

## 3.05m Wide Tri-axle Hydraulic House Trailer 2 Axles Steer

Drawing reference: 277-A1W

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<b>Deck Length Closed</b>	12.7m approx.
<b>Forward Length</b>	11.8m
<b>Deck Length Open</b>	21.1m approx.
<b>Rear Overhang</b>	3.9m
<b>Short Bottom Deck</b>	0.4m at base of Gooseneck Trombone designed to carry front wall of House.
<b>Deck Width</b>	3.05m
<b>Top Deck</b>	2.5m
<b>Deck Height Lowered</b>	0.9m
<b>Deck Height Raised</b>	2.8m
<b>Axle Spacing</b>	2.4m
<b>GVM Rating</b>	48,000 kg
<b>Tare</b>	15,500 kg approx.
<b>King Pin</b>	2" Jost Bolt up.
<b>Skid Plate Height</b>	1400 mm
<b>Gooseneck Cylinder</b>	Short 2 stage ram
<b>King Pin</b>	2" bolt up fitted to Oscillating Skid Plate
<b>Trombone</b>	Poly Beam Torsional Box design
<b>Hose Stowage System</b>	Pegs to retain hoses with the hoses manually coiling at gooseneck. Air operated locks on the Trombone, with the air switch placed at the side of the gooseneck.
<b>Pockets</b>	Alongside and rear to suit 6" steel beams. c/w Trays at bottom of pocket, fitted to main deck.
<b>Forward Deck</b>	3mm Chequer plate with rope rail around bottom of combing rail
<b>Main deck</b>	Skeletal design (not decked in)
<b>Winch Points</b>	One Double Purchase type each side on Each Suspension tower. 2x at rear bumper. One each side at the base of Gooseneck facing towards the side not front
<b>Rope Hooks</b>	Fitted down each side below combing Rail. Approx. 8 per side 20 mm diameter.

<b>Hydraulic Suspension</b>	6” diameter/double acting.
<b>Axles</b>	1 <sup>st</sup> Axle Fixed BPW. 2 <sup>nd</sup> & 3 <sup>rd</sup> BPW LL Series steering axles. All 10 stud Grease filled Hubs.
<b>Rims</b>	13 of 17.5 steel wheels (includes 1 spare).
<b>Tyres</b>	13 of 235 75R 17.5 radials. (includes 1 spare).
<b>Spare Tyre Mount</b>	Spare mounted beside power pack.
<b>Braking</b>	To meet NZ brake regulations.
<b>Lighting</b>	LED lighting system to NZ regulations.
<b>Power pack</b>	Perkins 50hp -4 cylinder water cooled Power Pack, with Mesh lockable cover
<b>Head Board</b>	Fitted to rear of power pack
<b>Hydraulic Controls</b>	Fitted in the front panel of the gooseneck
<b>Remote Control</b>	For Power steering by Radio remote (Cordless push button operation), All other Hydraulic functions are manual from the front of the trailer.
<b>Rev Lifter</b>	Operates on remote.
<b>Electrical enclosure</b>	Fitted RHS of gooseneck c/w 2 of axle centered LED’s.
<b>Pressure Filter</b>	Fitted to hydraulic system to safeguard hydraulic cylinders and valving.
<b>Tool Boxes</b>	2 of supplied. 1 fitted each side at front of main deck. Plated in with drop down opening front.
<b>Signs</b>	Corner hazard panel supplied front and rear.
<b>Paint</b>	Grit blasted, primed and painted in 2K DuPont Fleetline™ paint system, electrostatically applied for full coverage.
<b>Steering Procedure</b>	<p>Centre and Rear axles are Power steered, operated via a radio remote. The steering mode allows for all axles to be steered together from 1 switch. This mode allows for both axles to steer to full lock for crab steering. It does not mean that all wheels will steer at the same time in this mode due to the differences in load on each axle. Each axle can be steered individually via its own switch. The rear axle has a float position to allow it to caster in road mode. Center axle is fitted with a proximity switch with a corresponding LED fitted to the gooseneck. The LED’s indicate when this axle is in the straight-ahead position. Manual pins are supplied to pin the axles in the straight-ahead position.</p> <p>The Steering circuit utilizes 2 steering cylinders per axle. A needle valve is provided at each axle to top the Hydraulic tie rod up with oil from any internal leakage. To maximize Tyre life we suggest the needle valve is used once every 3 weeks. (Takes 2 minutes per axle).</p>

*Please Note: Specifications shown above for New Zealand, please contact us for specification for Australia and other countries.*

# Trailer Options

TRT has a wide range of standard and customisable options available for each trailer. These options are designed fit for purpose.

## OPTIONS

- Short 2 stage ram
- Side shift
- King pin side shift
- Decking to main deck
- Remote lift/lower
- Clip on provision
- Work lights
- Power pack options
- Alloys
- Rear bumper
- Winch
- Other deck lengths
- Accumulators
- Non skid surface
- Mat racks

## Design and Engineering

TRT has a full range of design and build capability. If you require a transport solution or have a specific purpose for your new trailer, TRT are able to work with you from initial sketches or specifications to create fully engineered design solutions for your payloads now and in the future.

## Manufacturing

TRT design, fabricate and manufacture in house. TRT are accredited ISO 9001:2015, quality is critical to ensure your trailer will meet and in most cases exceed your requirements to minimise payback period. When you choose a trailer from TRT, it's for the long haul.



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