

# OPERATION MANUAL



**HANDLER**

**SCL170AC**

# User manual

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# 1 Symbols and Safety Instructions



**WARNING** ----- May cause serious injuries or even death!



**CAUTION** ----- May cause slight injury!



**NOTE** ----- May cause machine damage!

- Read the user manual and pay attention to the warning and safety instructions before operation.
- Check the electric functions, battery capacity and SCL170AC wheels before operation.
- Keep the SCL170AC above 0°C for at least one hour before operation.
- Read the technical parameters carefully. Do not overload.
- Only the trained person with physical and mental health is allowed to operate SCL170AC.
- Anti-slip shoes are required. It must be operated by two hands. Practice using the climber without load and at the low speed.
- Only for carriage of cargo, not for person. Safety strap must be used to secure the cargo.
- Do not put the hand under the loading board or touch any rotating part.
- Do not use the SCL170AC in rainy day, moist and slippery condition, as well as on the snow or ice, which may react against the brake, causing side-slip or other potential risks.
- Do not use if the SCL170AC tires are deflated or damaged.
- Do not use on the road with obstacles or on the slippery one.
- Do not use SCL170AC on an escalator or a rotating conveyor belt.
- If the drive unit is stuck, turn off SCL170AC immediately.
- Turn off the power when transporting and obey the relative laws.
- Keep the battery plug-in contacts dry. Protect the charger and the

charging cable from oils, diluents and sharps

- Store it in dry condition. High-pressure cleaner is forbidden to clean the machine.
- Please repair only by XSTO CO.,LTD. authorized agency
- Outer factor such as sunshine may lead to surface heat. Far away from inflammable.
- The SCL170AC may interfere induced electromagnetic field of electronic equipment (such as security system of department store).
- Only the accessories provided by XSTO CO.,LTD. can be used.

## 2 Description

### 2.1 The structure



1: Top Cover 2:Sensor 3: Loading Board Support 4: Solid Tire 5: Rotating Support Leg 6: Directional Wheel 7: Control Panel 8: 8:Emergency stop switch 9:Control Handle 10:Wire Handle Controller 11: Ball Screw Shaft 12: Portable Lithium Battery 13: Motor Shell 14: Climbing S Arm 15: Aluminum Alloy Loading Board

### 2.2 Technical Data

This manual is suitable for **SCL170AC** series ONLY.

### 2.3 Application

The SCL series is a multi-functional material handling equipment that integrates climbing, lifting and handling. It can be applied in the fields of logistics, express delivery, furniture and home appliances moving, as well as factories, offices, residential buildings, outdoor steps and other places where stair-climbing or lifting is required. It can realize one-stop handling of goods from storage to application.

## 2.4 Technical parameters

<b>Model</b>	<b>SCL170AC</b>
<b>Size</b>	Height: 1410 mm Width: 585 mm Length: 650 mm
<b>Weight</b>	Main Device: 56±2 kg Battery pack: 3.2 kg
<b>Rated Climbing Load Weight</b>	170 kg (loading board center)
<b>Rated Lifting Load Weight</b>	170 kg (loading board center)
<b>Lifting Stroke</b>	1000 mm
<b>Maximum Rise of Loading Board</b>	1025 mm
<b>Ascending Speed</b>	31s/m
<b>Descending Speed</b>	31s/m
<b>Rated Load Climbing Speed</b>	slow speed: 22 steps/min fast speed: 36 steps/min
<b>Battery</b>	48V/10Ah (lithium battery pack)
<b>DC Motor</b>	48V 400W(climbing); 48V 120W(lifting)
<b>Lifting Times (Fully charged)</b>	320-370 times
<b>Climbing Capacity (Fully charged)</b>	52-117 floors or 936-1873 steps

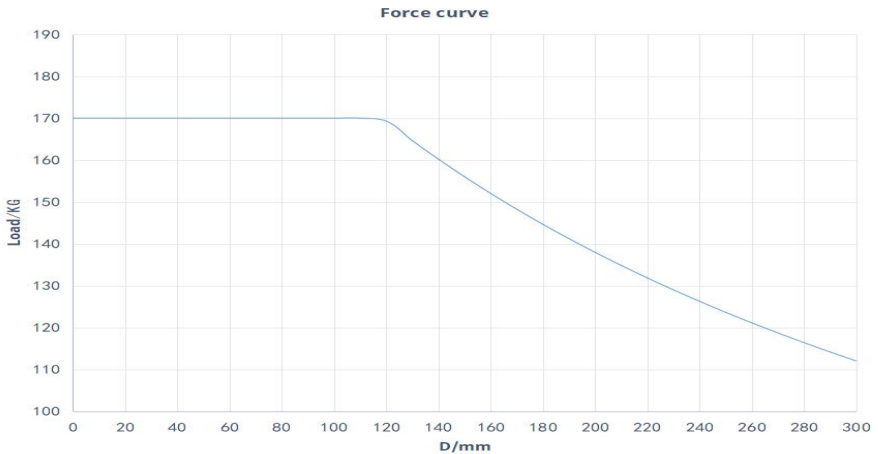
<b>Noise Level</b>	<70dB
<b>Temperature for Storing/Operating</b>	-5°C+35°C /0°C+40°C
<b>Storing/operating temperature of battery</b>	-5°C+35°C /0°C+40°C
<b>Serial Number</b>	See the Nameplate
<b>Protection Level</b>	IP54



