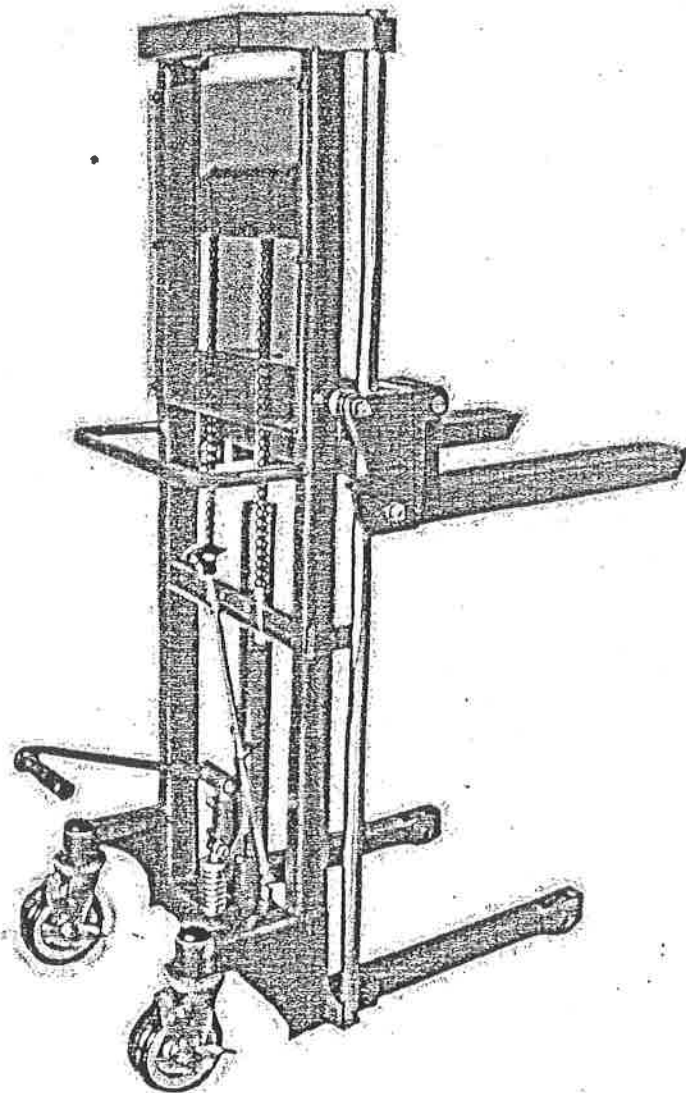


# **Instruction Manual**

## **Hand-hydraulic Stacker**



**Model: HYDRA-15**

**Note: Owner/Operator must read and understand this**

## HYDRA-15 HAND-HYDRAULIC STACKER

### 1. Brief Instruction

This Stacker is a multi-function transport and loading products, which designed on the base of HYD-5 and HYD-10. It is a convertible vehicle using for lifting and transporting in workshop, warehouse and wharf, etc, which can reduce labor intensity and improve the produce efficiency, and a good tool for safe loading.

