INSTRUCTIONS FOR:

400KG HYDRAULIC MOTORCYCLE LIFT

MODEL No: **MC401**

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

- ✓ Maintain the lift in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Use a qualified person to lubricate and maintain the lift. **DO NOT** use brake fluid to top up hydraulic unit.
- ✓ 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.
- ✓ Ensure that the floor is level and strong enough (preferably concrete) to take the weight of the lift and the bike. **DO NOT** operate the lift on tarmacadam, as the surface may be unstable.
- ✓ Keep the lift clean for best and safest performance.
- ✓ Before use, stabilise the lift by turning the foot stops so that the lift is just raised off of its wheels.
- ✓ The maximum bike weight is 400kg. **DO NOT** exceed this rated capacity.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery, and contain long hair.
- ✓ Maintain correct balance and footing, do not over reach. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Ensure the bike is adequately secured to the lifting platform with appropriate straps.
- ✓ Before lifting check that there are no overhead obstructions.
- ✓ When platform has been raised to the working height ensure that the platform safety spindle is fitted to prevent accidental lowering.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ The lowering speed will vary according to the weight of the load and the release valve setting.
- ✗ **DO NOT** use the lift for a task it is not designed to perform.
- ✗ **DO NOT** operate the lift if it is damaged.
- ✗ **DO NOT** exceed the rated capacity of the lift.
- ✗ **DO NOT** operate the lift when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** allow untrained persons to operate the lift.
- ✗ **DO NOT** attempt to transport a load on the lift. The lift must only be used in a static position for raising and lowering loads.
- ✗ **DO NOT** make any modifications to the lift and **DO NOT** adjust or tamper with the safety valve.
- ✓ Before lowering the lift ensure that there are no obstructions underneath the platform and that all persons are standing clear.
- ✓ Before storing in safe area, ensure that all parts are clean and free of grease and oil. Store lift fully lowered.

2. SPECIFICATION

Specification

Capacity 400kg
Minimum Height 180mm
Maximum Height 760mm

3. ASSEMBLY

Unpack the lift and check contents with list below. Should there be any damaged or missing parts contact your supplier immediately.

Content

- Main Assembly
- Sliding Plate
- Leading Plate
- Vice
- Lifting Pedal
- Release Pedal
- Pedal Guard
- Bolts, Washers, Nuts, Cotter Pins

❒ **WARNING!** Keep your hands away from moving parts.

Numbers in brackets refer to item numbers in the parts diagram.

3.1. Assembly

3.1.1. Fit the sliding plate (66) to the platform (60), to cover the rear wheel removal aperture.
3.1.2. Attach leading plate (69) to end of platform (60) using washers (49) and cotter pins (70).
3.1.3. Fit the front wheel vice assembly (64) to the front of the platform (60) using bolts (65), washers (49) and nuts (33).
3.1.4. Insert the lift foot pedal (71) into the pump piston spindle (10) and insert the release foot pedal (72) into the release valve spindle (5).
3.1.5. Attach the guard plate (67) to the frame (44A) using bolts (68) and nuts (P23). This guard covers the release foot pedal to minimise the risk of accidental lowering.
3.1.6. An extension plate (77) is provided for longer wheelbase bikes. Attach this to the front end of the main platform using the screws (75) and the nuts (76).

3.2. Before first use

3.2.1. Leave the pump for one hour, to allow the oil to settle, before purging the system.
Note: Failure to allow sufficient time for the oil to settle could result in air remaining in the oil. In this event, the pump will not purge completely first time and a second purge will be required.
3.2.2. Purge the hydraulic circuit, to eliminate any air in the system, by fully pressing the release valve pedal (72) and pumping the lift pedal (71) 15 to 20 times.
3.2.3. Test the lift, unladen, by raising it to full height and then lowering it. Depress release valve pedal (72) slowly to control the rate of descent.

4. OPERATING INSTRUCTIONS

❒ **WARNING! Ensure that you read, understand and apply the safety instructions before use.**

❒ **WARNING! DO NOT attempt to overload the lift. The hydraulic pump is equipped with safety valve which will prevent an excessive load from being lifted.**

4.1. Position the lift in a suitable area, checking that the surface on which the lift will stand is solid and flat (preferably concrete). Ensure that the adjusting screws (23A) are screwed down to raise the castor wheels of the ground and thus prevent the lift moving during use.

