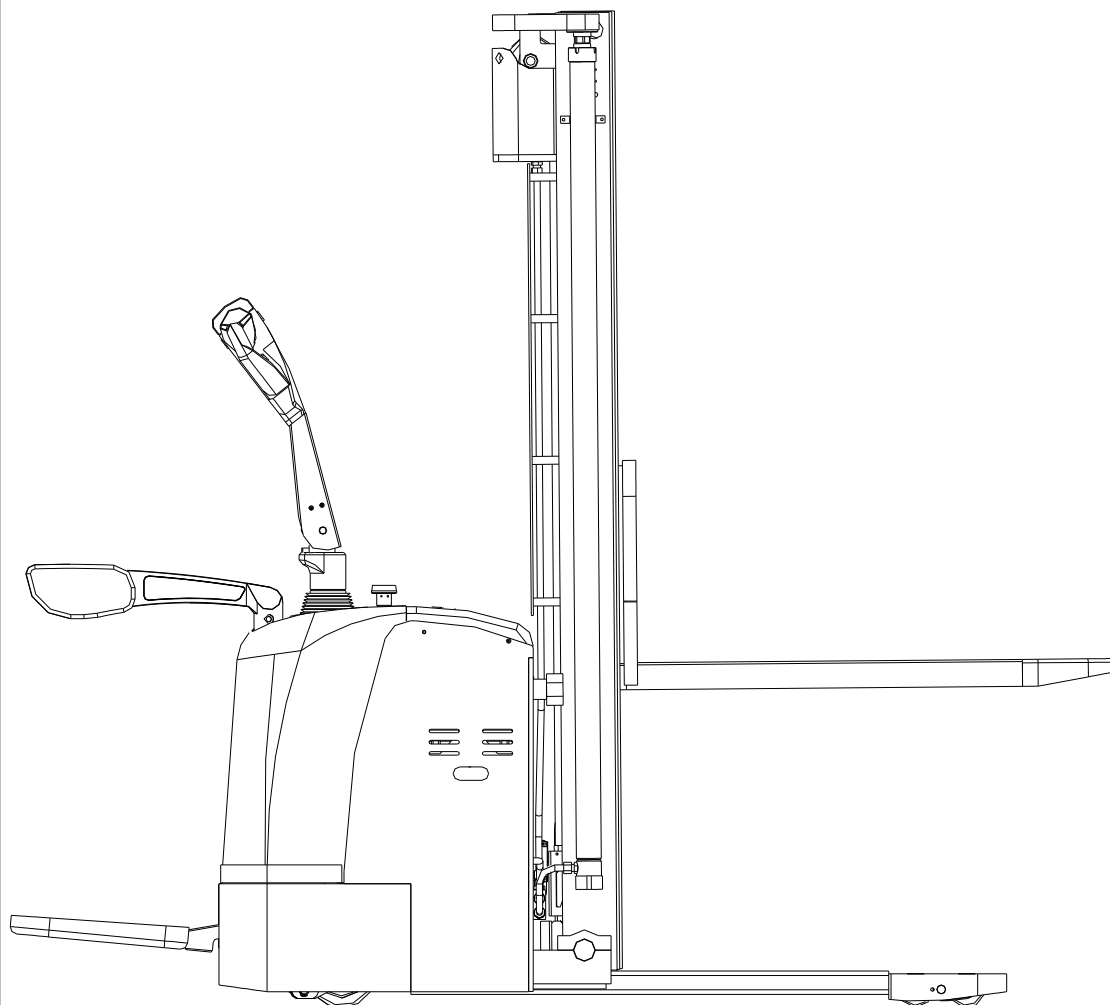


A7R3, A7R7

1.5t Electric Platform Truck

● Operation Manual



550215647(R0)

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3. 2 Safety Operation Specification:

(1) Check the safety condition around the truck:



Notice

Never start the truck if there is someone positioned between the truck and a fixed structure.



Notice

If however the truck has to travel in reverse and the driver consequently has poor visibility, it is recommended that it is assisted by specialized and authorized personnel



Notice

Ensure no people around the truck when driving backwards.



Notice

Driving through the narrow access shall be assisted by specialized and authorized personnel.



Notice

Slow down at crossroads, pedestrian crossings, on ramps and gangways and on wet or slippery surfaces



Notice

Keep concentration when operating truck.



Caution

The driving mechanism of truck is installed on the foreside. Due to this difference from common vehicles, the foreside of truck swings comparatively fast when turning around. For this reason, to prevent collision with other objects nearby the foreside of truck, do drive or turn slowly.

(2) Strictly forbid harsh driving



Notice

Never start up, brake or turn abruptly.

Abrupt start-up or braking may cause the falling of goods.

7. Inspection before operation:

For the sake of safety operation and good situation of the electric truck, it is compulsory to check the truck completely before operation. Contact the sales department of our company when founding problems.

