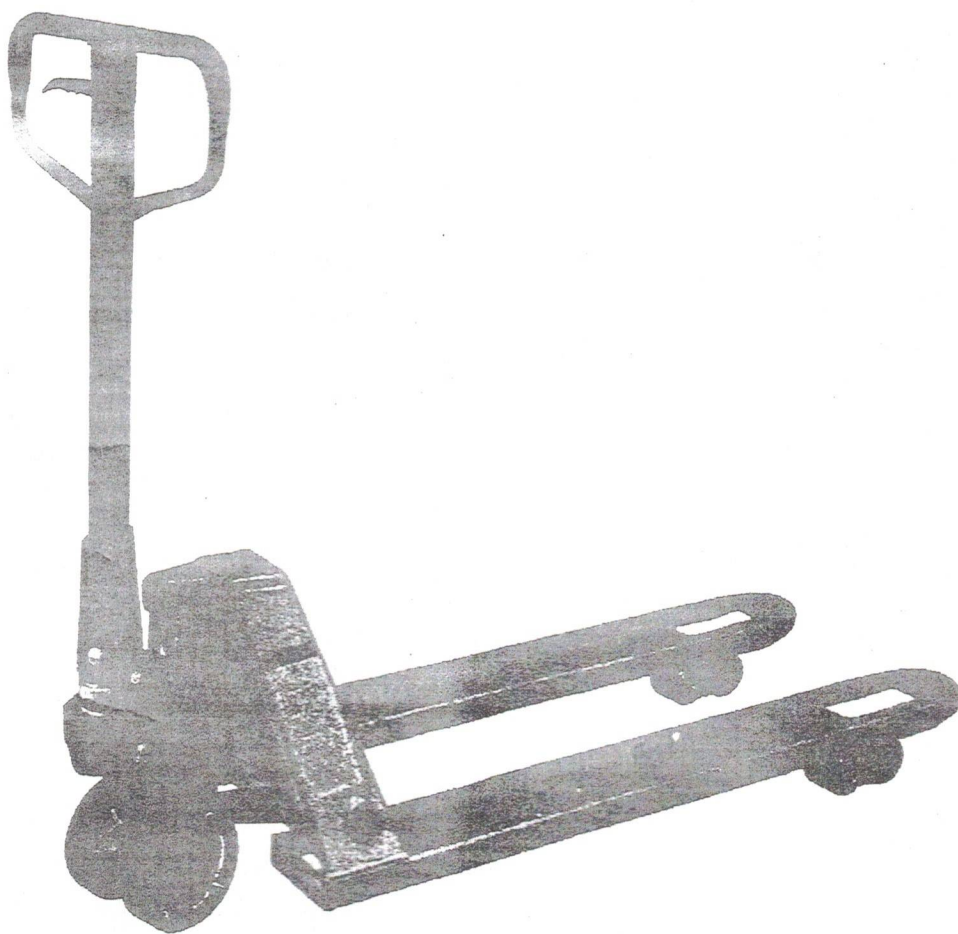


CBY.AC Hand Pallet Truck

INSTRUCTION



1.Applications

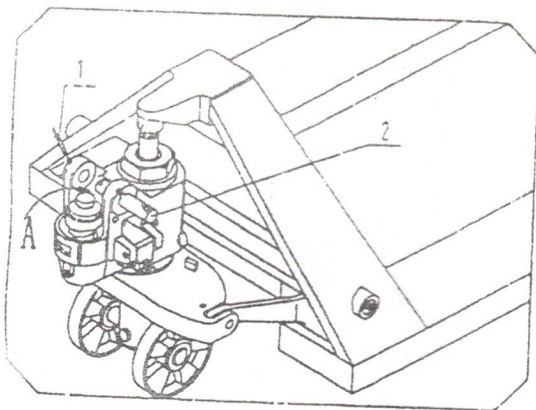
CBYAC Hand pallet truck is a low-lifting apparatus only used to carry palletized goods. Also named as pallet truck, it features as stable lifting and lowering, easy operation, safety and reliability, etc., and is suitable for use on hard flat ground.

