

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

⚠ IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- ❑ **WARNING!** *Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.*
- ✓ Use a qualified person to lubricate and maintain the lift. DO NOT use brake fluid to top up hydraulic unit. Use Sealey hydraulic oil only.
- ✓ Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Keep the lift clean for best and safest performance.
- ✓ Before use, ensure that the transportation plug in the hydraulic unit is replaced by the vented plug (see 4.1.4.).
- ✓ Locate the lift in a suitable work area. Keep area clean and tidy and free from unrelated materials, and ensure that there is adequate lighting.
- ❑ **WARNING!** *Use lift on level and solid ground, preferably concrete. Avoid tarmac since the lift may sink into the surface.*
- ✓ Maintain correct balance and footing. Ensure that the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and non-essential persons away from the work area.
- ✓ Never operate the lift with a load heavier than 500kg. Ensure the load is evenly distributed on the platform and secured if necessary.
- ✓ Before lifting check that there are no overhead obstructions.
- ✓ When raised, insert the safety bar to keep the platform from lowering.
- ✓ When work is complete, check under the platform to ensure that there are no obstructions and that it is safe to lower the unit.
- ✗ DO NOT operate the lift if any parts are damaged or missing as this may cause failure and/or possible personal injury.
- ✗ DO NOT place any part of your body within or under the lift during use.
- ✗ DO NOT operate the lift when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ DO NOT use the lift for any purpose other than that for which it is designed.
- ✗ DO NOT allow untrained persons to operate the lift.
- ✓ Store lift in a dry, childproof area when not in use.

2. INTRODUCTION

The MT500 Mini Tractor Lift is of all-steel construction with a heavy duty hydraulic ram operated by a separate foot pump unit. Platform safety lock device to prevent accidental lowering. Drop-leaf platform with chequer plate surface for secure loading and positioning of mini tractor. The base assembly can be fitted with optional wheels.

❑ **WARNING!** Ensure that there is adequate clearance between the underside of the mini tractor and the point where the loading ramp and platform meet. Failure to do so may cause damage.



3. SPECIFICATION

SPECIFICATION:	
Capacity	500kg
Height Min/Max	160/785mm
Width x Length	1000 x 2200mm
Hydraulic Oil Capacity	1.3l

4. ASSEMBLY INSTRUCTIONS

Numbers in brackets refer to the items in the parts list.

4.1. Hydraulic pump

Important! The pump (2) is supplied filled with oil, take care when carrying out the following instructions.

- 4.1.1. Connect the angled fitting of the hydraulic hose (9) to the ram (14).
- 4.1.2. Support the pump (2) vertically so that the connecting port is uppermost. Remove the plastic plug and fibre washer from the port and replace with the male-male fitting and copper washer provided.
- 4.1.3. Connect the free end of the hydraulic hose to the fitting.
- 4.1.4. Return the pump to the normal horizontal position and then remove the transportation plug and replace with the vented plug supplied.
- 4.1.5. Attach the mobile ramp (22) using the four pins provided.

4.2 Optional wheel assembly

- 4.2.1. The wheel assembly is supplied ready to fit.
- 4.2.2. Raise the unladen platform, as described in section 5.
- 4.2.3. Fit the wheel assembly into the brackets on the frame, as shown in fig. 1.
- 4.2.4. Ensure the locking tab is in a horizontal position and secure the wheel assembly using two elastic pins, 4 X 40.

