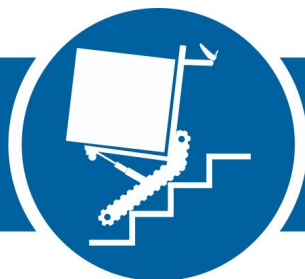


OPERATION MANUAL



POWERED STAIR CLIMBER

CT310

CATALOG

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1 Symbols and safety instructions



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



CAUTION ----- May cause slight injury!



NOTE ----- May cause machine damage!

- Read the user's manual and pay attention to the warning and safety instructions before operation.
- Check the electronic functions, battery capacity and crawler tracks.
- Store the CT310 in an environment above 0°C for at least one hour before operation.
- Read the technical parameters carefully. Do not exceed the rated weight.
- Only trained person can operate CT310. The operator should be in health both physically and mentally.
- When stair climber the machine is going up and down, other personnel shall not stand under the machine .
- Antiskid shoes are required. It must be operated with two hands. Run the pilot operation without load and at low speed.
- Make sure there are no obstacles on the stairs and the steps are not slippery.
- Only for carriage of cargo, not for persons. Safety trap must be used to secure the cargo.
- Do not reach under the load plate or touch the rotating part and track.
- Do not use the CT310 in rainy, wet, snowy or icy condition and sideslip or other potential dangers may be caused.

- Do not use CT310 if the crawler track is broken.
- Do not use CT310 on road that is slippery or with barrier.
- Do not use the CT310 on the escalators or moving belts.
- Turn off the CT310 immediately if the drive part is stuck.
- Make sure the power is off during transportation and the relative laws and regulations are followed.
- Keep the battery plug-in dry. Protect the charger and the charging cable from oils, diluents and items with sharp edges.
- Do not use high-pressure cleaner. Store it in dry condition.
- For repair or maintenance please contact with the agency or distributor authorized by XSTO CO., LTD.
- Outer factor such as sunshine may lead to surface heat. Keep away from the inflammables.
- The CT310 may interfere the 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



CT310 Heavy Load Powered Stair Climber

1: loading board 2: caster 3: crawler track 4: hand-held controller
5: Telescopic elbow rail 6: Handrail support 7: battery base 8:
base

2.2 Technical data

This user manual is for CT310 series ONLY.

2.3 Application fields

This series of products are new type of stair climber that can

transport heavy goods to go up and down the stairs. The main application areas are logistics, express delivery, house moving, carrying large furniture appliances and special equipment upstairs; it can also be used in factories, offices, residential buildings, outdoor stairs and other places.

2.4 Technical Parameters

Stair Climber CT310 Technical Parameters

Model	CT310
Size	Height: MIN 1132 mm, MAX 1375 mm Width: 550 mm Length: 1036 mm
Weight	Main Body: 75±2 kg Battery pack: 3.1 kg
Rated Capacity	310 kg
Climbing speed (310kg load)	High speed:14.6 steps/min
Downstairs speed (310kg)	High speed:15.4 steps/min
Motherboard type	Type A
Battery capacity	78-100 floors (1400-1600 steps)
Folding form	Handrail retracted and rotated
Max. Height of step	210 mm
Min. width of the step	Machine + cargo +100mm
Min platform size	1500mmx1500mm (turning stairs)
Battery type	Lithium battery pack
Battery parameters	25.2V, 17AH
Charging parameters	Input: AC100-240V Output: DC29.4V 4A
Walking motor/set (total two)	DC motor 24V 300W*2
Electronic push rod	24V 300W 12000N

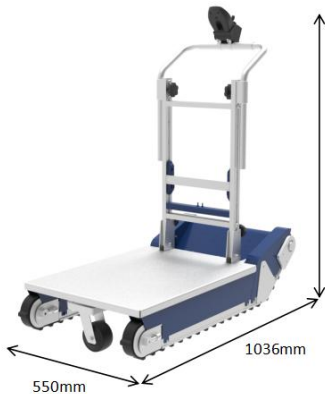
Noise level	<70dB (1m horizontal distance measurement)
Storing/operating temperature of device	-5°C~35°C/0°C~40°C
Storing/operating temperature of battery	-5°C~35°C/0°C~40°C
Serial number	See the body nameplate
Protection level	IP54
Lifespan	3years/50000steps

Note : CT310 parameters are suitable for ambient temperature 25°C. In a low-temperature environment, the load and endurance will be reduced. If the low-speed mode is started, the endurance will be reduced accordingly. This product is recommended to be used within 1000 meters above sea level. It is recommended to use under ambient humidity range of 45%-85% (no frost or snow).