2.Main parameters

Capacity	(kg)	2000/2500/3000
Total lift height	(mm)	195/185
Lowered fork height	(mm)	85/75
Height of handleless	(mm)	435/425
Fork length	(mm)	1100/1220
Width over the forks	(mm)	550/680
Steering wheel	(mm)	180
Fork wheel	(mm)	$\phi 80/\phi 74$
Truck weight	(kg)	75~102

3.Assembling

3.1 See Fig.1. Spring Pin(1) is disassembled from Axle Pin(2) before pulling out



Axle Pin(2) Fig1

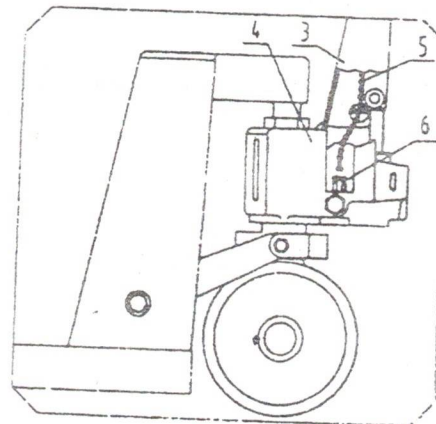


Fig2

3.2 Insert Handle tube (3) at Position A and connect Handle tube (3) with Pump Body (4) by Axle pin(2) which shall not longitudinally be put to the very end so as to leave space for free turn.

3.3 Turn Axle Pin(2) to make vertical the axis of the big pore in Axle Pin. Cross Roller Chain(5) of Handle through the pore in Axle Pin(2) See Fig2.

- 3.4 Put screw and Nut at the end of Roller Chain(5) into the slot of Lever Pad (6) See Fig 2 and 5.
- 3.5 Restore Axle Pin(2) to its original place and push longitudinally to the end, then insert Spring pin(1) into Axle Pin(2) to reset.
- 3.6 See Fig.3 Raise Handle to a horizontal position. Pull out Pin(7) and keep it well for future replacement of the handle tube.
- 3.7 Try shaking Handle and operate Trigger (8) at different gears to see whether the truck works well at raising, neutral gear and lowering. See Fig.4.
- 3.8 Screw(9) in Fig.5 is used for the modification of the truck. In the event that the truck body lowers shortly after rising, turn Screw(9) a little in counterclockwise before trying the truck again. In the event that the truck body is unable to lower, normal lowering. Hexnut (10) at Screw(9) functions as a lock, so it shall be fastened before modification and locked after modification.

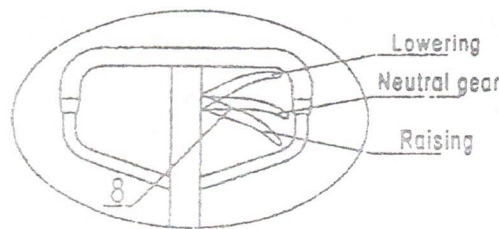


Fig. 4

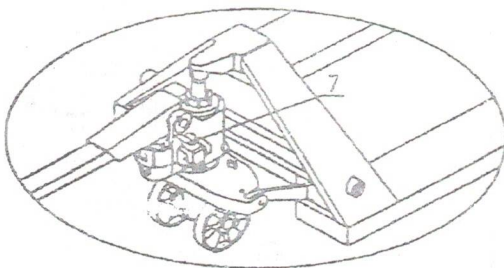


Fig. 3

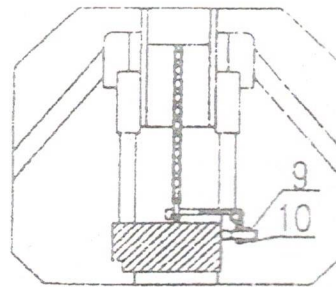


Fig. 5

4. Operation guidance

- 4.1 When Trigger(8) is at the bottom gear, the forks are ready for Lifting. Shake the Handle, and the fork will rise rapidly.
- 4.2 When Trigger (8) is at the middle gear, the truck is ready for moving. Shake the Handle, and the forks will not rise or lower.
- 4.3 When Trigger (8) is at the top gear, the truck is ready for Lowering, and meanwhile the truck shall lower automatically.

5. Examination before using

Air may be absorbed into hydraulic system when the truck is not used for a long time. The air can be removed in the following ways.

Put the Trigger at the lowering position. Fully shake the Handle for 4-6 times and then release the Trigger. If needed, the above operation can be done for several times until normal working.

6. The loading style and rated capacity

The ideal style demands that the gravity center of the cargo position in the center of the forks. In the event of unbalanced loading, the rated capacity shall be reduced. The rated capacity is shown as the labels.

