

THS TRUCK HYDRAULIC SOLUTIONS

DESIGN - SUPPLY - FITMENT - SERVICE



EUROPEAN
QUALITY
COMPONENTS



TRAILER TIPPING KITS

THS TRUCK HYDRAULIC SOLUTIONS

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- ☎ NATIONAL SALES/SERVICE PH **1300 80 30 70**
- 📍 NSW: 12/31 COOMBES DR, PENRITH NSW 2750
- 📍 VICTORIA: 2/54 BARRETTA RD, RAVENHALL VIC 3023
- 📍 QUEENSLAND: 4/40 REGINALD STREET, ROCKLEA QLD 4106
- 🌐 www.truckhydraulicsolutions.com.au

KITS

THS TIPPING TRAILER



Tipping Cylinder



DC Power Pack & Control



Hose Kit

TIPPING CYLINDER CHART

MODEL	No OF STAGES	LIFT (mm)	LIFT CAPACITY 50° TIP (TONNES)			CLOSED HEIGHT (mm)
			NOM	MAX	IDEAL PIVOT	
SINGLE UNDERBODY						
6002S	6	840	4	6.5	1010	315
6003S	6	1005	4	6.5	1190	355
3063S	4	790	5	8.5	950	380
3065S	4	1050	5	8.5	1260	445
3092S	5	1040	5	8.5	1190	395
3093S	5	1190	5	8.5	1425	425
3094S	5	1490	5	8.5	1785	485
6008S	6	1480	5	8.5	1785	440
6009S	6	1780	5	8.5	2140	490

OPTIONS

THIS TRAILER TIPPING KIT



Radio Remote Control



Rear Pivot Assembly LH/RH



3 Way Tipping Cradle Kits



Deck Pads



Hose Burst Protect



Body Hardware

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TIPPER TRAY CONVERSION KIT

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KIT FEATURES

TIPPER TRAY CONVERSION KIT

- Twin Cab or Extra Cab vehicles with tray lengths of 1.5-2.0m with load capacity to 1.5 ton
- Single Cab vehicles with tray lengths from 2.0-2.65m with load capacity up to 2 ton
- Flexible mounting cross rails
- The hydraulic cylinder being contained within the frame
- Extendable Frame Arms
- The intelligent crank hinge



Fully "Bolt on"

- A Basic Kit provides the main structural frame and the hydraulics
- The Premium Kit includes all the mounting components and electrical equipment for a complete installation, guided by the comprehensive manual.

Special Features

- Uses your existing tray
- Double Acting Tipper Cylinder
- Auto Tray Lock System secures tray when lowered
- Safety protection from falling loads in case of hose burst
- Safety Pins for mechanically securing tray in raised position 45° - 50° tipping angle
- Controlled descent speed
- Factory Pre-set Pressure Relief Valve
- Comprehensive Installation Guide



KIT FEATURES

TIPPER TRAY CONVERSION KIT

- The automatic locking system mechanically locks the frame in the down position reducing rattling and excessive wear in the hinges and other contact areas while travelling on rough surfaces. It also reduces the risk of the tray tipping up while loading items such as motor cycles or ride on mowers or in the event of an accident.
- The hose burst protection valve automatically engages in the event of a hydraulic hose burst to prevent the tray lowering uncontrolled. The valve is equipped with a by pass function in the event of a burst hose that allows the tray to lower at a dramatically reduced speed.
- The pressure compensated flow control ensures the lowering speed is consistent, irrespective of load.
- The DC Motor is protected from burning out due to excessive use. Once the motor cools down it will reset and be able to be used again.
- The Hydraulic Power Unit has an adjustable relief valve that limits the maximum tipping load. This should be considered against the legal load limits of the vehicle, however it ensures that the load never exceeds the capability of the frame.
- To ensure that the tray comes down in a controlled fashion, the double acting cylinder is driven down at a low pressure. This also ensures that the locking mechanism is fully engaged when the tray is down.
- The double acting 3 metre pendant control has a plug, that allows it to be removed and stored securely
- An electrical isolation switch with a removable key is located near the Hydraulic Power Unit to ensure that the tipping function cannot be operated accidentally or inappropriately
- The master fuse reduces fire risk caused by electrical wire chafing or in the event of a vehicle collision. It also limits excessive load tipping.
- Locking pins can be placed in the frame when the tray is elevated to ensure you are able to safely work under the tray.

Premium Kit Includes:

- Assembled hinged sub-frame with cylinder fitted
- Auto tray lock, hose burst valve, safety pins & battery isolator
- Hydraulic Power Unit, Hose and Fittings
- Universal cross members and mount brackets
- Mounting spacers, rubbers, nuts, bolts and washers
- Power cable, lugs, terminals, main fuse and cable ties
- 2 button pre-wired hand piece with 3m cord

OPTIONS

TIPPER TRAY CONVERSION KIT

Optional Radio Transceiver can be plugged into the Hydraulic Power Unit to enable wireless operation of the tipper. Control the tipping function from a safe distance and in the best viewing position(s).

ADR Certification is available by a certified Engineer at an extra cost.

We have a range of resellers enabling fast access to the tipping kits as well as installation in their workshop with a one day turn around.



TKVH2P Standard Premium Ute Kit

- Suits Single Cabs with 2m - 2.65m tray lengths
- Carrying capacity - 2 Ton
- Full Installation Kit

TKVH2B Standard Basic Ute Kit

- Suits Single Cabs with 2m - 2.65m tray lengths
- Carrying capacity - 2 Ton
- Frame & Hydraulics only

TKVH1P Short Premium Ute Kit

- Suits Dual & Extra Cabs with 1.5m - 2m tray lengths
- Carrying capacity - 1.5 Ton
- Full Installation Kit

TKVH1B Short Basic Ute Kit

- Suits Dual & Extra Cabs with 1.5m - 2m tray lengths
- Carrying capacity - 1.5 Ton
- Frame & Hydraulics only

RCA-2B4LW Wireless Pendant

- Optional accessory, fully compatible with supplied 3m Remote Control

Load Capacity: • Based on evenly distributed load • Includes weight of tray

• Standard Kit: 217x96x46cm = 210Kg

• Short Kit: 167x96x46cm = 180kg

• All prices exclude GST and Freight costs

• Contact Truck Hydraulic Solutions for a freight cost

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