WARNING: The center of gravity for the cargo should be located in the center of the loading board. If the center of gravity of the cargo exceeds the loading board, it should not be transported by using the CT310.






2.5 Dimension



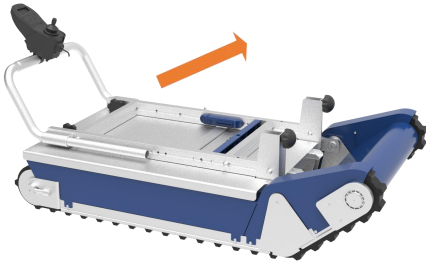
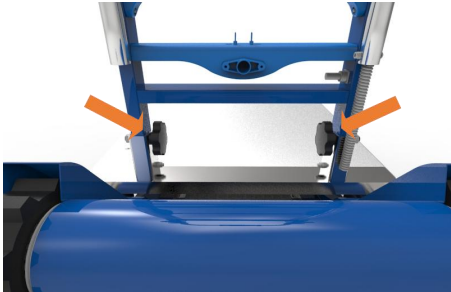
MAX 1375mm
MIN 1132mm



2.6 Standard Supply Accessories

		
① Main Body	② Battery Pack	③ Charger, 24V (for Lithium battery Only)
		
④ Safety Strap	⑤ Strap Holder	

2.7 Installation instructions

	<p>Open the steel back support of the CT310 to vertical Angle.</p>
	<p>Secure the CT310 back support panel with plum knob.</p>

3 Operation



Note—Please put the machine in the environment without freezing(above 0 °C) before initial operation!




Warning—Only trained person can operate CT310.





Warning—Pilot operation must be carried out with no load and in low speed mode!





Warning—The goods must be fastened with straps!


 **Warning**——Practice operating the machine with cargo of 50-100 kg until you are fully skilled in controlling the machine.

 **Warning**——When going up and down the stairs, under the non-automatic adjustment mode of loading board, pay attention to the center of gravity for the goods to ensure the load balance!

 **Warning** —— Operate it with two hands! Especially when approaching the last step upward and the first step downward.

 **Warning**——When the slope of the ground is bigger than 5° , it is forbidden to use the flat ground model by using the caster to move!

 **Warning**——When the machine is in operation, do not place your body parts close to the mechanical positions such as the track, the loading board and the cover, otherwise personal injury may occur!

 **Warning**——Different goods have different centers of gravity. For special goods (such as oversize, the center of gravity is biased to the outside of the loading board, etc.), manually adjust the tilt angle of the loading board to ensure safe operation!

3.1 Check Before Using CT310

 **Warning**

Stop operation when the following issues occur and contact manufacturer or local dealer for CT310 repair.

(1) The battery has been fully charged, but the handheld

controller still shows low power.

(2) After the power is turned on, press the handheld controller switch and there is no response.

(3) Press the handheld controller button, and find the function is inconsistent with the manual function, or the function is missing.

(4) The height of handrail cannot be adjusted or locked.

(5) Cracks and crevasses are identified on the crawler track, or the track deviates the gear during functioning.

