

1. Introduction

This operator's manual is one of the most important parts of the TT Trailer as it will enable any operator to get optimum performance with minimum risk of injury or damage to the machine.

Throughout this manual your attention will be drawn to possible hazardous situations by the use of the following symbol:



Wherever you see this symbol take careful note of the information that follows. It is for your benefit.

2. Purpose of the TT Trailer

The TT trailer is designed for transportation of bulk materials up to the weights specified in the table below. The body of the trailer can be tipped to the rear in order to discharge the material. Tipping requires a single acting hydraulic service on the tractor.

3. Specifications

Model	Body size	Capacity
TT1000	1.8mx1.2m	1000 kg
TT1500	1.8m x 1.3m	1500 kg
TT2000	2.4mx1.5m	2000 kg

4. Safety and Hazards



General notes on Safety at work.

1. Inspect all parts of the machine any time you intend to put it into work.
2. Check all bolts, nuts and fixings, particularly wheel nuts. They must be tight.
3. Beware of bystanders when operating the Trailer. Keep any persons not

necessary to complete the job well away, particularly when filling and emptying the trailer.

4. Keep all guards fixed securely in place.
5. Never get off the tractor without:
 - disconnecting the PTO/hydraulic drive
 - lowering the trailer body
 - applying the parking brake
 - switching off the engine and removing the key.
6. Always be ready to switch off the engine should a hazardous situation occur.
7. Always be sure any new operator has a thorough understanding of the machine and that they follow the safety precautions. **All** operators must read this manual.
8. Ensure that the tractor can handle the weight of the trailer when full in complete safety. Pay particular attention when working on slopes.
9. Hydraulic oil is dangerous. Protect yourself from contact with it at all times.
10. Do not stand in the trailer whilst in motion.
11. Do not go under the trailer body unless it is properly supported.

5. Attaching to tractor



WARNING

The trailer should only be fitted to a tractor which is capable of handling the load safely. See your tractor's operator's manual for information on towing capacities.

Attach the towing ring on the trailer drawbar to the clevis hitch on the tractor. Ensure you use the correct drawbar pin and fixing clip. Reduction bushes are available from Kilworth if the ring is too loose on the drawbar pin.

Stop the tractor engine and connect the hydraulic hose to a single acting service on the tractor.

Connect the 7 pin electric plug to the socket on the tractor (Where lights are fitted)

6. Operation

Load the trailer on level ground. Always be aware that as you load the trailer the centre of gravity will rise and the trailer will become less stable.

Load the trailer body evenly. Do not over load. When filling with sand or soil do not fill above the sides of the trailer.



CAUTION

Always remove tailgate before commencing the tipping operation.

To tip the trailer, operate the single acting hydraulic service with the tractor at low engine speed. To lower the trailer body, move the lever to the float or return position.



CAUTION

Do not move the tractor until the body is fully lowered. Be especially careful when tipping on sloping ground as the higher the load the more unstable it becomes.



WARNING

Hydraulic oil under pressure can pierce the skin and cause serious injury or death. Always release pressure from the system before any maintenance or adjustments. Wear gloves and eye protection.

When removing the trailer from the tractor always **CHOCK THE WHEELS.**

7. Maintenance

- **Before each use:**
- Check all nuts, bolts and fixings for tightness
- Check tyres for damage and correct pressure
- **Every 10 hours:**
- Grease the hydraulic cylinder pivot point beneath the trailer body. This point can be accessed without tipping the body. **Do not go under an unpropped body.**

Operators Manual Kilworth TT trailers

Models TT1000, TT1500, TT2000



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