7. 1 Check point and check content:

	No.	Check point	Check content
Braking system	1	Operation handle	When the operation handle is turned, with the handle switching between area A and B, there is a noise from the brake.
	2	Brake clearance	The clearance between brakes should be kept between 0.2mm and 0.8mm.
Steering system	3	Operation handle	Degree of tightness and rotary flexibility.
	4	Oil pipe	Leakage or not.
	5	Hydraulic oil	Appropriate oil quantity.
	6	Lifting oil cylinder	Whether there is any oil leakage.
Wheels	7	Pins, screws and all the fasteners	Check all the fasteners of the truck's wheels, i.e. pins or screws, loose or not.
	8	Wearing status	Compare the parameter lists, replace the wheel when its diameter reduces by 5%.
Storage battery	9	Charge	Confirm the display state of the battery capacity.
	10	Electrolyte	The solution level and density of electrolyte.
	11	Connecting line	The connecting line and socket shall be firm.
Horn	12	Horn	Press down the horn button to check whether the horn sounds.
Instrument	13	Function	Turn on the switch of electric lock to check whether the instrument displays normally or not.
Others	14	Truck frame, etc.	Damaged or not. If there is any crack.
	15	Function	Check that whether lifting, lowering, forward & backward movement and emergency reverse of the truck is normal, and if there is any abnormal noise.

8. Inspection after operation:

After operation, the smudge on truck shall be wiped out. Besides, the following check shall be carried out:

Keep visibility of all graphics context marks such as warning signs, nameplates and notice board.

These marks are able to instruct, caution and warn the operator to some degree.

The situation about deformation, distortion, damage or breakage

Add lubricating oil and grease if necessary.

Replace faulty components.

	Pre-charge	Pre-charge fault	1 Controller defective. 2 Low battery voltage.
3, 3	Brake Fault	Electromagnetic brake fault.	1 Brake coil shorted or open. 2 Brake driver fault.
4, 1	Service Total Disable	Total KSI timer has expired.	Expired total KSI timer.
	Service Driver Disable	Total driving timer has expired.	Total driving timer has expired.
	Service Total Expired	Set (KSI) service timer has expired.	Set (KSI) service timer has expired.
	Service Driver Expired	Set (driver) service timer has expired.	Set (driver) service timer has expired.
4, 2	Battery Over voltage	Battery voltage is too high.	Battery voltage is too high.
	Battery Under voltage	Battery voltage is too low.	1 Battery voltage is too low. 2 Corroded battery terminal. 3 Storage battery is damaged.
4, 3	Temperature Cutback	Controller heatsink is too hot or too cold.	1 The power of controller is small. 2 Excessive load on vehicle for a long time. 3 Abstraction of heat is bad.
4, 4	Anti Tie down	Mode switch is closed at startup.	1 Mode switch is adhesive. 2 Switch is in M2 position.
5, 1	Hardware Failure	Hardware failure	Controller defective.
5, 2	Software Failure	Software failure	Controller defective.
5, 3	Parameters Corrupt	Parameters corrupt.	Controller defective.

2、1232/1234/36/38 programmer Troubleshooting menu and LED troubleshooting table of status display.

On the controller housing, there has two luminous, red and yellow LED lights, flashing different situations represent different fault conditions, see the table below:

Display case	Representatives meaning
Two lights are not bright	The controller has no power, no electricity because the battery or line failure
Yellow light flashes	Controllers work
Yellow and red lights are lit	Controller software is being updated
Yellow and red lights are flashing	The controller is faulty

Code	Fault Display	Possible Cause
1, 2	Controller Overcurrent Controller overcurrent (main contactor, electromagnetic brake, the motor does not work)	1. Motor connections U, V or W-phase short circuit 2. Motor parameter setting error 3. Controller failure
1, 3	Current Sensor Fault Current sensor fault (main	1. U, V, W of the vehicle body relative short circuit (short circuit motor stator)

Packing List of S1.5R-UT (with full free lift) Electric Platform Straddle

Consignee:
Contract No.:

Ex-work No.:
Ex-work Date:

No.	Name	Quantity	Net weight (kg)	Dimension (L×W×H)	Remarks
1	MSS15X-UX Electric Platform Straddle	1			A complete set.
2	Accessory box	1			Technical documents, accessories and spare parts.

Note: 1. The following documents are in the file bag:

- ① Operation manual of MSS15X-UX Electric Platform Straddle 1 volume
- ② Packing list 1 copy
- ③ Qualification certificate 1 copy

2. Accessories and spare parts

No.	Name	Use position	Type & specification	Quantity	Remarks
1	Key to electric lock	Unlock the electric lock		2	
2	Charging plug and socket	Matched with the charger		1 set	With no charger for built-in type
3	Fuse	Electric equipment	10A	2	
4	Fuse	Electric equipment	100A	1	standard
5	Fuse	Electric equipment	180A/425A	1	standard/high standard
6	Sealing ring	Oil cylinder	UHS27	2	
7	O type sealing ring	Oil cylinder	45X2.65	2	
8	Composite ring	Oil cylinder	D16	2	
9	Dustproof ring	Oil cylinder	DH27	2	

Consigner:

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