**NOTICE ----- Rated working condition description:**

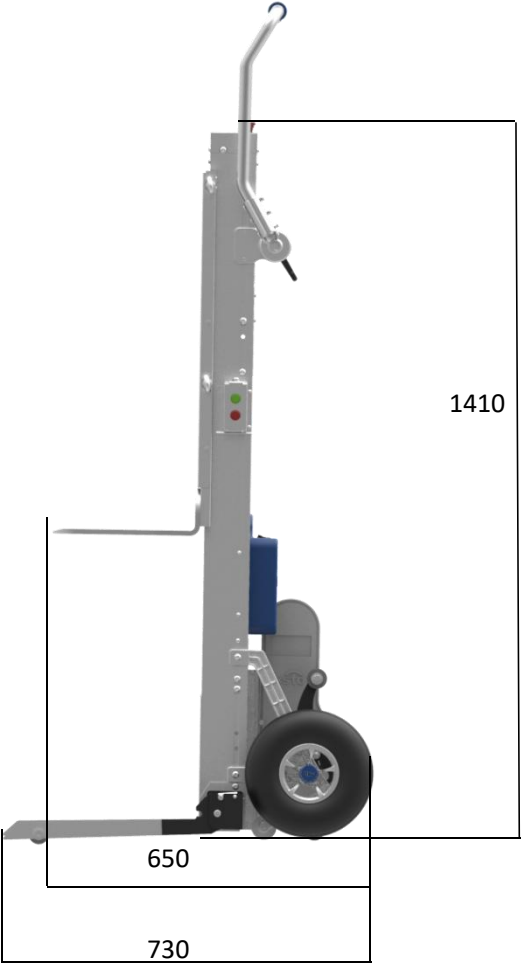
**If the weight of the cargo exceeds the range of rated working condition, the load should be reduced, otherwise the equipment will be damaged or tipped.**

	<p>H (rated rising height): 1000mm  G (gravity of cargo)  D (distance of gravity's center of standard load): 120mm:  Q (rated capacity): climbing 170KG  Lifting 170KG</p>
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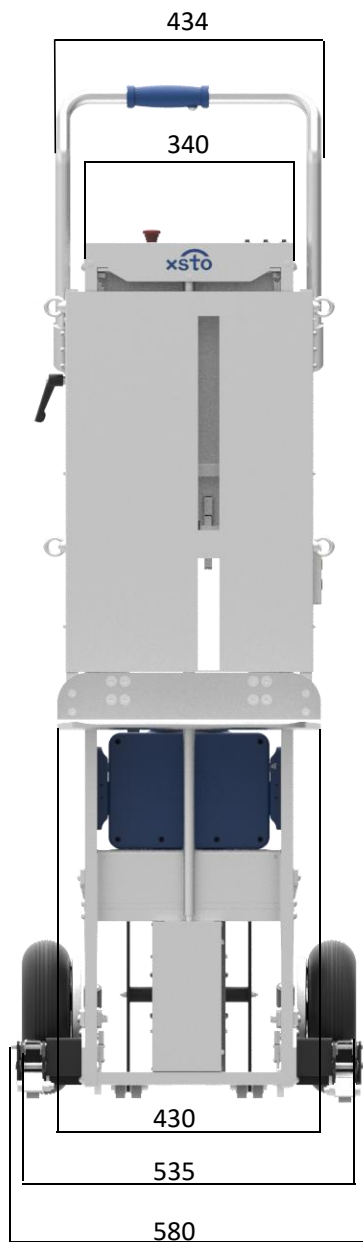




# 2.5 Dimension






unit: mm







unit: mm



## 2.6 Standard Accessories

		
<p>① Main Body</p>	<p>② Charger</p>	<p>③ Wire handle controller</p>
		
<p>④ Safety strap</p>	<p>⑤ Lithium battery pack</p>	

## 2.7 Optional Accessories

			
<p>① Quick charger</p>	<p>② Car charging converter</p>	<p>③ Safety strap</p>	<p>④ Lithium Battery pack</p>

### 3 Installation Instruction

	<p>1. Use M8x20 Hexagon socket head cap screws to mount the loading board or other loading components.</p>
	<p>2. Insert the battery into the corresponding battery socket.</p>



**NOTE**—Make sure that each screw is tightened to avoid loosening. If you find any issue during the installation, please contact the manufacturer or local distributor immediately.

