# Instruction Manual

## Mini Lever Hoist



**Note:** The Owner/Operator must read carefully and understand all the information presented here before operation.

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THANK YOU FOR USING THISMINI LEVER HOIST. FOR YOUR SAFETY AND CORRECT OPERATION, PLEASE CAREFULLY READ THIS INSTRUCTION BEFORE USING IT.

**NOTE:** All of the information reported herein is based on data available at the moment of printing. The factory reserves the right to modify its own products at any moment without notice and incurring in any sanction. So it is suggested to always verify possible updates.

## 1. INSTRUCTIONS

### Safety Instructions

1) The equipment should only be operated and maintained by a competent person.
2) Do not exceed the rated capacity of the lever hoist.
3) Do not use the load chain as a sling.
4) Do not extend the operating lever.
5) Do not use undue effort to operate the lever hoist.
6) Do not leave suspended loads unattended.
7) Do not use for lifting people.
8) Ensure suspension and anchorage points are adequate for the full load being lifted.
9) Keep anybody out of the place under the loading.

## 2. IN SERVICE INSPECTION & MAINTENANCE

1) Ensure the lever hoist is inspected regularly by a competent person.
2) Keep the load chain lubricated and free from debris.
3) Cheek the operation of the brakes.
4) Before use check for the following defects: wear dama9e to hooks,

damage to chain i.e. distorted links.

5) Bent links, stretched links and corroded links.

**3. OPERATION**

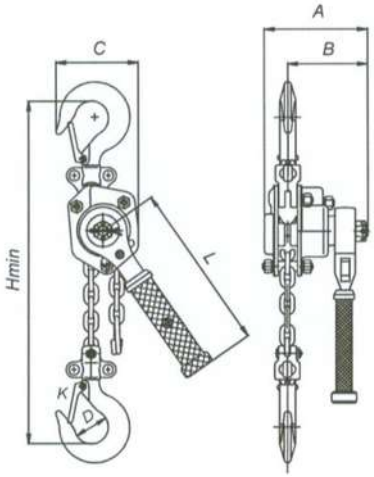
**3.1 Lifting:**

Select "up" position on selection switch, ratchet handle to lift load.

**3.2 Lowering:**

Select "DN "position on selection switch, ratchet handle to lower load.

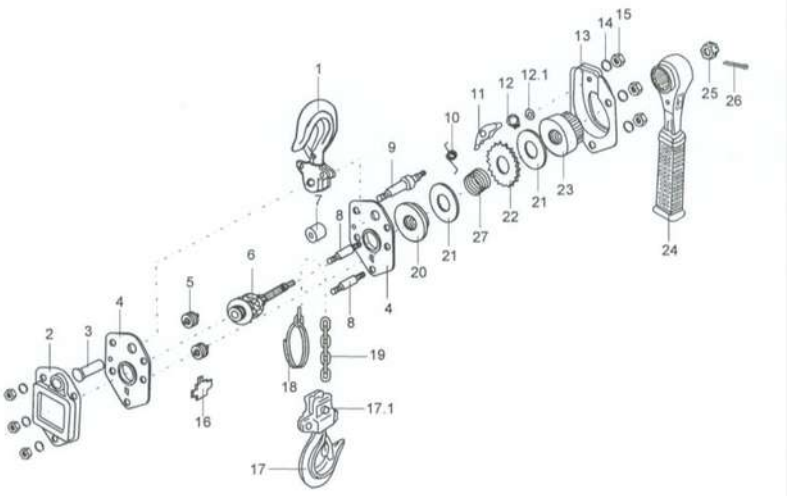
## 4. SPECIFICATIONS




| | | |
|---|---|---|
| Capacity | tons | 0.25 |
| Standard lift | m | 1 |
| Running test load | Kn | 3.20 |
| Effort required to lift max. Load | N | 250 |
| No. of columns of load chain | | 1 |

| | | | |
|---|---|---|---|
| Load chain diameter | | mm | 4 |
| Dimensions (mm) | A | | 92 |
| | B | | 72 |
| | C | | 85 |
| | D | | 30 |
| | H | | 230 |
| | L | | 160 |
| | K | | 25 |
| Net weight | | kg | 1.8 |
| Packing measurement | | cm | 23×8×11 |
| Extra weight per meter extra lift | | kg | 0.41 |

## 5. EXPLODED VIEW & PART LIST



| No. | Description | Qty | No. | Description | Qty |
|---|---|---|---|---|---|
| 1 | Top hook assembly | 1 | 14. | Spring washer | 6 |
| 1.1 | Safe clip assembly | | 15. | Nut | 6 |
| 2. | Cover | 1 | 16. | Chain stripper | 1 |
| 3. | Hook shaft | 1 | 17. | Bottom hook assembly | 1 |
| 4. | Guide plate | 2 | 17.1 | hook pin assembly | 1 |
| 5 | Guide roller | 2 | 18. | Chain ring | 1 |
| 6. | Load sheave shaft | 1 | 19. | Load chain | 1 |
| 7. | Spacer bush | 1 | 20. | Disk hub | 1 |
| 8. | Stay | 2 | 21. | Friction disk | 1 |
| 9. | Pawl pin shaft | 1 | 22. | Ratchet disk | 1 |
| 10. | Pawl spring | 1 | 23. | Disk nut | 1 |
| 11. | Pawl | 1 | 24. | Lever handle assembly | 1 |
| 12. | Washer space | 1 | 25. | Castle nut | 1 |
| 12.1 | Snap ring | 1 | 26. | Split pin | 1 |
| 13. | Ratchet disk cover | 1 | 27. | Free spring | 1 |