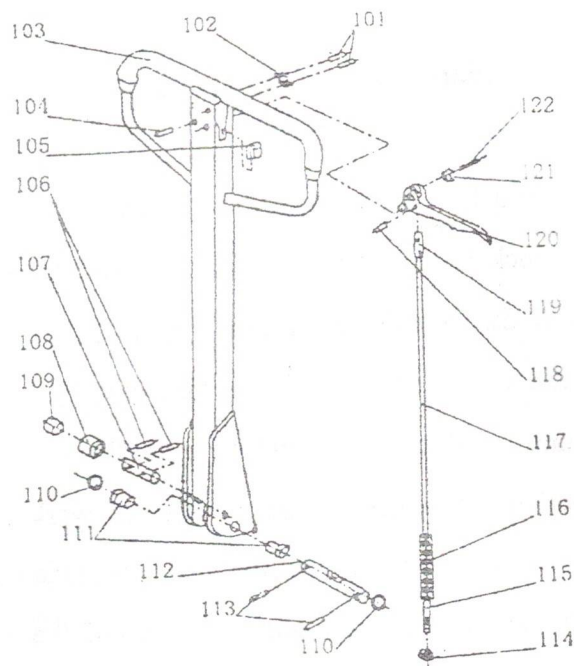
7. Oil

The hydraulic oil needed by the oil pump is about 250ml (or 0.25kg). The ISO Oil Quality Standard shall be complied with under which 32# oil be used at $-5\sim 40^{\circ}\text{C}$ and low-temperature working oil at an ambient temperature of $-35\sim -5^{\circ}\text{C}$.

8. Maintenance

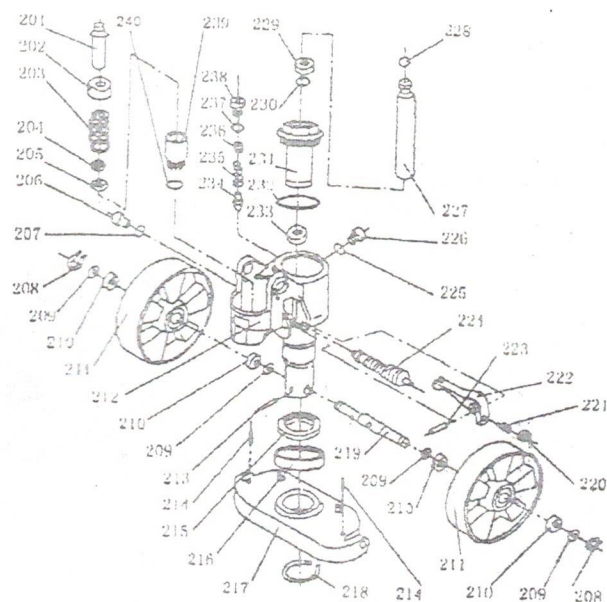
Everyday routine examination is necessary for solving the abnormal operations at sight. Do not use the troubled truck for the sake of prolonging its work life. Every turning joint must be lubricated by motor oil every three months, and see to that the wheels and axles are not intangled by threads or other materials. All the wheels shall run smoothly.