### 4 Functions Description



**CAUTION**----- Please put the SCL170AC in the condition of above 0°C with no ice before initial operation



**CAUTION**----- Please test and operate the SCL170AC with no load first, and please use the SCL170AC with load after confirming

no abnormal situation



**CAUTION-----** The continuous operating time rule of the motor 50% working rule of the climbing motor [Continuous Operating Hours/(Continuous Operating Hours + Continuous rest hours) $\leq$ 50%], Rated load of 70% or above, the maximum continuous running time is less than 10 minutes. Rated load of less than 70%, the maximum continuous running time is less than 30 minutes.

Motor of lifting, 65% working time [Continuous Operating Hours/(Continuous Operating Hours + Continuous rest hours) $\leq$ 65%], Rated load of 70% or above, the maximum continuous running time is less than 20 minutes. Rated load of less than 70%, the maximum continuous running time is less than 40 minutes.

## **4.1 Control Panel and Wire Handle Controller Operation**

### **Instructions.**

Select the "Up / Down" button on the panel: Up (green) represents the upstairs direction and Down (red) represents the downstairs direction, which is used to control the upstairs and downstairs direction. When a prompt tone appears after long pressing for 0.2 seconds, release the key at this time to switch the corresponding direction.

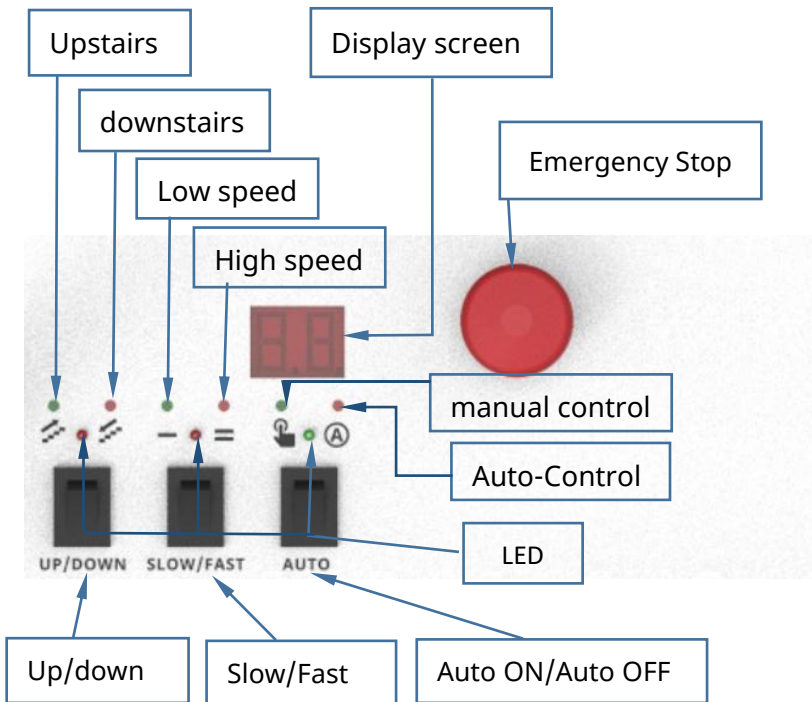
Select the "Slow / Fast" button on the panel: Slow (green) represents low speed and Fast (red) represents high speed, which is used to control the speed of going upstairs and downstairs. When a prompt tone appears after long pressing for 0.2 seconds, release the key at this time to switch the corresponding speed.

After selecting the gear, press the point switch at the handle to

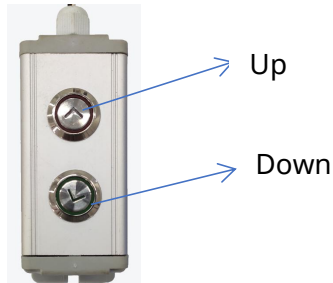
perform the upstairs and downstairs functions.

Selection of "Auto on / off" switch on the panel: when on, the indicator light displays red, which means that the lifting mode of loading plate automatically following the stacking of goods is started, and the height of loading plate or upper goods will rise or fall automatically, reducing the labor intensity of operators who need to bend down to carry goods to the workbench in the past; When off, the indicator light displays green, then turn off the lifting mode that the load plate automatically follows the cargo stack.

