



## STEEL MESH OR STEEL CHECKER PLATE PLATFORM TAIL LIFT

### Model: TC501 M & TC501 C

The TC501 series is an “all rounder” with a capacity of 500kg, ideal for most applications and perfect for one to five tonne vehicles. With hundreds of units in service, the TC501 series including the TC501 M (Mesh) and the TC501 C (Checker Plate) models are proven performers “Built to Last”.

#### Features

- Built to Australian Standards
- Solid lift arm construction for maximum loading stability
- All pins are zinc plated – 25mm diameter for added strength and durability
- Removable hand held controls for operational flexibility
- Hand control is IP65 rated for reliability
- Fixed controls in lockable weather-proof metal box is optional subject to vehicle suitability
- Heavy duty 2.2kw power pack with 8m of battery cable
- Starter solenoid with silver contact (150A) for reliability
- Power pack in weatherproof & noise dampening enclosure
- Hydraulic test point for safe and easy maintenance
- Control unit without electronic components for ease of servicing
- Removable key battery isolator prevents unauthorised use
- Lift cylinder flow restricted for safe lowering
- Durable, non-slip platform surface
- Low profile ramp for easy loading of goods
- Pressure compensated hydraulics for a consistent operating speed
- Pressure relief valve helps prevent overloading
- Spring assisted manual opening /closing of platform
- Double wire-braided hydraulic hoses for durability
- Low maintenance bushes and greasing provision for smooth operation and long life
- Servicable cylinders help reduce maintenance costs
- Manually activated platform stowed safety lock
- Comprehensive operating instructions and safety decals
- 24 months conditional parts and labour warranty
- Can be removed and re-installed when vehicle changeover occurs
- Good retained value in secondhand market, due to Tieman’s “Built to Last” proven performance



TC501 M in stowed position.



TC501 M in fully lowered position.



Safety and operating instructions and, enclosed power pack.

**Option  
Now  
Available**



Please contact Tieman for more information.

*Tieman reserves the right to modify, without notice, the technical and aesthetic characteristics of the product.*



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#### THE TIEMAN ADVANTAGE

✓ **Deal with the leading specialists for expertise and the best solutions**

Since 1953, Tieman's engineering excellence has earned its products the "Built to Last" reputation. Today, Tieman is the Australian tail lift leader and our years of experience are put to good use in product development, advice and service.

✓ **Professional service for enhanced longevity**

Tieman's planned service agreements ensure regular and professional servicing for enhanced reliability and longevity. Your tail lift is likely to outlast its vehicle if properly maintained and can be easily transferred to another vehicle.

✓ **Training for safety**

All tail lift owner's manuals include a risk analysis in compliance with Plant Regulations and includes operational instructions, maintenance tips and safety advice. At your request, we can arrange for an on-site demonstration for correct and safe operation of your tail lifts.

✓ **Spare parts fast and 24 hour, 7 day support, Australia-wide... 1300TIEMAN**

Tieman's fleet of over 70 service vehicles operates 24 hours a day, 7 days per week, around Australia. Factory trained technicians are always on call in case of emergency and a comprehensive range of genuine parts is available at all times for swift delivery throughout Australia.

	TC501 M (Mesh)	TC501 C (Checker Plate)
LIFT CAPACITY	500kg	
NOMINAL PLATFORM SIZE	1760mm W x 800mm L + 205mm L ramp	
PLATFORM FINISH & CONSTRUCTION	Hot dipped galvanised 1 piece steel mesh	Painted 1 piece steel checker plate
LOAD CENTRE	400mm	
NOMINAL UNIT WEIGHT INSTALLED	177kg	199kg
NOMINAL CENTRE OF GRAVITY OF UNIT WHEN STOWED	110mm	
FITTING REQUIREMENTS *Subject to vehicle type & floor height	1230mm maximum floor height unloaded 660mm minimum floor height loaded *700mm min. underbody clearance for 660mm floor height *600mm min. underbody clearance for 1230mm floor height	
ADDS TO VEHICLE LENGTH	150mm when no extension beam required (eg. lift up doors) 225mm when 75mm extension beam is required to clear barn door hardware	
BATTERY ISOLATION SWITCH	Yes	
CONTROLS	Removable IP65 rated two (2) button hand control c/w 2.75m lead. (Optional fixed controls in lockable weather-proof metal box subject to vehicle suitability)	
LIFTING OPERATION	Power up / gravity down	
SPEED DOWN	Adjustable flow control factory pre-set to maximum 100mm/sec	
CLOSING / OPENING OPERATION	Manual (torsion spring assisted opening and closing)	
PLATFORM STOWED LOCK	Manual chain & hasp	
LIFT ARM CONSTRUCTION	16mm steel plate	
LOW MAINTENANCE BUSHES	Yes	
PINS	Zinc plated Ø25 mm dia. high grade bar	
HYDRAULIC POWER PACK	Heavy duty 2.2kw in weather-proof noise dampening enclosure	

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