

Instruction Manual

Hydraulic Drum Truck



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

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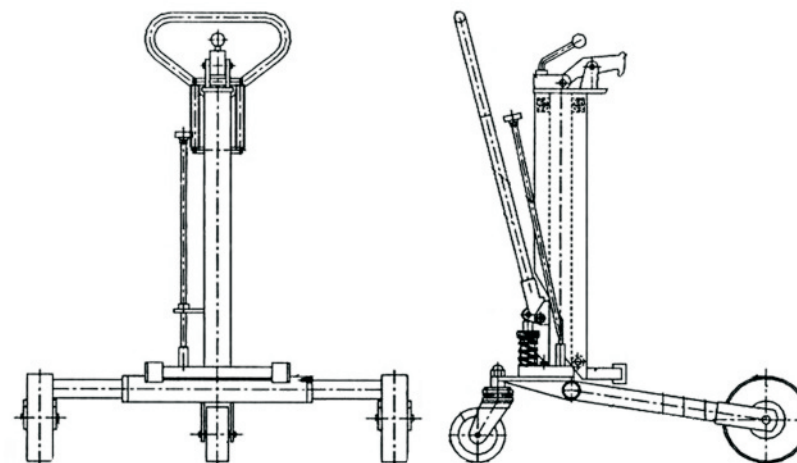
THANK YOU FOR USING THIS HYDRAULIC DRUM TRUCK.FOR YOU SAFRT AND CORRECT OPERATION,PLEASE CAPEFULLY READ THIS INSTRUCTION BEFORE UEING IT.

NOTE:All of the information reported herein is based on date 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 updatas.

This hydraulic drum truk is used to clamp the drum on the ground or stock for load and unload,transit,stack the drum.It is used widely to factory,depot and etc.

1. FIGURE AND PARAMETER

1.1Figur



1.2 Technical Parameter

Load Capacity (kg)	250
Bearing wheel size (mm)	Φ180
Bearing wheel size (mm)	Φ125
Vertical height (mm)	200
Leg width (mm)	630
Overall size (mm)	820*785*1050
Service weight (kg)	42

2. PART NAME

Clamp
Elevating Scaffold
Front Wheel
Frame
Swivel Wheel
Hook Buckle Assembly
Handle Assembly
Discharge Assembly

3. WARNING

- 3.1 Never use the drum truck when it has failure.
- 3.2 Never overload this truck beyond its rated capacity.
- 3.3 Place the drum on the low position when transit drum, do not need lift it higher.

4. INTALLATION AND OPERATION

4.1 INSTALLATION

Check out Elevating Scaffold, Frame, Wheel AND Handle

4.2 OPERATION

4.2.1 LIFT DRUM

Screw joystick clockwise, and then move the transporter so as to make the lifting frame contact with drum.

Repeatedly press the handle to pump up the lifting frame so that the upper edge of lifting frame. Please refer to the following figure.

Then push the bulbous knob connected to clamp to allow the clamp to grab the drum firmly and for the bulbous knob to lock the clamp.

Continue to pump up the lifting frame by handle and the drum will be lifted.

4.2.2 Transport drum

Push/pull the handle to move the transporter to the destination. (Of course, if necessary, operator can turn the handle to change the transporter's moving direction.)

For the sake of safety it is recommended to move the loaded transporter while the drum's position is as low as possible.

4.2.3 Put down drum

Slowly screw joystick counterclockwise and lower the drum till it stands on the floor.

Pull the bulbous knob back to unlock position so as to release the clamp.

Warning: It is forbidden to screw joystick anticlockwise rapidly in case of damage of the drum or the transporter.

5. MAINTENACE

- 1. Do routine check of chassis (Part No.12) and front rear wheels. Especially make sure that rear caster is firm.
- 2. Do routine check of packing.
- 3. It is feasible and recommended to change hydraulic oil while changing packing. It is suggested to use equivalent performance hydraulic oil. Use different hydraulic oil according to temperature scale below.

Temperature	Hydraulic Oil
-5℃~+45℃	L-HM68 Hydraulic oil (equivalent to ISO VG68)
-15℃~-5℃	L-HM46 Hydraulic oil (equivalent to ISO VG46)

- 4. Do routine check of the clamp's tooth. Replace it if tooth wears out seriously.
- 5. Do routine check of all the connecting parts such as pins and fasteners.

