



A Trailer is a trailer isn't it? NOT THESE ONES

The Trailer Factory...

Since 1985 The Trailer Factory has been manufacturing quality trailers for the home handyman, tradesman, contractor or for those that just want to have fun. Systemised production methods combine intelligent design, engineering skill and top quality materials combined with quality workmanship to manufacture quality trailers at competitive prices. At The Trailer Factory we manufacture: Single axle, Tandems, Tri-Axle, Off-road, Motorcycle, Recreational, Tradesman, Cargo, Lawn Mower, Stock Crates, Tippers, Car Carriers, Bobcat, Machinery, Canvas and Frames, Tonneau covers, Boat and Canoe, BBQ and ATV's. Trailers made at The Trailer Factory stand up to the rigours of Australian conditions. In fact, The Trailer Factory can build a trailer for almost any purpose -

Why buy a trailer factory trailer? : -

1. STEEL

- Ø All the steel used in our manufacture is 1st grade steel. We do not use the cheaper downgrade steel in any stage of our production.

2. PAINTWORK

- Ø Prior to painting, all trailers are cleaned with thinners to remove all grease and scale. They then are undercoated with grey zinc primer undercoat and painted with 2-3 coats of hammertone paint with a selection of colours to choose from. Industrial enamel, two pack and galvanising is available upon request.

3. AXLES

- Ø All axles used are duraflex steel. Specific steel designed to cope with the flexing and stress of their various applications. We do not use the cheaper pipe axles in the manufacture of our trailers. Different options are available.

4. WHEEL BEARINGS

- Ø All wheel bearings used are to automotive standards and are compatible with standard Australian manufactured wheels and axles.

5. VEHICLE IDENTIFICATION PLATE

On every trailer there is a permanently affixed plate, in a prominent external position, giving:

1. Manufacturers Name
2. VIN or Vehicle Identification Number
3. Date of manufacture
4. Gross Trailer Mass in kg
5. Tyre Details: A.D.R. 24.2
 - a) Recommended tyre size designations
 - b) Recommended tyre pressure in Kpa
 - c) A statement on tyre carrying capacity as outlined in A.D.R.24.2.3.1

***THE BITTERNESS OF POOR QUALITY REMAINS LONG AFTER THE
SWEETNESS OF A LOW PRICE IS FORGOTTEN.***

6. TRAILER WIRING

- All wiring is anchored to the chassis at intervals of not more than 600 millimetres along its length.
- All wiring is insulated at joints.
- All wiring is located in such a position that it can neither become overheated nor contact moving parts.
- All wiring is protected from chafing.
- An Earth return wire is provided between the trailer and the vehicle.

7. NUTS AND BOLTS

- All nuts and bolts used are zinc plated for longer life. We use nyloc nuts on all shackle bolts and u-bolts. The nyloc nuts are a far safer alternative as they remain true to the position they are originally tightened to. Vibration and normal wear and tear do not loosen them.

8. DRAWBAR

- The drawbar is securely attached to a substantial portion of the trailer. The drawbar is manufactured to withstand design level forces applied to the centreline of the coupling without distortion, detachment on failure. These forces include longitudinal tension and compression, transverse thrust and vertical tension and compression.

9. SAFETY CHAIN

- Is fitted with a minimum of one safety chain which, when fitted correctly, will hold the trailer drawbar clear of the ground if the coupling should accidentally disconnect.
- The chain weight, attachment and design withstand longitudinal tension and vertical load.
- The weld of the chain to the drawbar extends around at least half of the circumference of the link.

10. BRAKING

- Flexible hydraulic brake hoses used in the hydraulic brake system comply with Australian design rule 7/00.
- All tubing or hose is fitted to the trailer to prevent chafing, kinking or other mechanical damage under normal movement of the parts to which it is attached.
- A range of braking systems are available. Hydraulic, mechanical, and electric drum, mechanical and hydraulic discs, also full air systems.

11. LIGHTING

- The installation and performance of the lamps and reflectors are based on international standards.
- Side lamps, tail lamps and brake lamps all comply with Australian design rule no49.
- Indicator lamps comply with Australian design rule no6.
- Tail lamps feature bayonet globes which are more reliable and better fitting.
- All trailers wider than 1800mm have clearance lights fitted.
- All trailers wider than 2100mm have side marker lamps fitted.
- All trailers have front side and rear reflectors fitted.