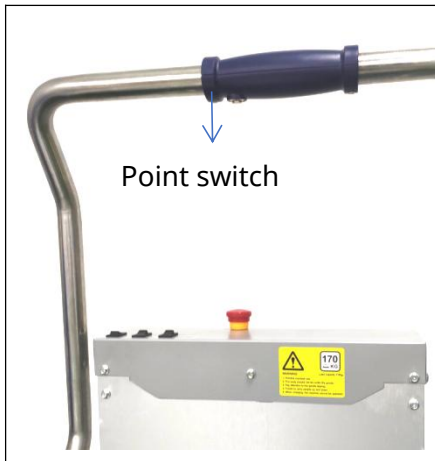
The emergency stop switch is used to stop the emergency state. It stops when pressed and resets when rotated. When pressed, it will automatically return to low speed / upstairs mode and turn off the automatic follow function



The operation of the wire handle controller is used to operate the lifting mode separately. Press to move and release to stop. When the lifting function of the control box is started, the climbing function on the panel is temporarily closed to ensure the safe and stable operation of the machine.



#### 4.2 Point Touch Switch on adjustable handle



After selecting the control panel and corresponding function, you can use the point touch switch on adjustable handle to control the equipment to lift up and down or control the equipment to go upstairs and downstairs. Press the switch to operate and loose to stop.(Note: when the load plate is lifted, the inching operation is invalid.)

### 4.3 Loading Board



Move the cargo on the loading board and fix it with the safety strap.



**CAUTION**----- When using the loading board to lift cargo, please ensure the gravity center of the cargo is within  $\frac{2}{3}$  of the loading board, or the equipment may be tipped. Any part of the body and any consumable items are not allowed to put under the loading board.



**WARNING**----- Because the loading board can move up and down, it is forbidden to extend the cargo part or body part between the supporting plate bracket and the screw rod, so as to prevent the cargo from being damaged or cause casualties.



## 4.4 Battery Charging



**CAUTION----- Please Keep the socket dry!**



The battery of the SCL170AC is a fast plug design.

When placing the battery, insert the battery from top to bottom along the battery slide to contact with the battery base.





Make sure the battery is in power off state when charging, pull the battery pack out from above, use dedicated charger.

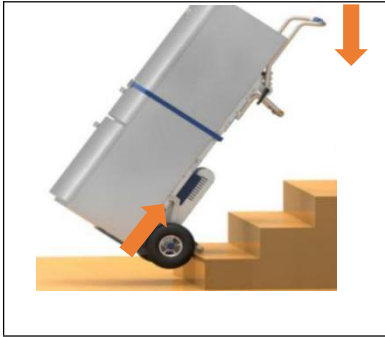
## 4.5 SCL170AC Starting



Insert the battery pack (full charged) into the socket, make sure the battery is in place and then switch it on.

## 4.6 Climbing Upstairs

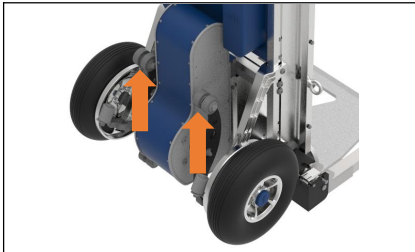
	<p>1. Insert the loading board under the cargo and keep the cargo stable (no shaking allowed), and then tighten the cargo to the SCL170AC with the safety strap.</p>
	<p>2. Press the brake rod to lose the brake.</p>
	<p>3. Tilt the SCL170AC and ensure it is balanced.</p>
	<p>4. Pull back the SCL170AC and always ensure the 2 tires against the step facade. And the operator should stand at the right place (usually 2-3 steps higher than the tire). The “up/down” switches on the top of the control panel is “up”.</p>



5. Press the point-touch button to run the climbing motor, the climbing S arm will lift the SCL170AC to the next step, so the operator just needs to hold the button and keep balance to prevent tipping.

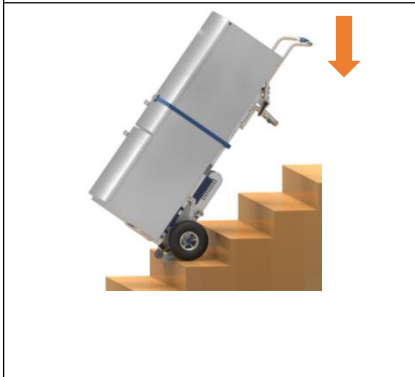
Release the point-touch button, the motor will stop.

