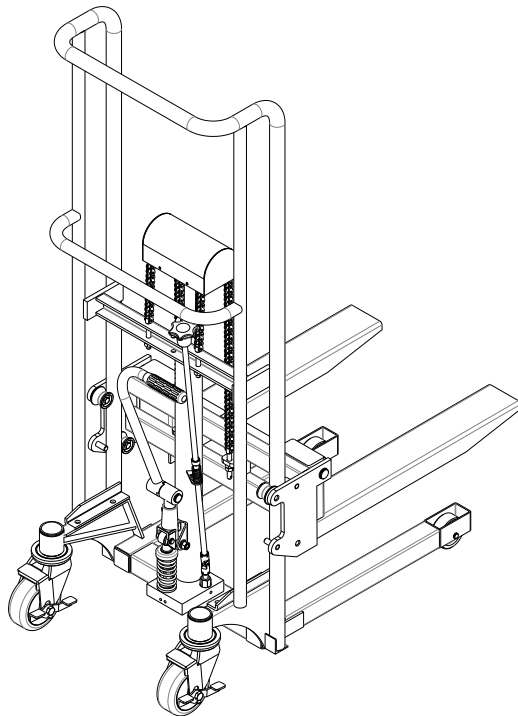


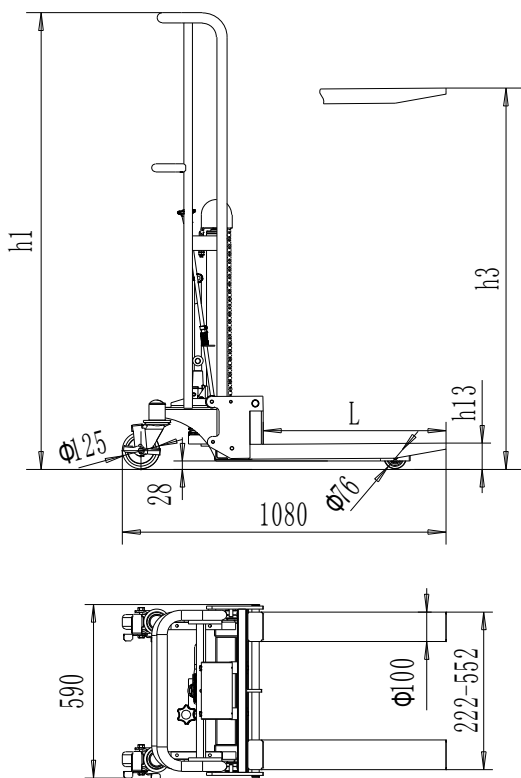
# Manual Hydraulic Stacker

- Operations manual
- Spare parts catalogue



2016.6

## I .Main technical parameters:



<b>Model</b>		<b>PS series</b>
<b>Capacity</b>	<b>400</b>	<b>kg</b>
<b>Min. height</b>	<b>h13</b>	<b>90 mm</b>
<b>Max. height</b>	<b>h3</b>	<b>850/1100/1300/1500/1700 mm</b>
<b>Fork width</b>		<b>222-550 mm</b>
<b>Fork length</b>	<b>L</b>	<b>610 mm</b>

## **II. Scope of application :**

SDDJ series manual hydraulic stacker is a kind of high-lift transportation tool which is applicable for short-distance transportation as well as goods lifting and lowering. Besides, it can also be used as goods stacking.

## **III. Operation condition:**

1. Lift table should be operated on solid and flat ground;
2. Operation temperature: -20-40C°.

## **IV. Notes(warning):**

1. Read the instruction carefully before operation and get to know the performance and operation requirements of the lift table. And the hydraulic lift table can't be used unless it is authorized.
2. Do not overload the manual hydraulic stacker and operate it within the rated load. Overloading will cause damage to the manual hydraulic stacker and human body.
3. It is forbidden for operators to stand or sit on the fork to work.
4. Don't put the hands or feet under the lowering fork.
5. Please brake the truck when loading goods to prevent it from moving.
6. Off-set loading is forbidden when loading goods, and the goods should be distributed uniformly on the whole fork.
7. Loose or unstable goods are not permitted to be loaded.
8. Don't put goods on working fork for a long time.
9. The truck can't be moved when goods are being lifted.
10. The truck can only be moved on flat and hard ground, it is forbidden to be used on sloping ground or rugged ground;
11. When putting goods on fork which has been hoisted, the weight of goods should be within rated load, and the goods should be loaded lightly. (Safety valve only works in hoisting process, if the truck has been hoisted, and then put overweight goods on it, the safety valve can't work. In this way, the truck may be damaged.)
12. Please operate strictly according to "notes (warning)", otherwise it

will bring damage to truck and human body.