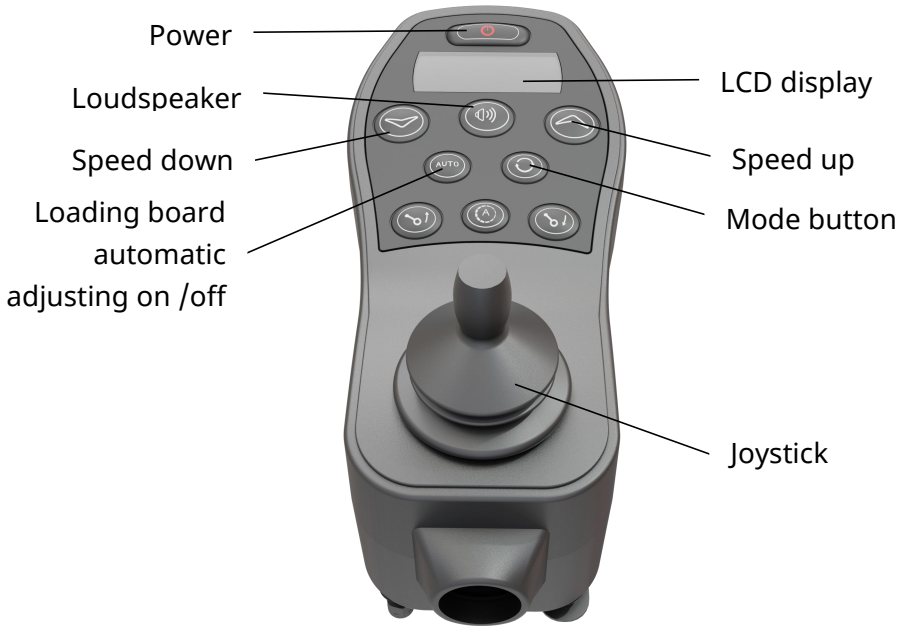
(6) CT310 makes abnormal sound during functioning.

(7) Switch on the battery and the universal wheel touches the ground, press the "A " for the first time to make CT310 in the automatic adjustment mode of the loading board, however the loading board cannot be adjusted to 9 ~ 11° from the horizontal level.

Please stop the CT310 if there is any damage to the remaining parts or abnormal vibration of the machine which difficult to determine whether the machine can be used safely during functioning.

3.2 Usage of hand-held Controller

3.2.1 Button function of hand-held controller



Joystick: Control the CT310 to move forwards and backwards or to flip the loading board.

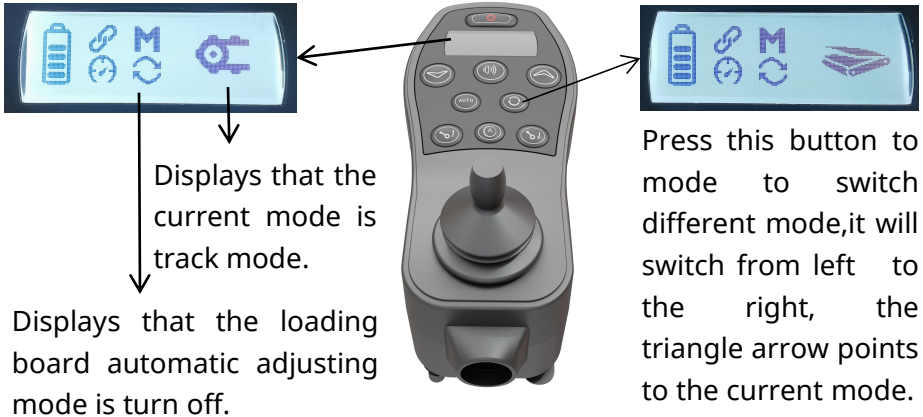
Loudspeaker: Press loud, press again to stop loud, warning function.

Speed down/up: There are five speed level, and the speed gradually increases from level 1 to 5.

Loading board automatic adjusting on/off : Used to enable/disable the loading board auto regulation mode.

Mode switch: Used for switching operation modes, this model has track mode and load plate adjustment mode.

3.2.2 Track running mode and loading board manual adjustment mode



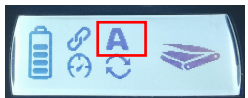
track mode: Used to enable track movement on the ground and up/down stairs.



loading plate adjustment mode: Used to enable the manual control the open/close of the load plate.



Load plate manual adjustment mode: Loading plate angle will not be adjusted automatically.



Loading plate automatic adjustment mode : The loading plate will adjust automatically to remain at the original tilt angle.