### 4.7 Going Downstairs



1. The “up/down” switches on the top of the control panel is “down”.

Lift up the brake rod to lose the brake.




2. Push forward the SCL170AC slowly, trigger the brake and stop the SCL170AC at the edge of each step, press the point touch switch to go down stairs (be noted to press down the handrail to counteract the tipping force.)

Release the point-touch button, the motor will stop.

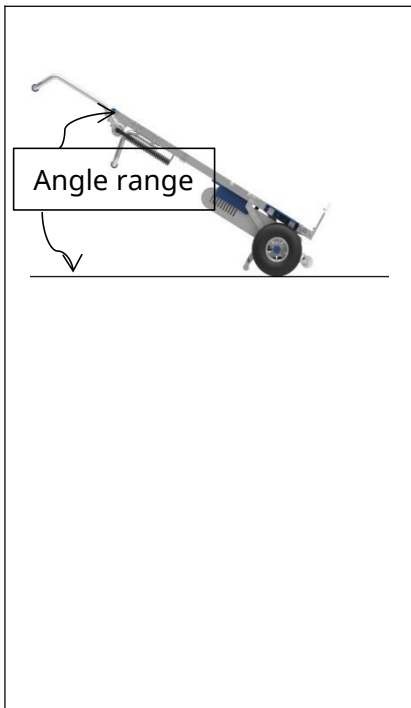


**CAUTION**----- Please hold the handrail tightly during up/down stairs, keep pressing down the SCL170AC to keep balance when climbing up/down stairs.

## 4.8 Anti pinch function

 A photograph of the top of a grey xsto device. The brand name 'xsto' is printed in blue on the front panel. An orange arrow points upwards from the center of the device, indicating its movement direction.	<p>If any hard object touches the device during the rising process, the device will move upward slightly under pressure, trigger the travel switch, and the ascending process will stop immediately.</p>
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## 4.9 Anti pinch function

 A photograph of the xsto device tilted at an angle. A white box with the text 'Angle range' is positioned over the device. Two curved arrows point from the box to the upper and lower limits of the device's tilt.	<p>In order to ensure the safety of the machine, the machine has angle control, and the angle range is <math>10^{\circ} \sim 80^{\circ}</math>. When the tilt angle of the machine is wrong, "E.A" (Error Angle) is displayed on the display module. At this time, the floor climbing function cannot be used, and the corresponding state of floor climbing (High and Low speed, Upstairs and Downstairs) cannot be switched by pressing the key, but the lifting function can be used normally.</p>
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## 4.10 Loading board automatic tracking goods stacking

The automatic adjustment mode of the height of the loading board, which is usually used to carry multiple stacks of goods.

The top panel switch "Auto ON/ OFF". Long press the switch for 1 second and release it, the automatic mode starts and the red LED is on, the height of loading board can be adjusted automatically with the goods stacked. The upper and lower photoelectric sensors are set in the middle of the product. The sensors can identify the height of the loading board and the height of the cargo top, the loading board will automatically raise or fall, so as to reduce the labor intensity, who need to bend down to put the cargo on the workbench. When the switch is released after short press, the green LED is on, it means turn off the automatic adjustment mode of the height of the loading board.

(1) When the mode is just started, the loading board will reset itself.

When the mode is started, if the loading board is above the lower sensor, when performing automatic reset, it will automatically rise to the upper limit, and then automatically descend to the target height, and the automatic positioning is completed.

When this mode is activated, if the loading board is under two sensors, when performing automatic reset, it will automatically rise first, sense the sensor, and then automatically descend to the target height, and the automatic positioning is completed.

When the mode is started, if the load plate is in the state of sensing two sensors at the same time, and the automatic reset is executed, it will automatically descend to the target height and the automatic positioning is completed.

(2) When the boxes are stacked on the loading board, the loading board will automatically descend and the top box surface will always be at the proper height.

(3) When the stacked boxes are moved away from the loading

board, the loading board will automatically rise, and the top box surface will always be at a proper height.

## **4.11 standby sleep**

In the manual mode, after 10 minutes without any key operation (including handle, key switching and jogging button), the standby sleep system will automatically turn on, the indicator light and display module will turn off, and the machine cannot be controlled. At this time, the battery can be turned off and normal use can be restored after restart.

# **5 Routine Inspection and Issue Handling**

## **5.1 Routine Inspection and Issue Handling**



**CAUTION-----** The SCL170AC should be inspected every month. please stop using it immediately once damage is identified, and please contact the local dealer to repair or replace parts.