## **V. Operation methods:**

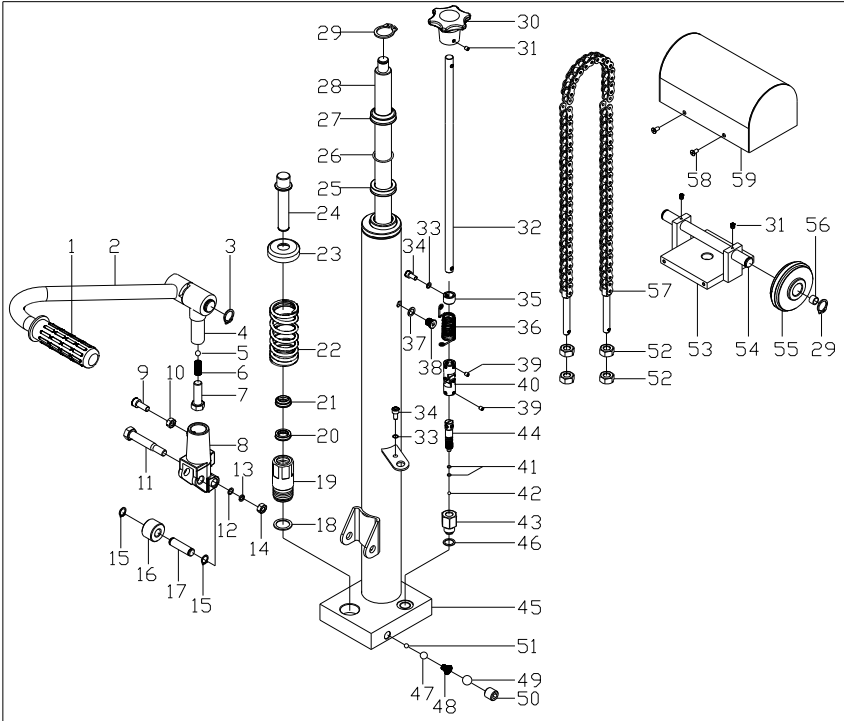
1. Please step on the foot lever for several times to raise the working fork.
2. Please turn the knob slowly, then the working fork descend slowly.
3. Please make the brake open before moving the truck.

## **VI. Maintenance and upkeep:**

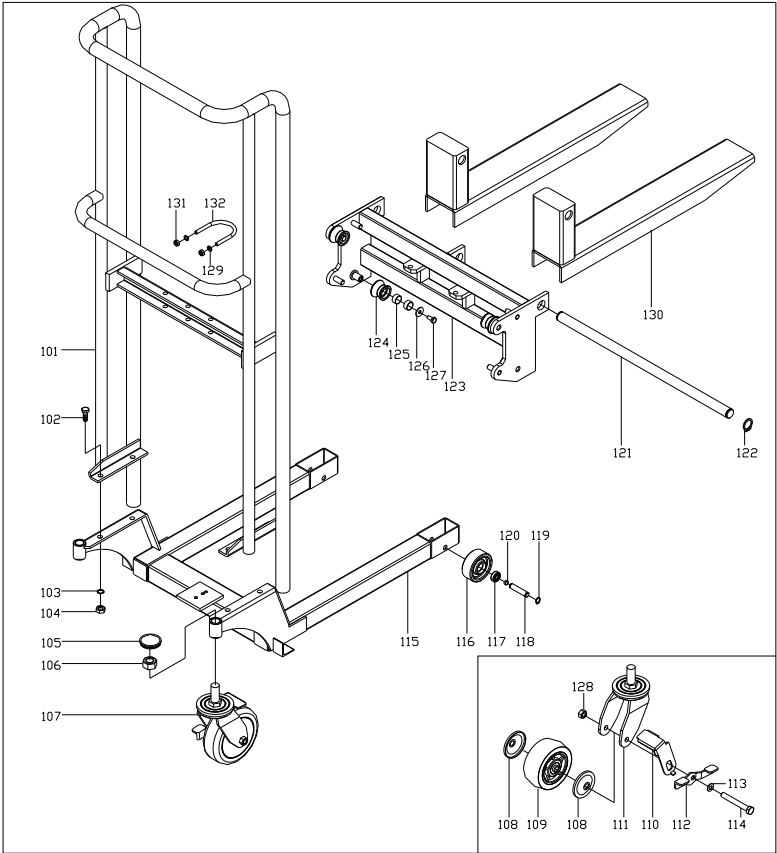
It is very important to conduct necessary maintenance and upkeep so as to prolong the service life and safety of the stacker. Please check the manual hydraulic stacker before operation according to the following items:

1. Whether there is any distortion and bending of various positions of the manual hydraulic stacker.
2. Please check the brake of the truck and the wearing condition of the wheels.
3. Check oil leakage in the hydraulic system.
4. Please add or fill lubricant to each friction surface before daily operation.
5. If there is any failure, the manual hydraulic stacker should be repaired at once, then it can be put into use again.
6. Change the hydraulic oil every twelve months, choose the following or close brand hydraulic oil according to the climate conditions of different areas:
  - a) YBN32 is adaptive under the environment temperature of  $-10\sim+40^{\circ}\text{C}$ ;
  - b) YCN32 is adaptive under the environment temperature of  $-20\sim+40^{\circ}\text{C}$ .

# IX. Spare parts catalogue



No.	Name	Qty.	No.	Name	Qty.
1	Rubber	1	31	Bolt M5X10	3
2	Foot lever	1	32	Rod	1
3	Retaining ring for axle 20	1	33	Washer 6	2
4	Base of foot lever	1	34	Bolt M6X12	2
5	Ball 9	1	35	Tube	1
6	Spring	1	36	Spring	1
7	Screw	1	37	Combined sealing washer	1
8	Press frame	1	38	Screw for sealing M10X1	1
9	Bolt	1	39	Bolt M5X5	2
10	Nut M8	1	40	Universal joint	1
11	Screw	1	41	O-ring 1.9X8	2
12	Washer 10	1	42	Ball 6.35	1
13	Spring washer 10	1	43	Base of valve	1
14	Nut M10	1	44	Rod of valve	1
15	Retaining ring for axle 12	2	45	Cylinder	1
16	Press wheel	1	46	Combined sealing washer	1
17	Axle for press wheel	1	47	Ball 9.525	1
18	Washer	1	48	Spring	1
19	Pump cylinder	1	49	Ball 12	1
20	Sealing 14	1	50	Bolt M16X16	1
21	Dust-ring 14	1	51	Bolt 6.35	1
22	Big Spring	1	52	Nut M10	4
23	Cap of big spring	1	53	Base of chain wheel	1
24	Pump core	1	54	Shaft of chain wheel	1
25	Sealing 25	1	55	Chain wheel	2
26	O-ring 3.55X25	1	56	Bush	4
27	Dust ring 25	1	57	Chain	2
28	Piston rod	1	58	Bolt M5X10	4
29	Retaining ring for axle 16	3	59	Cover of chain wheel	1
30	Pilot wheel	1			



No.	Name	Qty.	No.	Name	Qty.
101	Gantry	1	119	Retaining ring for axle 12	4
102	ScrewM10X25	4	120	Washer	4
103	Washer10	4	121	Long shaft	1
104	Nut M10	4	122	Retaining ring for axle 24	2
105	Cover	2	123	Lifting frame	1
106	Nut M20	2	124	Pulley	4
107	Universal wheel	2	125	Bush1611	8
108	Cover for wheel	4	126	Washer 8	4
109	Wheel	2	127	Bolt M8X16	4
110	Break pad	2	128	Nut M12	2
111	Universal wheel frame	2	129	Washer 8	2
112	Break lever	2	130	Fork	2
113	Washer12	2	131	Nut M8	2
114	Screw	2	132	U screw	1
115	Frame	1			
116	Wheel	2			
117	Bearing 6201	4			
118	Shaft	2			