4.2. Check that the lift is fully lowered, that the vice jaws are open and that the sliding plate is in position.

4.3. Wheel the bike up the leading plate (69) and onto the platform so that the front wheel is just beyond the vice. Support bike on the centre stand.

Note: 1. If rear wheel is to be removed bike must be positioned so that the rear wheel is over the platform aperture.
2. There is a choice of mounting holes for the vice to cater for various sizes of bike.

4.4. Clamp front wheel in vice to prevent any movement of the bike.

4.5. By depressing the lift foot pedal (71), raise the lift.

4.6. When the lift is fully raised pass the set spindle (73) through the holes in the front lifting arm (59) so that the lift cannot be inadvertently lowered.

4.7. When work is complete, check under the lift to ensure that there are no obstructions and that it is safe to lower the unit.
Remove the set spindle from the front lifting arm and then **SLOWLY** press the release valve pedal (72) to **GENTLY** lower the lift.

∗ **IMPORTANT:** The speed of lowering is controlled by the release valve. The more the valve is opened the more rapidly the lift descends. Ensure the descent is slow and controlled.

4.8. When the lift is fully lowered, open the vice jaws and remove the bike from the lift.

5. MAINTENANCE

5.1. When the lift is not in use, it must be stowed in the lowest position to minimise ram and piston corrosion.

5.2. Keep the lift clean and wipe off any oil or grease. Lubricate all moving parts..

5.3. Before each use check all parts. If any part of the lift is damaged or suspect remove lift from service and take necessary action to repair. **DO NOT** use the lift if it is believed to have been subjected to abnormal load or shock. Inspect and take appropriate action.

5.4. Periodically check the ram and piston for signs of corrosion. Clean exposed areas with a clean oiled cloth.

5.5. The hydraulic oil level is checked as follows:
1) Remove hydraulic unit from lift and stand upright.
2) Remove vented plug (fig.1.A). Correct oil level is up to plug aperture - add hydraulic oil as necessary.

❒ **WARNING! Only a good quality hydraulic oil, such as SEALEY HYDRAULIC OIL, must be used. DO NOT use brake fluid.**

∗ **IMPORTANT: Only fully qualified personnel should attempt maintenance or repair. Contact your authorised dealer.**

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THE LIFT.
Hydraulic products are repaired by local service agents only. We have service/repair agents in all parts of the UK.
DO NOT RETURN THE PRODUCT TO US. *Please call us on 01284 757500 to obtain the address and telephone number of your local agent.*
If the product is under guarantee please contact your dealer.

De-commissioning
Should 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.

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.

CE

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Test Certificate No.
QCC/07-B

HEALTH AND SAFETY EXECUTIVE

Health & Safety at Work Act 1974. Docks Regulations 1934, regulations 18(a) & 22(a) SR & O 1934 No 279.
Form prescribed by the Secretary of State for

CERTIFICATE OF TEST AND EXAMINATION OF LIFTING DEVICES AND THEIR ACCESSORY GEAR, BEFORE BEING TAKEN INTO USE

MODEL NUMBER DESCRIPTION OF LIFTING DEVICE AND SERIAL NO. (IF ANY)	MINIMUM LIFTING HEIGHT	MAXIMUM LIFTING HEIGHT	MAXIMUM LOAD	PROOF LOAD APPLIED
	MM	MM	KG	KG
HYDRAULIC MOTORCYCLE LIFT MODEL NUMBER: MC401 SERIAL NUMBER:	180	760	400	500

COMPANY CONDUCTING TEST:

This test was commissioned by Jack Sealey Limited, Kempson Way, Suffolk Business Park, Bury St. Edmunds, Suffolk, 1P32 7AR and was undertaken by Changshu Tongrun M & E Co. Ltd., the manufacturer of the product in China and the holder of the construction file. This certificate is signed by the Chief Engineer for the manufacturer. We hereby certify that the motorcycle lift covered by this test certificate has been tested to 25% overload and the safety valve has been set at the rated working capacity. This product was manufactured in China and product liability insurance is in effect within the U.K. through the Axa Insurance Company (policy number available on request).

ENGINEER CONDUCTING TEST . . . . . .Chief Engineer
Changshu Tongrun M & E Co. Ltd.
China Manufacturer No:.....

DATE:.....

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ISSUE 4 - 20/10/09