### 2. Data Base

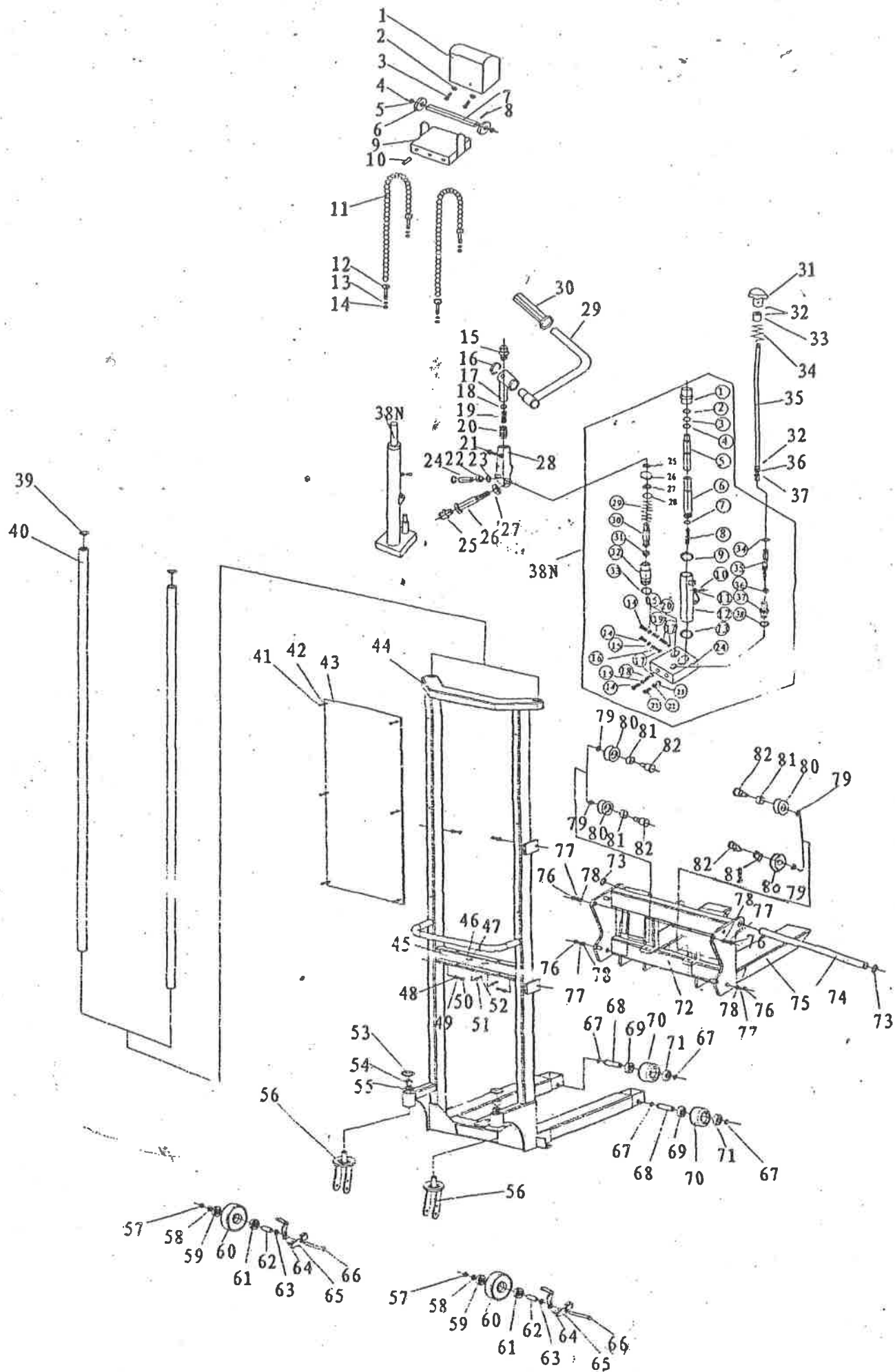
|               |                 |
|---------------|-----------------|
| Model         | HYDRA-15        |
| Rate Capacity | 800kg (1760lbs) |
| Lowest Height | 90mm            |
| Max. Height   | 1600mm          |
| Fork Length   | 800mm           |
| Fork Width    | 585mm           |
| Net Weight    | 180kg           |

### 3. Using

- 1) Please test the stacker before using. Step the foot pedal rod to lift the fork to the max position and check the discharge valve.
- 2) Please fix the stacker and brake the wheel before loading
- 3) Please load the goods in the rate capacity of the stacker
- 4) Turn the handwheel (knob) to lower down the fork, and keep the discharge valve open.

### 4. Warning!

- (1) Operate strictly according to the instruction manual.
- (2) Do not use the cart on slop.
- (3) Do not allow people to sit or ride on the cart.
- (4) Keep feet and hand away from under the lowering fork.
- (5) No permit to put the foot on the foot pedal of the wheel when the fork lowering down.
- (6) The goods much be put on the correct position.
- (7) Do not move the heavy goods when the fork or platform on the high position.
- (8) No permit loading excess its rate capacity.
- (9) Mistake using will bring out damage to the personal or property.