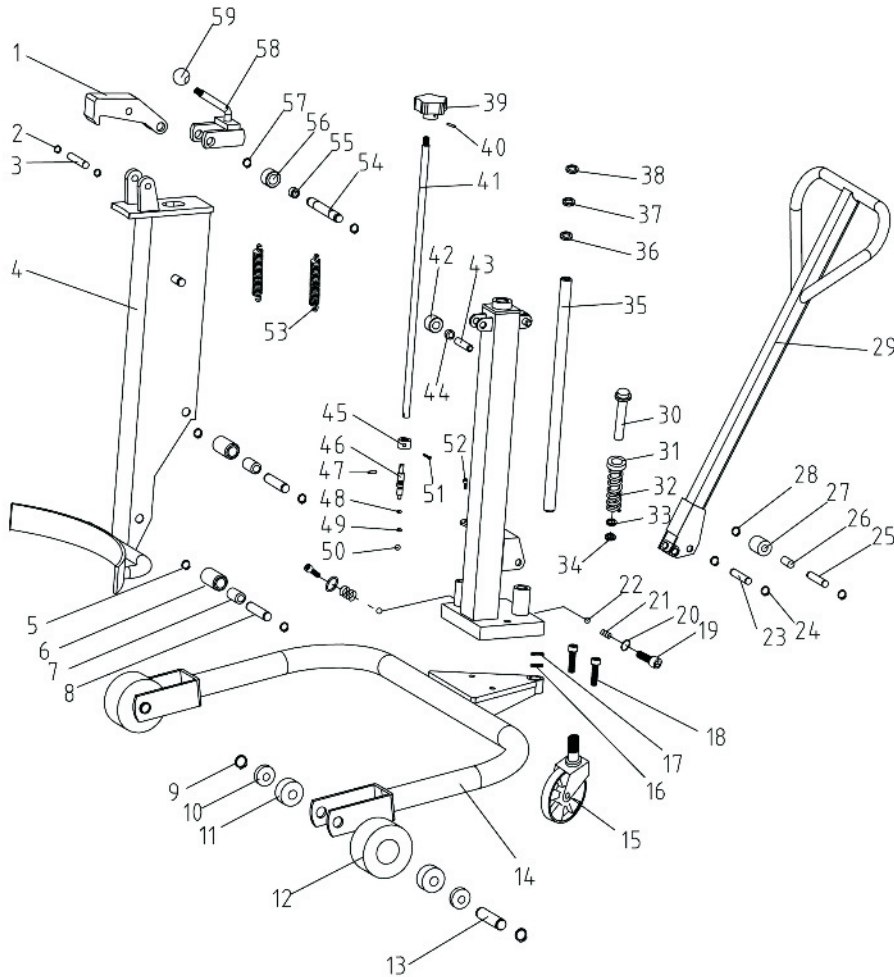
6. HYDRAULIC CIRCUIT DIAGRAM

NO.	Description
1	Hydraulic Cylinder
2	Swivel Discharge Valve
3	Relief Valve
4	Work Valve
5	Work Cylinder

7. EXPLODED VIEW & PART LIST

Part List

Exploded View



NO.	Description	Qty	NO.	Description	Qty	NO.	Description	Qty
1	Clamp	1	21	Inside Hexagonal Bolt	2	41	Discharge Lever	1
2	Washer	2	22	Washer	2	42	Cylinder Roller	2
3	Hook Shaft	1	23	Spring	2	43	Shaft	2
4	Elevating Scaffold	1	24	Steel Ball	2	44	Composite Bushing	2
5	Washer	4	25	Shaft	1	45	Located Ring	1
6	Idler Wheel	2	26	Washer	2	46	Oil Drainage Nut	1
7	Composite Bushing	4	27	Roller Shaft	1	47	Spring Pin	1
8	Shaft	2	28	Composite Bushing	1	48	Bonded Washer	1
9	Washer	4	29	Handle Assembly	1	49	O-Ring	2
10	Washer	4	30	Plunger	1	50	Steel Ball	1
11	Bearing	4	31	Spring Cap	1	51	Inside Hexagonal Bolt	1
12	Front Wheel	2	32	Spring	1	52	Inside Hexagonal Bolt	1
13	Shaft	2	33	Dust Ring	1	53	Spring	2
14	Frame	1	34	Y-Ring	1	54	Hook Buckle Shaft	1
15	Swivel Wheel	1	35	Piston Rod	1	55	Composite Bushing	1
16	SpringWasher	1	36	Y-Ring	1	56	Hook Roller	1
17	Covering Nut	1	37	O-Ring	1	57	Washer	2
18	Inside Hexagonal Bolt	2	38	Dust Ring	1	58	Hook Buckle Assembly	1
19	Roller	1	39	Rubber Coating Rotary Knob	1	59	Plastic Ball	1
20	Washer	2	40	Spring Pin	1			