**WARNING-----**Please inspect and test the SCL170AC with no load before using, and please stop using and contact the local dealer or manufacturer to inspect and repair if the following occurs:

- (1) Low power warning even the battery is fully charged.**
- (2) The switches or buttons on the control panel don't work, or the function doesn't match the manual.**

- (3) The highest and lowest position limit function does not work.
- (4) The ball screw shaft breaks or other damages occur.
- (5) The loading board (load-free) is stuck in the process of going up or down.
- (6) The abnormal sound is identified in the load-free operation.
- (7) The loading board, equipment body or other parts deformation or damage.
- (8) The casters do not work well.

## 6 Operation



**WARNING----- Only trained person can operate this machine!**



**WARNING----- Overloading is strictly prohibited!**



**WARNING----- When using, keep anybody and any item off the front of the SCL170AC and make sure nothing is under the loading plate to avoid any injury and property loss caused by loads falling or machine tipping.**

### 6.1 Loading Goods

	<p>Before loading, move up the pin at the support leg, and the support leg can rotate. When the support leg rotates to the approximate horizontal position, the pin will automatically return to its position and lock the support leg again. When the support leg is not used to support the goods, the pin is also moved upward. When the leg is rotated to the approximate vertical position, the pin will automatically return to its position and lock the leg again.</p>
	<p>Adjusting the direction of the climbing S arm to ensure the support wheel could touch the ground, preventing the SCL170AC from slipping during loading, keeping the SCL170AC power off during the loading process.</p>
	<p>Requirements for cargo placement: The front and rear part should be close to the back-board, and the left and right side should be placed at the center of the loading plate; The cargo's center of gravity should not exceed the 2/3 position of the plate and should be tied with straps.</p>

## 6.2 Operation On Flat Ground





The SCL170AC can use its handle to achieve flat ground with its solid tires and caster legs.

In case of uneven road, please tilt SCL170AC and use solid tires to move.



**WARNING:** The slope of the ground should not be larger than 10 degrees, otherwise there is a risk of tipping.

**NOTE:** Be sure to turn off the power switch during ground operation to avoid incorrect operation.

## 7 Storage & Transportation



**NOTICE**—The battery should be removed during transportation and storage.

For short-distance transportation, SCL170AC can be docked directly to the side of the compartment and fixed with straps.

For long-distance transportation, the quick-release legs should be removed, and the control panel of the SCL170AC should be faced up and laid flat on the truck floor.

The storage of SCL170AC should be in an indoor environment of 0 °C ~ 30 °C, and away from the damp (water), strong magnetic environment.

For a short-time storage, the lift of SCL170AC can be placed next to the wall and the wheels on the support arm(S-shape) should be fixed to avoid rolling.

For a long-term storage, please the screw rod shall be evenly coated with lubricating grease and then sealed for storage.

## 8 Maintenance

### 8.1 Notice for routine maintenance



**CAUTION**-----Do not operate the SCL170AC with wet hand!



**NOTICE**----- Keep SCL170AC away from wet condition!



**NOTICE----- Charge the battery pack after each use!**



**NOTICE----- Keep the charger and charging cable away from oil; grease; aggressive detergents, diluents or any destructive items!**



**NOTICE----- Please follow the operating instructions to charge!**



**NOTICE----- The battery performance and life of the battery pack will be reduced if it runs out of all electricity!**



**NOTICE----- Please keep the plug dry!**



**NOTICE----- Ensure that the charging port is closed with the protective cover when no charging is required!**

**New battery will show its best performance after several full charging!**


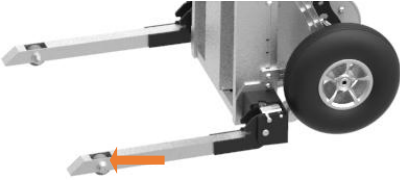



**NOTICE——Please change the grease in time!**

## **8.2 Replacement for Vulnerable Parts & Battery**



**NOTICE--Vulnerable parts are not covered by warranty.**

	<p><b>Replacement for solid tires</b></p> <p>Remove the damaged solid tire and replace it. When taking it down, you only need to take down the hexagon socket head screw with the hexagon wrench. The installation process is the same.</p>
	<p><b>Replacement for front caster</b></p> <p>Loosen the lock nut of damaged caster and replace it with a new one. After the caster is replaced, all the four casters should be leveled, and lock the nuts.</p>
	<p><b>Replacement for battery</b></p> <p>Since the battery has a life cycle, when the battery power drops below the baseline, a new one is required. Please send the used battery to the local dealer or the manufacturer. (Please do not discard the battery to cause pollution)</p>

Please read the maintenance manual to learn more about vulnerable parts replacement.

### 8.3 Battery pack



CAUTION - Never touch with moist hands!