# HYDRA-15 HAND HYDRAULIC STACKER

| No. | Description        | Q'ty | No. | Description       | Q'ty | No.  | Description         | Q'ty |
|-----|--------------------|------|-----|-------------------|------|------|---------------------|------|
| 1   | Chain Wheel Cover  | 1    | 41  | Round Screw       | 6    | 81   | No Oil Bearing      | 4    |
| 2   | Spring Washer      | 4    | 42  | Rubber Washer     | 6    | 82   | Roller Guide Shaft  | 4    |
| 3   | Semicircle Screw   | 4    | 43  | Organic Glass     | 1    | (1)  | Top Nut             | 1    |
| 4   | Hex Cap Bolt       | 2    | 44  | Cart Holder       | 1    | (2)  | Dust Cover          | 1    |
| 5   | Flat Washer        | 2    | 45  | Nut               | 2    | (3)  | O-ring              | 1    |
| 6   | Chain Wheel        | 2    | 46  | Spring Washer     | 2    | (4)  | Oil Seal            | 1    |
| 7   | Chain Wheel Shaft  | 1    | 47  | Flat Washer       | 2    | (5)  | Lift Piston         | 1    |
| 8   | Spring Column Pin  | 1    | 48  | Flat Washer       | 4    | (6)  | Inner Cylinder Body | 1    |
| 9   | Chain Wheel Seat   | 1    | 49  | Spring Washer     | 4    | (7)  | Washer              | 1    |
| 10  | Set Bolt           | 1    | 50  | Hex Cap Bolt      | 4    | (8)  | Fliter              | 1    |
| 11  | Chain              | 2    | 51  | Flat Washer       | 2    | (9)  | Washer              | 1    |
| 12  | Chain Bolt         | 2    | 52  | Hex Cap Bolt      | 2    | (10) | Hex Cap Plug        | 1    |
| 13  | Flat Washer        | 2    | 53  | Dust Cover        | 2    | (11) | O-ring              | 1    |
| 14  | Set Nut            | 2    | 54  | Big Nut           | 2    | (12) | Outer Cylinder Body | 1    |
| 15  | Oil Mouth          | 1    | 55  | Big Spring Washer | 2    | (13) | Washer              | 1    |
| 16  | Lock Pin           | 1    | 56  | Wheel Holder      | 2    | (14) | Hex Cap Plug        | 1    |
| 17  | Joint Welden Block | 1    | 57  | Nut               | 2    | (15) | O-ring              | 1    |
| 18  | Steel Ball         | 1    | 58  | Separate Cover    | 2    | (16) | Spring              | 1    |
| 19  | Spring             | 1    | 59  | Bearing           | 2    | (17) | Steel Ball          | 1    |
| 20  | Hex Cap Bolt       | 1    | 60  | Big Wheel         | 2    | (18) | Spring              | 1    |
| 21  | Oil Mouth          | 1    | 61  | Bearing           | 2    | (19) | Spring              | 1    |
| 22  | Pressure Wheel     | 1    | 62  | Bearing Cover     | 2    | (20) | Column Plug         | 1    |
| 23  | C-ring             | 1    | 63  | Separate Cover    | 2    | (21) | Hex Cap Plug        | 1    |
| 24  | Shaft              | 1    | 64  | Brake Board       | 2    | (22) | O-ring              | 1    |
| 25  | Oil Mouth          | 1    | 65  | Brake Holder      | 2    | (23) | Lowering Valve      | 1    |
| 26  | Shaft              | 1    | 66  | Hex Cap Bolt      | 2    | (24) | Valve               | 1    |
| 27  | Nut                | 1    | 67  | C-ring            | 2    | (25) | C-ring              | 1    |
| 28  | Foot Pedal Holder  | 1    | 68  | Shaft             | 2    | (26) | Spring Seat         | 1    |
| 29  | Foot Pedal         | 1    | 69  | Bearing           | 2    | (27) | Dust Cover          | 1    |
| 30  | Foot Pedal Cover   | 1    | 70  | Small Wheel       | 2    | (28) | O-ring              | 1    |
| 31  | Hex Handwheel      | 1    | 71  | Bearing           | 2    | (29) | Big Spring          | 1    |
| 32  | Set Screw          | 2    | 72  | Move Block        | 1    | (30) | Small Lift Piston   | 1    |
| 33  | Spring Set Cover   | 1    | 73  | C-ring            | 2    | (31) | Oil Seal            | 1    |
| 34  | Turn Spring        | 1    | 74  | Long Shaft        | 1    | (32) | Pump Cylinder       | 1    |
| 35  | Straight Rod       | 1    | 75  | Fork              | 2    | (33) | O-ring              | 1    |
| 36  | Upper Joint Cover  | 1    | 76  | Nut               | 4    | (34) | O-ring              | 1    |
| 37  | Down Joint Cover   | 1    | 77  | Spring Washer     | 4    | (35) | Close Cover         | 1    |
| 38N | Cylinder           | 1    | 78  | Flat Washer       | 4    | (36) | Steel Ball          | 1    |
| 39  | Top Nut            | 2    | 79  | Separate Cover    | 4    | (37) | Close Cover         | 1    |
| 40  | Slide Post         | 2    | 80  | Roller Guide      | 4    | (38) | Nylon Washer        | 1    |