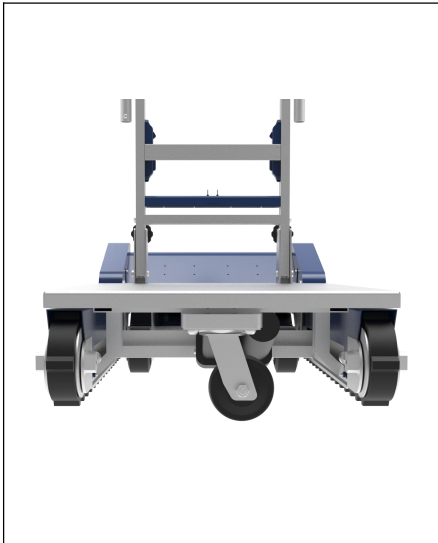
3.3 Adjustment of Handle and Strap Holder



The handle of CT310 is adjusted by locking the clamp screw. After loosening the clamp screw, the handle can be pulled out or retracted. When the handle is adjusted to a suitable position, the handle can be fixed by locking the clamp screw again.

3.4 Operate on Flat Ground

3.4.1 Operate on flat ground



The bottom of CT310 has casters for walking on flat ground. Adjust the loading board to the smallest angle, which will enable the casters touch the ground. And then the operator can push the handle to move CT310 forward on flat ground. This way can be applied on flat ground ONLY.

Warning: When the slope of the ground is bigger than 5° , it is forbidden to use the flat ground model by using the caster to move!

3.4.2 Track walks on flat ground



The CT310 can walk on flat ground with crawler tracks. Switch to the loading board manual operation mode, raise the loading board to an angle till the crawler tracks touch the ground, and then the operator can move the machine by controlling the joystick.

This way is applied to short distance walk or on uneven road surfaces.

3.5 Adjust loading board

3.5.1 Loading board manual adjustment mode/automatic

adjustment mode.

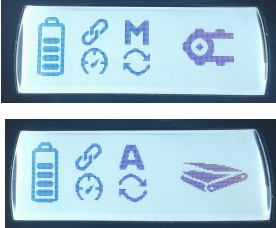
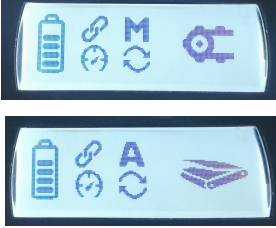


Press the mode switch button to switch to the adjusting mode of the load plate. Under this mode, the tilt angle of the load plate can be adjusted by the joystick.

Press Loading board automatic adjusting on /off button to switch between automatic and manual mode.

The adjustment mode of the loading board will be displayed in the upper left corner of the screen.

3.5.2 Change the automatic adjustment angle of the loading board

	<p>Mode 1: Switch to the adjusting mode of the load board, adjust the load plate to a proper angle by joystick , and then open the automatic mode.</p>
	<p>Mode 2: First turn on the automatic adjustment function of the load plate, then switch to the load plate adjustment mode, adjust the load plate to the appropriate angle with joystick.</p>

3.5.3 The notes for angle adjustment of the loading board

(1) Effective range of automatic angle adjustment: 7° to 30°

When CT310 is under automatic adjustment mode, if the horizontal tilt angle of the loading board is adjusted to less than 7° or more than 30° , CT310 will automatically adjust the angle of the loading board to raise loading board to 7° or lower to 30° .

When CT310 is in the manual mode, if the horizontal angle of the loading board is adjusted between 7° and 30° and enters the automatic mode, CT310 will automatically adjust the angle based on the current angle. If the loading board enters the automatic mode with an angle greater than 30° , the loading board will be depressed to 30° (In case of less than 7° , see the second precautions).

(2) Restore the last used auto angle

When the CT310 switches to manual mode from automatic mode, CT310 will retain the horizontal included angle of loading board during mode switching (assuming the angle is 15°).

When the CT310 is under manual adjustment mode and the horizontal

included angle of the loading board is less than 7° . Then switch to the automatic adjustment mode, the loading board will be adjusted to the angle when the last automatic adjustment mode is switched to the manual adjustment mode (the angle of the previous section is restored to 15°).

Note: this angle is not saved after the machine is powered off, and is only valid when the machine is continuously used after power on.

(3) When the machine (lithium battery switch) is powered on, the automatic adjustment default angle is : 10° .

After the CT310 (lithium battery switch) turns on, it switches to the automatic adjustment mode for the first time with the horizontal angle less than 7° . At this time, The CT310 will adjust the horizontal angle of loading board to 10° .

Switch to the automatic adjustment mode when it is more than 7° , and the adjustment of the loading board shall be subject to the 3.5.1(1) .