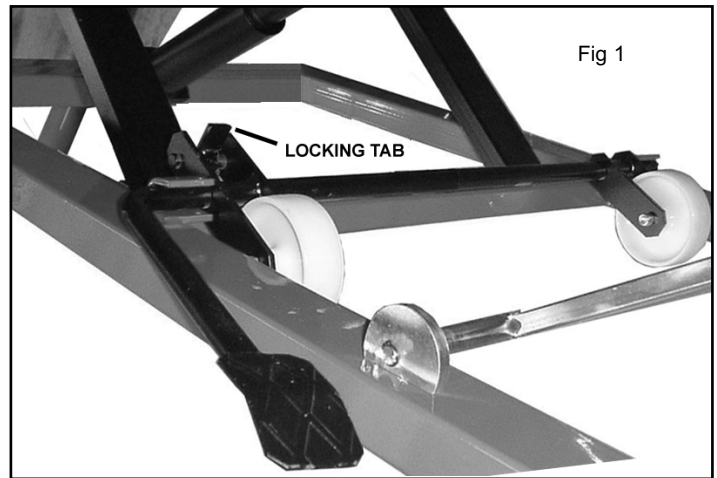


Fig 1

5. OPERATING INSTRUCTIONS

5.1. Operating the platform

- 5.1.1. Before use, check that the lift is level on a suitable surface, the wheel assembly (if fitted) is fully raised, and that the platform is fully lowered.

WARNING! Ensure that there is adequate clearance between the underside of the mini tractor and the point where the mobile ramp and platform meet. Failure to do so may cause damage.

- 5.1.2. Position the mini tractor on the platform and apply the handbrake.
- 5.1.3. Raise the platform by pumping the foot pedal.
- 5.1.4. When fully raised, position the safety bar (17) between the arm (16) and the base (8) to prevent the platform from accidentally descending.
- 5.1.5. When work is complete, check under the platform to ensure there are no obstructions and that it is safe to lower the unit.
- 5.1.6. Remove the safety bar (17).
- 5.1.7. Press the release foot pedal to lower the platform.

5.2. Operating the wheel assembly

WARNING! The wheel assembly is designed for maneuvering the lift unladen.

- 5.2.1. Raise the unladen platform and position the safety bar to prevent the platform from accidentally descending.
- 5.2.2. Press down on the wheel assembly foot pedal to raise the frame sufficiently to allow the locking tab to be positioned vertically.
- 5.2.3. Release the foot pedal.
- 5.2.4. Position the foot pump such that it can move safely and freely with the lift.
- 5.2.5. The platform can now be maneuvered.
- WARNING!** Ensure there are no obstructions underneath the frame before disengaging the wheel assembly.
- 5.2.6. To disengage the wheel assembly, press down on the wheel assembly foot pedal to raise the frame sufficiently to allow the locking tab to be positioned horizontally.
- 5.2.7. Release the foot pedal.

6. MAINTENANCE

IMPORTANT: Only fully qualified personnel should attempt maintenance or repair.

X DO NOT use the lift if it is believed to have been subjected to abnormal shock or load. Inspect and take appropriate action.

- 6.1. When the lift is not in use, the platform must be in the lowest position to minimise hydraulic ram and piston corrosion.
 - 6.2. Keep the lift clean and wipe off any oil or grease. Lubricate all moving parts with acid-free oil.
 - 6.3. Before each use, ensure components are not damaged, malfunctioning or missing. If any suspect item is found remove the lift from service and take the necessary action to remedy the problem.
 - 6.4. Periodically check the pump piston and piston rod for signs of corrosion. Clean exposed areas with a clean oiled cloth.
- WARNING!** Only a good quality hydraulic oil, such as SEALEY HYDRAULIC JACK OIL must be used, DO NOT use brake fluid.

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THE LIFT.

Hydraulic products are only repaired by local service agents. We have service/repair agents in all parts of the UK. **DO NOT RETURN LIFTS TO US.** Please telephone 01284 757500 to obtain address and 'phone number of your local agent. If lift is under guarantee please contact your dealer.

De-commissioning: If and when the lift become completely unserviceable, draw off the oil into an approved container and dispose of the lift and the oil according to local regulations.

7. DECLARATION OF CONFORMITY

Declaration of Conformity We, the sole importer into the UK, declare that the product listed below is in conformity with the following standards and directives.

Mini Tractor Lift

Model: MT500

98/37/EC Machinery Directive
93/68/EEC CE Marking Directive



The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Mark Sweetman

24th April 2002

For Jack Sealey Ltd. Sole importer into the UK of Sealey Quality Machinery.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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