 3890 8800
Email: trailers@trtaust.com.au
www.trtaustralia.com.au

Tidd Ross Todd Ltd
Phone: +64 7 849 4839
Email: trailers@tiddtrossodd.com
www.trt.co.nz

PLATFORM TRAILERS



MULTI LINE PLATFORM TRAILERS

TRT's Multi Line Platform systems are designed to carry 100 tonne plus payloads in the most demanding conditions.

The high tensile steel construction provides a strong robust trailer. With all axles capable of steering, double acting hydraulic suspension and compensating gooseneck, the TRT platform is designed for manoeuvrability and versatility.

Designed with positive steering, both forward and reverse, when loaded to capacity, no matter the length or width.

Available in a range of axle configurations 6x8, 7x8, 8x8, 9x8 and larger.



GOOSENECK

Fitted with a fully compensating hydraulic system, the TRT designed gooseneck allows the skid plate to move up and down automatically, moving with the terrain.

Plumbed to an accumulator, which takes all the shock and stress out of the complete combination in travel mode, and allows constant weight on the drive axles during travel, achieving maximum traction. Fitted with a manual control to adjust the height at the front of the trailer, to allow for deflection from the load or to achieve more ground clearance.



AXLE AND SUSPENSION

TIDD double acting suspension provides 650mm of travel for each axle group. Fitted with our unique European angular contact bearing, for long life. Any axle group can be steered and all axles can be lifted hydraulically at the touch of a lever.

In combination with a 17.5 swivel axle, it will have optimum performance and extended service life.



MODULAR PLATFORM TRAILERS

TRT has a new versatile modular platform trailer system that is designed to be as flexible as your operations.

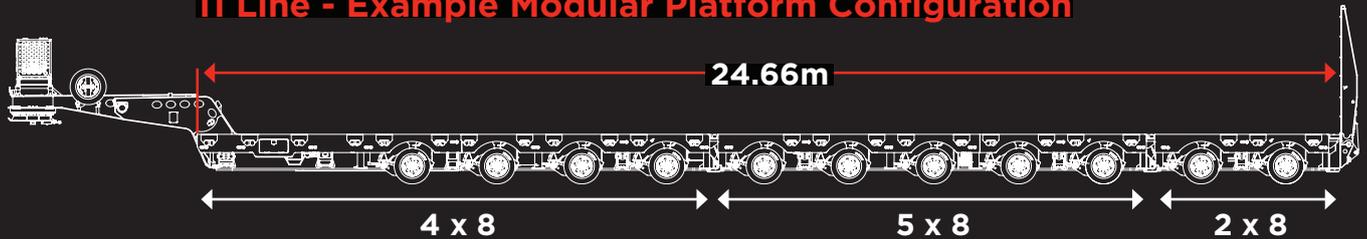
TRT has developed a Quick Connect modular system for platforms. This well designed system saves time by being able to connect any module or ramps in 20 minutes or less.

The modular system allows the operator to add or remove axle modules from the platform trailer to suit the payload.

Manufactured to your preference of modular combinations, this system enables different configurations for plant, equipment, beam transportation and much more.



11 Line - Example Modular Platform Configuration



BEAM TRANSPORTATION

With ESS, all axles are able to steer, even when the trailer is transformed to carry bridge beams.

Photo (right) shows 3x8 at front, 4x8 at rear, with 20m gap between trailers.

Special bolsters are mounted to the deck to secure the beams, with the rear trailer on remote control for the extra tight corners. Other axle configurations available.



QUICK CONNECT

The Quick Connect mounting system allows for fast, safe connection of either modules or ramps. With hydraulic pinning at the lower joint, using one button control.

Quick Connect allows the operator to quickly and efficiently change the modular axle line configuration, for varying payloads.

With TRT's patented ESS Electronic Steering System added to the Quick Connect modular platform system, all axles are able to steer providing optimum manoeuvrability no matter the length or width, open or closed.



ESS - ELECTRONIC STEERING SYSTEM

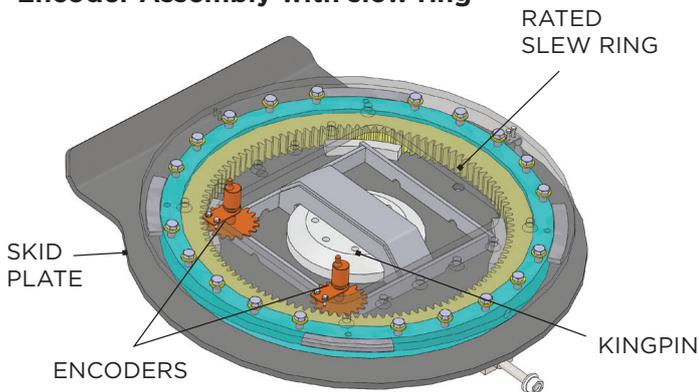
Designed by TRT, Australian Patent Number: 201802100

TRT's electronic steering system provides the optimum steering geometry no matter what the length or width, empty or loaded.

This system will allow for all axles to steer in conjunction with the truck steering or by remote control.

The required configuration can be set up by the operator from the controller in the truck's cab with the selection of a single button, **simple!** Once selected the steering angle of all wheels will automatically change to the pre-programmed angles for that configuration no matter what length the trailer is, open or closed.

Encoder Assembly with slew ring



Dual geared encoders at the gooseneck send information to the electronic steering controller when the Prime Mover turns to optimise the steering angle.



DOLLY

PLATFORM TRAILER 2X8 DOLLY

To increase the platform trailer's capacity a 2x8 Dolly can be fitted between the Prime Mover and platform. Available in fixed width and widening models. Dolly options include sliding 5th wheel, guards and power pack.

AFTER SALES SUPPORT

You get quality and innovation when purchasing a TRT Platform. TRT are committed to supporting these products for the period of the product

warranty (1 year) and beyond. TRT's highly experienced team are available to assist operator's fleet owners and workshops with training, advice, documentation, replacement parts, and upgrades.

25032022

TRT
DESIGNED &
MANUFACTURED

TRT Australia
Phone: +61 7 3890 8800
Email: trailers@trtaust.com.au
www.trtaustralia.com.au

TRT New Zealand
Phone: +64 7 849 4839
Email: trailers@trt.co.nz
www.trt.co.nz