Instruction Manual

HIGH LIFT PALLET TRUCK



Note: Owner/Operator must read and understand this instruction manual before using the high lift pallet truck.

RevC:09/2021

Specifications

Model	CS1000	CS1001	CS1500	CS1501
Rated lifting capacity	1000Kgs		1500Kgs	
Max.Fork height	800mm			
	800mm			
Min.Fork height	85±2mm			
	85±2mm			
Fork length	1190mm		1150mm	
Fork width(outside)	680mm	520mm	680mm	520mm
Fork width(inside)	360mm	200mm	360mm	200mm
Lifting speed	9mm/stroke			
Descending speed	＜0.1mm/second			
N.W.	105Kg	100Kg	112 Kg	106Kg

Safety Instructions

1.The truck shall be used in accordance with instructions handbook.
2.Don’t put the hand &foot under the fork at any time.
3.Don’t work on the slope surface.
4.Any manipulation of the pressure relief valve is strictly prohibited. All assembling, adjusting and maintenance shall only be done by industrial mechanics trained people.These people must be familiar with all safety regulations of European and national where the item is in use relating to the operation and maintenance of pedestrian controlled industrial trucks.
5.Load should be put on the fork center.Side-load is strictly prohibited.
6.The truck shall not be used to transport persons.
7.It is recommended to the drive to wear security shoes.
8.No modifications shall be carried out which adversely affect the compliance of zhe truck with prEN 1757-4.

Installation & Adjustment

1.Screw(part No.106)

·To prevent oil-leaking from oil tank during transportation,Air Screw (part No.106A) is replaced with Oil-sealing Screw in the factory.But it has to be replaced back when

you put this truck in use.

·How to change:Screw out Oil-sealing Screw,then screw in Air Screw With which the Pump housing (part No.126) is hung,thus keep oil tank always connecting with atmosphere.

2.Handle

·During transportation,the handle is disassembled from the truck and packed separately. It has to be assembled back and adjusted properly and carefully before use.

A Handle installation:

1.Take down Screw (37) and Pin(38) accordingly

2.Insert Handle (39) into the handle seat of the Cylinder unit (4). Put in Pin (38). Screw in tightly with Screw (37). Put Adjusting Screw (213) (at the lower end of the Chain) into the slot of the Swing Rod (133).

3.Push down the Handle (39), making the Pump Piston (148) downward meantime, to take away Block (156). Thus Handle (39) would be able to return to its upright position. Keep Pulling Handle (209) in the middle position(2). Operate the he Handle (39) up and down freely without any feeling of the blocking.

4.Put the Pulling Handle (209) at the low position (1), operate Handle (39), the fork should be able to lift to its highest position;at the position (3),the fork should be able to lower to its bottom position steadily; Release Pulling Handle (209) at the position (2), the fork should stop on any position, no descending.

5. Repeat the above said procedures for 2 or 3 times to see if there is any abnormality and to drive air away from hydraulic system. The machine is ready for use.

B Handle adjustment:

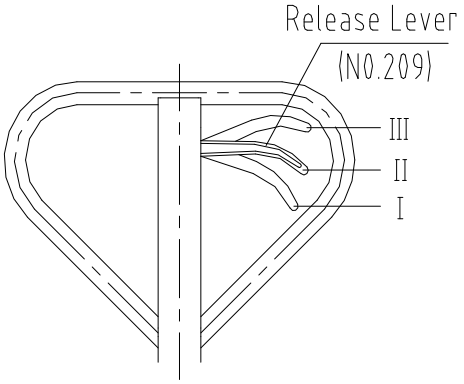
·There are 3 different positions with different functions for the Release Lever (part No.209).

See picture 1

Position I: Ascending for fork.

Position II: neutral.

Position III: Descending the fork.

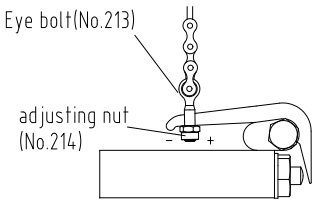


picture 1

·Test different functions by putting the Release Lever in 3 different positions respectively.

If it does not function properly,then adjusting Lock Nut (No.214) by following process. See picture 2

Problems	Turing direction of Lock Nut
Fork not lifted up	- (counter-clockwise)
Fork not lowering down	+ (clockwise)
On position II, not neutral	- And +

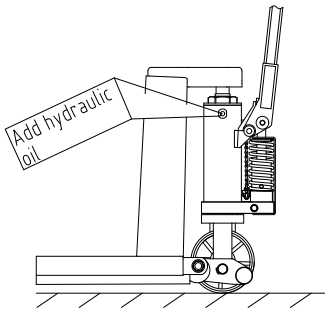


picture 2

·when to add oil

See picture 3

If the fork can't be pumped up to its rated hightest position, you may have to add hydraulic oil into the oil tank. The hydraulic fluid to be used must have a quality of ISO VG22 or equivalence.Mixing of different fluids is prohibited!Then drive air away from hydraulic system.



picture 3

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TROUBLE SHOOTING GUIDE

Items	Symptom	Possible cause	Aliments
1	Fork can not be pumped up	1.Low oil level in oil tank. 2.Exist air in the hydraulic System. 3.Adjusting nut is not adjusted properly.	1.Add proper hydraulic oil. 2.Fast operating the handle for several times. Bleed the system. 3.Adjust adjusting nut. (see picture 2)
2	Fork can't be released down	1.Fork blocked. 2.Adjusting nut not adjusted properly.	1.Check and remove the block. 2.Adjust adjusting nut properly.(see picture 2)
3	Fork can't be pumped up to Rated highest position.	Oil is not enough.	Add hydraulic oil. (see picture 3)