

INSTRUCTIONS FOR:
HYDRAULIC DRUM LOADER
 Model: **DH03**

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 AND 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

- ✓ Before use inspect the drum loader for damage and worn components.
- ✓ If in any doubt do not use and have it inspected and/or repaired by an authorised service agent.
- ✓ Only use the drum loader on firm, level, unobstructed surfaces which are capable of supporting the loader and drum.
- ✗ **Do not** overload the drum loader - maximum capacity is one **205 litre** drum.
- ✗ **Do not** ride or allow others to ride on the drum loader.
- ✗ **Do not** use on tarmac/adam. The drum loader must only be used on a concrete surface.
- ✗ **Do not** overload.
- ✓ Replace or repair damaged parts. *Use only recommended parts. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Use a qualified person to lubricate and maintain the drum loader.
- ☐ **WARNING!** Failure to comply with these instructions may result in loss of load, damage to drum loader or other property and/or personal injury.

2. INTRODUCTION AND SPECIFICATION

2.1 Ideal for loading and unloading barrel bunds, vans and general barrel handling when a forklift is not available. Suitable for handling 205 litre drums, Model DH03 has foot-operated hydraulics and smooth-rolling wheels aid handling and manoeuvrability. There are side handles on the main body to position the unit.

2.2 Specification

Model No	DH03
Maximum Drum Height	1610mm
Leg Height	65mm
Leg Length	590mm
Width Inside Legs	700mm
Maximum Width	800mm
Overall Maximum Height	1950mm
Overall Minimum Height	1710mm
Weight67kg

3. ASSEMBLY

3.1 Frame Assembly (Refer to the Frame and Ram Parts List diagrams)

- 3.1.1 Bolt the legs (67) to the base frame (64) using the screws (65) and spring washers (66).
- 3.1.2 Attach the castors (63) to the rear base frame (64) with spring washers (62) and nuts (61).
- 3.1.3 Bolt the post (51) to the base frame (64) using washers (54) (59), spring washers (55) (58), nuts (56) (57), screw rods (60) and bolts (53).
- 3.1.4 Bolt the pump and ram to the base frame (64) with bolts (31).

3.2 Foot Pedal Installation (Refer to the Ram Parts List diagram)

- 3.2.1 Locate the foot pedal (27) in the base (1) using links (26), washers (28), snap pins (29) and pins (30). Refer to Fig. 1.

3.3 Lifting Arm Assembly (Refer to the Frame Parts List diagram)

- 3.3.1 Remove the front rollers (44) from the lifting arm
- 3.3.2 Attach the fulcrum assembly (47) to lifting arm (40) using retaining rings (46) and pin (48).
- 3.3.3 Slide the fulcrum assembly (47) into position from the back of the post (51). Refer to Fig. 2.
- 3.3.4 Tighten the set screw (39) at the rear of the lifting arm (40) to attach it to the ram (not shown).
- 3.3.5 Replace the front rollers (44) removed at paragraph 3.3.1.
- 3.3.6 Remove the back rollers (44) from the support frame (50).
- 3.3.7 Push the support frame (50) into position in the post (51).
- 3.3.8 Replace the back rollers (44) removed at paragraph 3.3.6.
- 3.3.9 Attach the fulcrum assembly (47) to the support frame with pins (49) and retaining rings (46).

3.4 Handle Assembly

NOTE: The handles come with the grub screws attached.

- 3.4.1 Locate the handle grips (52) in the post (51).
- 3.4.2 Push the handle grips (52) fully in position.
- 3.4.3 Unscrew the two grub screws on the handle grip shafts until the handle grips (52) lock in position.

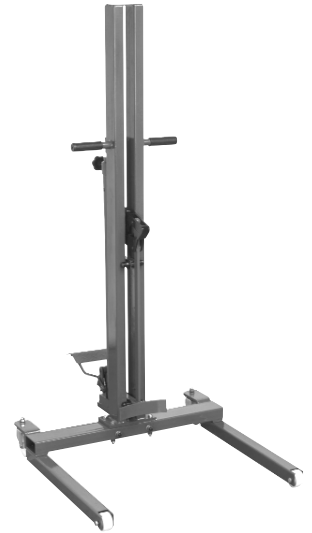


Fig. 1

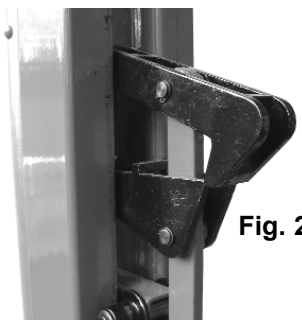


Fig. 2

4. OPERATION

4.1 Lifting a Drum

- 4.1.1 Turn the release valve (14) fully clockwise.
- 4.1.2 Move the drum loader to bring the bottom of the support frame (50) into contact with the drum.
- 4.1.3 Repeatedly depress the foot pedal (27) to raise the support frame so that the drum is between the fulcrum assembly (47) and the lower part of the support frame.
- 4.1.4 Ensure that the drum rim is touching the top and bottom sections of the fulcrum assembly.
- 4.1.5 Push the drum loader against the drum rim, ensuring that the top and bottom claws of the fulcrum assembly part and grip the top and bottom of the drum rim respectively. Refer to Fig. 4.
- 4.1.6 Continue depressing the foot pedal (27) until the drum is clear of the ground.

WARNING: Ensure that the drum position is as low as possible prior to moving the drum loader.

4.2 Transportation

- 4.2.1 Push or pull the drum loader, using the handle grips (52) to the required destination. Apply pressure left or right to steer the drum loader.

CAUTION! Ensure that there are no obstructions in your path and make sure the floor surface is suitable to take the weight of the fully laden drum loader.

4.3 Lowering and Releasing a Drum

- 4.3.1 To lower the drum, SLOWLY turn the release valve (14) anticlockwise and lower the drum until it stands firmly on the ground. Refer to Fig. 5.

WARNING: To avoid damage to the drum loader or the drum, **DO NOT** turn the release valve (14) too rapidly.

- 4.3.2 Release the fulcrum assembly by lifting the top part of the assembly from the drum lip.
- 4.3.3 Pull the drum loader away from the drum.

5. MAINTENANCE

- 5.1 Regularly check the drum loader chassis and wheels for rigidity. Ensure that the rear castor is firmly secured to the chassis.
- 5.2 Regularly check the fulcrum assembly for wear. Replace if necessary.
- 5.3 Regularly check the drum loader's connecting components such as retaining pins, nuts and washers for lubrication and/or wear.
- 5.4 Keep the handle grips free from grease and oil to prevent accidents.

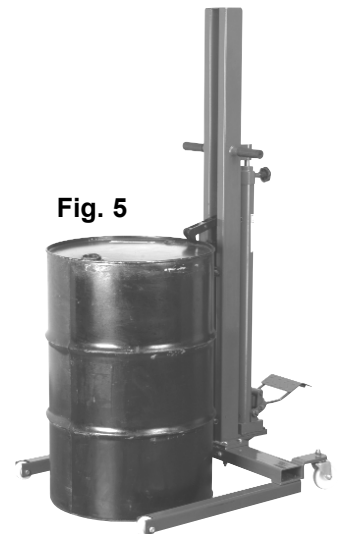
Fig. 3



Fig. 4



Fig. 5



6. 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.

Hydraulic Drum Loader
Model DH03
93/68/EEC CE Marking Directive
98/37/EC Machinery Directive



The construction files 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



2nd August 2006

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.

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 catalogue and latest promotions call us on 01284 757525 and leave your full name, address and postcode.



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