Notice- Protect the climber against humidity!



Notice- Charge the battery pack after each use!



Notice - Protect the charger and the charging cable from oil, grease, aggressive cleaning agents, thinners or damage.



Notice-follow the operating instructions of the charger.

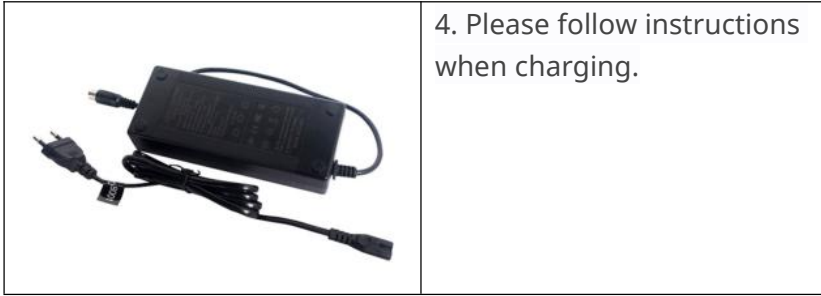


Notice-Always keep plug in contacts dry



Notice-new battery reach its full capacity after several charging.

	1. Turn off the main switch.
	2. pull out the battery pack
 <p>Charger hole</p>	3. Connect the charger



## **Battery instructions and precautions**

### **(1)Storage**

When the battery pack to be long-term stored, charge the battery pack to about 50% capacity, store in dry and ventilated place, charge for every 3 months.

The battery pack and charger should be stored in clean, dry and ventilated place, avoid contacting with corrosive materials and be away from fire and heat.

The charging temperature range is 0-40°C. If the range is exceeded, the battery performance will be reduced and the battery life will be reduced.

### **(2) Transportation**

The battery pack and charger should be packaged for transport, prevent excessive vibration, shock or extrusion in transport process and prevent the sun and rain.

### **(3) Maintenance**

- a) The battery pack should be stored in 40% ~ 60% charged capacity.
- b) If battery pack is not used for a long period, it should be charging completely and discharging completely one time for every three month, then charge the battery pack to about 50% capacity, use the specific charger,.
- c) In the maintenance process, please do not disassemble the battery pack, otherwise battery performance will decline.

d) Forbid to remove any cell in the battery pack. Unauthorized disassembling of batteries is prohibited, and may invalidate your warranty.

e) Problem handling

Symptom	Trouble Reason	Troubleshooting
Battery with no-output	Battery output cable is not connected. Battery pack is out of power	Connect the output line properly in accordance with the specifications. Charging the battery pack
Charger power light is off	Input charger plug is not properly inserted	Enter the charger plug into the mains supply plug according to the operation manual
Battery pack cannot be charged	Charger output plug loose; Battery pack is fully charged	Check the charger output plug and battery plug is firm or not; Battery pack can be used normally

f) Warranty period

Warranty period of this product is 12 months from delivery date.Cycles:500 times, capacity≥80%.

**(1)Battery Handling Precautions**

- \*Forbid to immerse battery in water or juice or other liquids, and do not get wet!
- \*Don't charge, use and store battery near a heat source such as fire and heater! Stay away from flammable and explosive materials.If the battery leaks or releases strange odor, please remove it from near fire place immediately. Fully charge the battery before first-time using.
- \*Forbid to reverse the positive and negative pole!
- \*Forbid to throw the battery pack into fire or heat it!
- \*Forbid to short-circuit battery with wire or other metal objects!
- \*Forbid to nail, knock or trample battery!
- \*Forbid to disassemble the battery and battery pack in any way!

- \*Forbid to put the battery into microwave oven or pressure vessel!
- \*Forbid to use batteries on other devices!
- \*Forbid charging in outdoor exposure to high temperature and sun, or rainy days!
- \*Forbid to charge in corridors, evacuation routes, safe entrances and exits, and indoor houses!
- \*The battery should be charged, used and stored in a place away from static electricity.
- \*Stop charging if it is not fully charged for too long.
- \*It should be charged in the daytime under the supervision of someone. When people leave, pay attention to unplug the charging plug. It is forbidden to charge overnight.
- \*Prohibit the use of series and parallel battery!
- \*If the battery pack gives off odor, gets heat, deformation, discoloration or appears any abnormal phenomenon, stop using it; please remove the battery from electrical appliances and stop using it, when the battery is being used or charged!
- \*Forbid to use battery pack in a very hot environment, such as under direct sunlight or in car on hot day. Otherwise, the battery pack will overheat, which will affect battery performance and shorten battery life!
- \*Do not over charged. Unplug the charger as soon as possible after the charger indicates full charge.
- \*If the battery teaks and electrolyte leakage enter into the eyes, do not rub, rinse with water immediately and seek immediate medical assistance. If not in time, eyes will be hurt!
- \*Forbid to disassemble by yourself.