一、Handle part



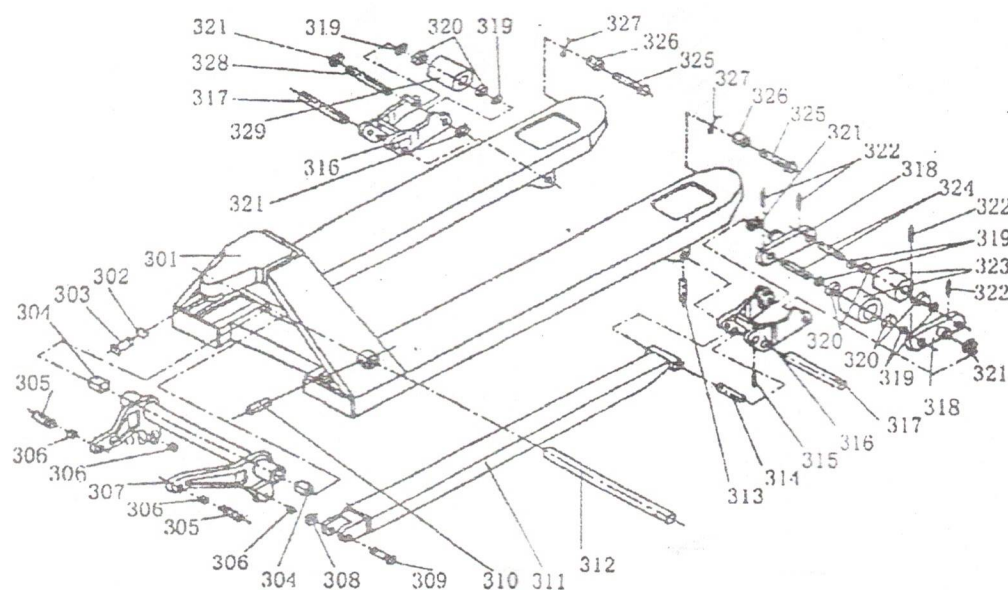
NO	DESCRIPTION	QUANTITY	NO	DESCRIPTION	QUANTITY
101	Spring pin $\phi 4 \times 30$	2	113	Spring pin $\phi 5 \times 40$	2
102	Shell fragment	1	114	Adjusting Nut M5	1
103	Handle welding	1	115	Adjusting Bolt	1
104	Spring pin $\phi 6 \times 30$	1	116	chain	1
105	Handle Spacer	1	117	pull poce	1
106	Spring pin $\phi 4 \times 20$	2	118	spring pin $\phi 4 \times 14$	1
107	roll wheel shaft	1	119	pull Board	1
108	roll wheel	1	120	Control Handle	1
109	Bushing	1	121	roll whell	1
110	Spacer	2	122	Spring pin $\phi 4 \times 20$	1
111	Bushing	2			
112	Shaft	1			

二、Hydranlic Part



NO	DESCRIPTION	QUANTITY	NO	DESCRIPTION	QUANTITY
201	Pump Piston Rod	1	221	Bolt M8×20	1
202	Washer	1	222	lever plate	1
203	Spring	1	223	spring pin $\phi 8 \times 50$	1
204	Dust Ring d18	1	224	valve	1
205	Sealing d18	1	225	copper washer	1
206	Screw I	1	226	Bolt M8×10	1
207	Screw "O" Ring $\phi 26 \times 24$	1	227	poston Rod d35	1
208	Spring retaining ring for axle 20	2	228	steel Ball $\phi 19$	1
209	Bearing ring	4	229	Poston Rod post Ring d35	1
210	bearing 204	4	230	"O" ring 34.5×3.55	1
211	big wheel $\phi 180 \times 56$	2	231	cylinder cap	1
212	pump	1	232	"O" ring $\phi 65 \times 3.55$	1
213	Spring pin $\phi 8 \times 45$	1	233	Poston Rod sealing d35	1
214	Spring pin $\phi 5 \times 30$	2	234	sprindle of Damping valve	1
215	bearing 8111	1	235	spring of sprindle of valve	1
216	bearing ring	1	236	screw	1
217	Supporting Base	1	237	"O" ring $\phi 16 \times 2.4$	1
218	Spring retaining ring for axle 52	1	238	plug	1
219	big wheel shaft	1	239	Base of pump	1
220	NUT M8	1	240	copper ring	1

三、Truck's frame part



NO	DESCRIPTION	QUANTITY	NO	DESCRIPTION	QUANTITY
301	Truck's frame	1	316	Frame of front wheel	2
302	Spring board 8	1	317	Shaft of front wheel	2
303	Bolt M8×12	1	318	Frame of Double wheel	4
304	Bushing	2	319	spacer of front wheel	8/4
305	Pin	2	320	Bearing 204	8/4
306	Bushing	4	321	Spring retaining ring for axle 20	4
307	Rocker arm	1	322	Spring pin 4×35	8
308	Spring retaining ring for axle 16	2	323	Double front wheel $\phi 70/\phi 80$	4
309	Pin	2	324	Double front wheel shaft	4
310	Spring pin $\phi 5 \times 40$	1	325	roll wheel axle $\phi 50 \times 28$	2
311	Straight Tappet	2	326	roll wheel	2
312	Long shaft	1	327	Pin 3×30	2
313	Spring pin $\phi 4 \times 28$	2	328	single front wheel shaft	2
314	Shaft	2	329	single front wheel	2
315	Spring pin $\phi 4 \times 24$	2			