(4) If it is found that the hand-held Controller is in the state of speed limit for a long time, or there is a continuous buzzer alarm sound from the CT310, please stop using the machine, and refer to the maintenance manual for fault detection.

3.6 Go Upstairs

3.6.1 Start the CT310 stair climber



Insert the 24V battery pack and turn on the battery switch.



Note: Before turning on the battery switch, make sure the battery is inserted in the battery holder and the power cord is connected well.



Turn on the hand-held controller switch; Click once to start the controller screen display; Press and hold again for 1 second to shut it down.

3.6.2 Initial position



Make sure the goods are fixed securely, move CT310 to the edge of the stairs and make sure the two tracks lean against the edge of the first stair. Turn on loading board automatic mode on hand-held controller, set speed at level 1, go upstairs by tracks.

3.6.3 At the beginning of going upstairs



CT310 will walk slowly before it finally gets off the ground. Under loading board automatic adjustment mode, the process will slow down the move.

When climbing with manual control mode, shift between “track walk” mode and “loading board manual adjustment” mode, make sure the machine going up slowly while maintaining the balance of the loading board.

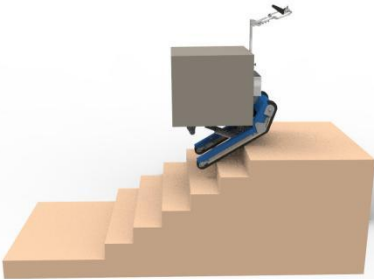
3.6.4 Going upstairs smoothly



When CT310 gets off the ground totally, it can go upstairs smoothly, then cancel automatic mode and turn to manual mode.

If CT310 goes upstairs unstably, adjust manually the loading board rotating angle according to different cargo gravity so that CT310 can go upstairs smoothly. Then you can increase the speed.

3.6.5 Climb the last THREE steps



When CT310 goes up to the edge of the last step, turn speed to 1. Turn to loading board automatic mode by hand-held controller. Moreover, pull the CT310 armrest and find the balance position gradually until the CT310 can be easily flipped back and forth. Hold the CT310 handle with both hands, pull the CT310 back slowly, make the CT310 automatically adjust the angle to recover the loading board until the tracks return close to the upper platform.

Then use the joystick to move up further.






Warning: There is potential risk when CT310 moves up to the highest stair on every floor. CT310 may roll over forward or

backward. Keep people and goods far away the machine. When a rollover is inevitable, loosen the armrest and dodge in time.


Note: When the loading board automatically adjusts the angle, the speed of going up and down the stairs will be automatically reduced to ensure safety. When the automatic balance adjustment is completed, the original speed will be restored. And under the automatic adjustment mode of the loading board, in the initial position of going upstairs, only the joystick needs to be controlled, and no other operation is needed.

3.7 Downstairs


3.7.1 Start the CT310 stair climber

	<p>Insert the 24V battery pack and turn on the battery switch.</p> <p> Note: Before turning on the battery switch, make sure the battery is inserted in the battery holder and the power cord is connected well.</p>
	<p>Turn on the hand-held controller switch.</p>

3.7.2 Initial position

	<p>Make sure the goods is fixed securely, move CT310 to the edge of the step and make sure two crawler tracks lean against the edge of the first step. Turn on loading board automatic mode by hand-held controller, set to speed 1, and go down under track moving mode.</p>
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3.7.3 At the beginning of going downstairs

	<p>Move the CT310 to the edge of platform, push the handle downstairs slowly, find the balance position where the CT310 can be easily flipped back and forth. Hold the CT310 handle with both hands, push the CT310 forward slowly, make the CT310 automatically adjust the angle to turn the base of the CT310 downward until the tracks touch at least two steps.</p>
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Warning-There is potential risk when CT310 moves on the highest stair. CT310 may roll over forward or backward. Make sure there is nobody and no goods beneath the stair. When a rollover is inevitable, loosen the armrest and dodge in time. Personnel shall avoid from the side.

3.7.4 Going downstairs smoothly



When CT310 gets off the edge of the platform totally and goes down stably, cancel automatic mode. If the base of CT310 is unstable when going downstairs, adjust to rotating mode by hand-held controller. Adjust manually loading board tilt angle according to different cargo gravity center so that CT310 can go downstairs stably. Then the speed can be increased.