## **8.4 Exchange the fuse**



CAUTION - Before exchanging the fuses, disconnect the charger /charging cable for the car!

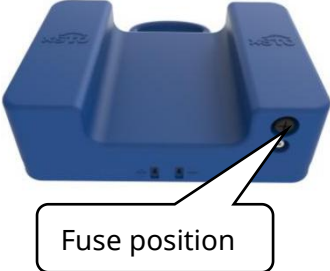




NOTE - Never mend or bridge defect fuses!



NOTE - Replace them with fuses of the same amperage!

 <p>Fuse position</p>	<p>Remove the fuse cap and the old fuse, Insert the new fuse and put on the cap.</p>
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## 9 Recycling

The products of the XSTO CO.,LTD. are with long durability. However, if your machine is reaching the end of its lifespan you may return its components to XSTO CO.,LTD. or the distributor of XSTO CO.,LTD. so that they could be recycled.



# 10 Malfunction and Troubleshooting

Problem	Check and Solution
Cannot start the SCL170AC	<ol style="list-style-type: none"> <li>1. Check if the battery display is normal. Please charge it if low power is displayed.</li> <li>2. If the battery is charged, but the machine still cannot be started. Please contact the local dealer or the manufacturer.</li> <li>3. Check whether the emergency stop switch is pressed and can be operated normally only after it is rotated and released.</li> <li>4. The lifting function is abnormal. Pay attention to check whether the upper position switch or lower limit switch is touched.</li> <li>5. If the battery still fails to start when there is power, please contact the manufacturer and local dealer.</li> </ol>
The battery can't be recharged	Please contact the local dealer or the manufacturer.
SCL170AC button issue	If control panel cannot work well or does not match the description, please contact the supplier.

SCL170AC abnormal sound	If there is abnormal sound from the SCL170AC during the running process, please unload the cargo and check if there is any object stuck inside of the sliding track (please disconnect the electricity when doing the check to avoid any injury). Then check if there is abnormal sound when the machine is running with no load. If the problem remains, please contact the supplier.
Deformation, bending and other damage of the support arm(s-shape) of SCL170AC	Please contact supplier for a new support arm (s-shape).

## 11 Warranty and Responsibility

### 11.1 Warranty

The warranty of the motor, decelerator, battery and control panel as well as main device is 12 months; The warranty of the switch is 3 months.

Damage caused by the following reasons is not covered by the warranty:

- Damage caused by overwork;
- Damage caused by incorrect operation
- Damage caused by violence
- Natural wear of casters, seat belts, etc.
- Inappropriate or inadequate maintenance

- Unauthorized structural changes and improper use of equipment and accessories
- Damage caused by overload
- Battery is not charged appropriately
- Damage caused by incorrect operation, maintenance or storage
- Damage caused by dismantling by others (except the warranty party)

## 11.2 Responsibility

**The manufacturer is not responsible for any damage to the SCL170AC caused by the following cases.**

- Inappropriate operation
- Repair or dismantle the equipment without authorization
- Do not follow the operating manual
- Install parts or accessories that are not exclusive for SCL170AC use
- Deliberately dismantle the configuration of SCL170AC
- Overwork
- Operate under low battery

\*If the contents of this specification is changed because improving product quality or upgrading technical parameters, we will not give notice. For the latest product information, please contact the supplier.

## EC Declaration of Conformity

**We**

(XSTO CO.,LTD.)

**Company's address**

(Floor 1, Building C, 555 Plant. Ma'an Cun Rd, Cuiheng New District, Zhongshan City Guangdong Province)

**declares that the product described is in conformity with  
The Machinery Directive: 2006/42/EC and The EMC Directive: 2014/30/EU**

**Applicable Harmonized standards:**

2006/42/EC Annex I

EN 60204-1:2018

EN ISO 12100:2010

**Product Name**

HANDLER

**Product Model**

(SCL170)

**Trade Mark**

(XSTO®)

**Name and address of the person authorized to compile the technical file**

Guoshou Liang

Floor 1, Building C, 555 Plant. Ma'an Cun Rd, Cuiheng New District, Zhongshan City Guangdong Province

**Authorized Representative:**

We guarantee that we will provide the authorized representative information before we export the machine to E.U.

**Responsible for making this declaration is the manufacturer**

2020-06-09

Guangdong China

Issue date and Place

Yong Zhao



General Manager


Name and position



Signature and company stamp



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