12. SUSPENSION

- We have a large range available to cater for any specific requirements. Including eye and slipper and rocker-roller suspension.

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13. COUPLING

- Ø We fit 50mm couplings with high tensile steel bolts used for the front coupling bolts for greater strength. We also have available the genuine Trigg coupling for serious offroad trailers.

14. GREASE

- Ø There are many greases available on the market ranging from standard duty to extreme pressure greases. We choose to use extreme pressure grease, which gives greater life and is ultimately a safer option.

15. CAPACITY & LOADING

The Trailer Factory rates trailers as follows: -

- | | |
|---|-------------------------|
| - With brakes and slipper springs | Rated at 1,600 kg gross |
| - With 5 leaf x 60mm load sharing suspension | Rated at 2,000 kg gross |
| - H/D & EH/D single axle trailers with brakes | Rated at 1,000 kg gross |
| - Single axle trailer with no brakes | Rated at 750 kg gross |

16. DEFINITIONS - MASS

TARE

Unladen weight of trailer.

AGGREGATE TRAILER MASS (ATM)

The total mass of the laden trailer when carrying the maximum load recommended by the manufacturer. This includes any mass imposed onto the drawing vehicle when combination vehicle is resting on a horizontal-supporting plane.

GROSS TRAILER MASS (GTM)

The mass transmitted to the ground by the axle or axles of the trailer when coupled to a drawing vehicle and carrying its maximum load approximately uniformly distributed over the load bearing area.

NOTE: These definitions are in accordance with ADRs and may differ from other definitions in use.

NOTE: Except for semi-trailers, the difference between the ATM and GTM is usually small.

17. HIRE TOUGH

- Ø The best recommendation we can give is the toughest application possible – **HIRE**. The rigours and demands placed on a trailer in a hire application are immense. It is far tougher and harder application than the normal situation a trailer is exposed to. W.E.Hire has an extensive range of Trailer Factory trailers. We use TTF Trailers because they are built to last. Other hire companies who can also provide testament to their strength, quality and durability are C.G.E.Hire, National Hire, Coates Hire, Kennards Hire, Lilydale Hire, Cat rentals, Bayswater Rentals and Hire-It to name a few. Other users are the Baw Shire, Vic Roads, Victorian Police, Red Roo and various Shires among others.

18. WARRANTY

- Ø We offer a 12-month warranty on all our trailers against faulty workmanship and products. Excludes wheels and tyres.

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SPECIFICATIONS - SINGLE AXLE TRAILERS

SIZE	MODEL	SIDE RAILS	CHASSIS			No OFF	SPRINGS	AXLE	WHEELS	J/W CLAMP
			F&R MEMBERS	DRAWBAR	FLOOR MEMBERS					
5 X 3 5 X 3'6" 6 X 4	Standard Duty 10" sides	35 X 35 RHS	35 X 35 RHS	50 X 50 Angle	'C' Channel	3 off	3lf X 45mm E & S	39mm Round	Datsun	No
5 X 3 5 X 3'6" 6 X 4	Medium Duty	35 X 35 RHS	35 X 35 RHS	65 X 35 RHS	'C' Channel	3 off	4lf X 45mm E & S	39mm Round	Datsun	No
5 X 3 5 X 3'6" 6 X 4	Domestic Heavy Duty	35 X 35 RHS	35 X 35 RHS	76 X 38 RHS	C' Channel	3 off	5lf X 45mm E & S	39mm Round	14" Ford	No
6 X 4	Commercial Heavy Duty	40 X 40 RHS	40 X 40 RHS	75 X 50 RHS	40 x 40 RHS	3 off	5lf X 45mm E & S	40mm Square	14" Ford	No
6 X 4	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	4 off	6lf X 45mm E & S	40mm Square	14" Ford	Yes
7 X 4	Medium Duty	35 X 35 RHS	35 X 35 RHS	65 X 35 RHS	'C' Channel	4 off	4lf X 45mm E & S	39mm Round	Datsun	No
7 X 4	Domestic Heavy Duty	35 X 35 RHS	35 X 35 RHS	76 X 38 RHS	'C' Channel	4 off	5lf X 45mm E & S	39mm Round	14" Ford	No
7 X 4	Commercial Heavy Duty	40 X 40 RHS	40 X 40 RHS	75 X 50 RHS	40 X 40 RHS	4 off	5lf X 45mm E & S	40mm Square	14" Ford	No
7 X 4	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	4 off	6lf X 45mm E & S	40mm Square	14" Ford	Yes
7 X 4'6"	Commercial Heavy Duty	40 X 40 RHS	40 X 40 RHS	75 X 50 RHS	40 X 40 RHS	4 off	5lf X 45mm E & S	40mm Square	14" Ford	No
7 X 4'6"	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	4 off	6lf X 45mm E & S	40mm Square	14" Ford	Yes
7 X 5	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	4 off	6lf X 45mm E & S	40mm Square	14" Ford	Yes
8 X 4	Commercial Heavy Duty	40 X 40 RHS	40 X 40 RHS	75 X 50 RHS	40 X 40 RHS	5 off	5lf X 45mm E & S	40mm Square	14" Ford	No
8 X 4	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	5 off	6lf X 45mm E & S	40mm Square	14" Ford	Yes
8 X 4'6"	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	5 off	6lf x 45mm E & S	40mm Square	14" Ford	Yes
8 X 5	Extra Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	5 off	6lf X 45mm E & S	40mm Square	14" Ford	Yes

MOTOR BIKE TRAILERS - SUPPLIED WITH FRONT STONE GUARD AND 8 TIE DOWN POINTS

SPECIFICATIONS - TANDEM AXLE TRAILERS

SIZE	MODEL	CHASSIS					SPRINGS	AXLE	WHEELS	J/W	CLAMP
		SIDE RAILS	F&R MEMBERS	DRAWBAR	FLOOR MEMBER	No OFF					
7 X 4	Standard	40 X 40 RHS	40 X 40 RHS	76 X 38 RHS	40 X 40 RHS	4 off	5lf X 45mm E&S	39mm Round	Datsun	No	
7 X 4'6"	Standard	40 X 40 RHS	40 X 40 RHS	76 X 38 RHS	40 X 40 RHS	4 off	4lf X 45mm E&S	39mm Round	Datsun	No	
7 X 4'6"	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	4 off	5lf X 45mm E&S	40mm Square	14" Ford	Yes	
7 X 5	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	4 off	5lf X 45mm E&S	40mm Square	14" Ford	Yes	
8 X 4	Standard	40 X 40 RHS	40 X 40 RHS	76 X 38 RHS	40 X 40 RHS	5 off	4lf X 45mm E&S	39mm Round	Datsun	No	
8 X 4	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	5 off	5lf X 45mm E&S	40mm Square	14"	Yes	
8 X 4'6"	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	5 off	5lf X 45mm E&S	40mm Square	14" Ford	Yes	
8 X 5	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	5 off	5lf X 45mm E&S	40mm Square	14"	Yes	
8 X 5	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	4 off 1 off	6lf X 45mm E&S	40mm Square	14"	Yes	
9 X 5	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	6 off	5lf X 45mm E&S	40mm Square	14"	Yes	
9 X 5	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	5 off 1 off	6lf X 45mm E&S	40mm Square	14"	Yes	
10 X 5	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	7 off	5lf X 45mm E&S	40mm Square	14"	Yes	
10 X 5	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	6 off 1 off	6lf X 45mm E&S	40mm Square	14"	Yes	
10 X 6	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	7 off	5lf X 45mm E&S	40mm Square	14"	Yes	
10 X 6	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	6 off 1 off	6lf X 45mm E&S	40mm Square	14"	Yes	
12 X 6	Heavy Duty	65 X 35 RHS	65 X 35 RHS	75 X 50 RHS	40 X 40 RHS	8 off	5lf X 45mm E&S	40mm Square	14"	Yes	
12 X 6	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	6 off 2 off	6lf X 45mm E&S	40mm Square	14"	Yes	
12 X 6'6"	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	6 off 2 off	6lf X 45mm E&S	40mm Square	14"	Yes	
14 X 6'6"	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	7 off 3 off	6lf X 45mm E&S	40mm Square	14"	Yes	
16 X 6'6"	Extra Heavy Duty	75 X 50 RHS	75 X 50 RHS	100 X 50 RHS	65 X 35 RHS 75 X 50 RHS	8 off 3 off	6lf X 45mm E&S	40mm Square	14"	Yes	

* All prices include second hand wheels and tyres. For new please see options list.

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