3.7.5 Going down to the last THREE steps



When CT310 goes downstairs to the last three steps, automatic loading board adjustment mode is recommended, set speed to 1.

Turn to loading board automatic adjustment mode by hand-held controller. If the manual adjustment mode is applied please make sure the balance of the loading board, shift between the track walking mode and manual adjustment mode.

And when the tracks land on the floor, the floor walk mode can be launched.



NOTE: When the loading board angle is automatically adjusted, the speed of going up and down the stairs will be automatically reduced to ensure safe going up and down. When the automatic balance adjustment is completed, the original speed will be restored. Under the automatic adjustment mode of the loading board, in the initial stage of going upstairs, only the joystick needs to be controlled, and no other operation is needed.

3.8 Turning operation on flat ground or platform

Press ***Mode switch*** key on the hand-held controller to switch the climbing machine to the loading board manual adjustment mode. Operate the joystick to lift and flip the load board, slightly increase the center of cargo's gravity, until the casters completely go off the ground. Then, press ***Mode switch*** key again to switch to the track walk mode, and use the joystick to turn left or right. When the steering is completed and ready to go up or down the stairs, follow the previous instructions for going up and down stairs.

3.9 Parking



NOTE—Use the hand-held controller to power off the machine, and then turn off the power switch of the battery pack after each use! Remove the battery if the machine will not be used for a long time.



When parking, ensure that the CT310 is stored on the horizontal ground stably without shaking. If the storage place is likely to cause CT310 slide, raise the loading board to an angle so that tracks can land, preventing accidents or losses caused by machine sliding.

4 Maintenance

4.1 Battery pack



Notice—Please keep the stair climber away from the wet environment. After each use, please remember to charge! Please follow the operating instructions to charge! Keep the socket dry!



Notice—Please protect the charger and the charging cables away from oil, grease, detergent, thinner or any potentially damaging items!



1. Make sure the hand-held controller is power off to avoid damaging the motherboard. Also turn off the main switch on the battery.

	<p>2. Remove the battery in the arrow direction as shown in the picture.</p> <p>Note: The fuse holder is located below the battery base. Spec: 40A.</p> <p>The charging socket is located under the battery.</p>
	<p>3. Connect the charger.</p>
	<p>4. Please refer to the charger instruction on how to use it.</p> <p>Note: Use a dedicated 24V lithium battery charger, the output voltage is: DC 29.4V.</p>



NOTE: Don' t start CT310 while the battery is in charging.



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. blown fuse.	Connect the output line properly in accordance with the specifications. Charging the battery pack. Replace the fuse.
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.

<p>Battery pack cannot be charged.</p>	<p>Charger output plug loose: Battery pack is fully charged.</p>	<p>Check the charger output plug and battery plug is firm or not; Battery pack can be used normally.</p>
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f) Warranty period of the battery

Warranty period of this product is 12 months from delivery date.

Cycles: 500 times, capacity $\geq 80\%$.

(4) 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.

*Forbid charging in outdoor or rainy days!

*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!

*When charging the charger, connect the DC output end of the charger to the battery, and then connect the AC power plug of the charger.

*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.

4.2 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!



4.3 Recycling

CT310 is one product with long service life. However, if your climbing machine is nearing its limit of use, you can return the parts of the to our company or company agents for recycling.



4.4 Precautions for care and use

- * Store CT310 in an environment above 0 ° C for at least one hour before the initial operation.
- * Do not exceed the rated weight.
- * Only trained personnel are allowed to operate the CT310.
- * Wear non-slip shoes. Must be operated with both hands.
- * Practice low-load, low-speed up and down operations.
- * For cargo transportation only, not for person transportation.
- * Cargo must be secured with a safety strap.
- * Do not touch the bottom of the load plate or rotating parts.
- * Do not use the CT310 in rainy, humid, snowy or icy conditions.
- * Avoid hidden dangers caused by slipping, such as poor braking effect or side slip.



Note: Motor of crawler, 50% working time [Continuous Operating Hours / (Continuous Operating Hours + Continuous rest hours) ≤ 50%], Rated load of 70% or above, the maximum continuous running time is less than 60 minutes. Rated load of less than 70%, the maximum continuous running time is less than 90 minutes.

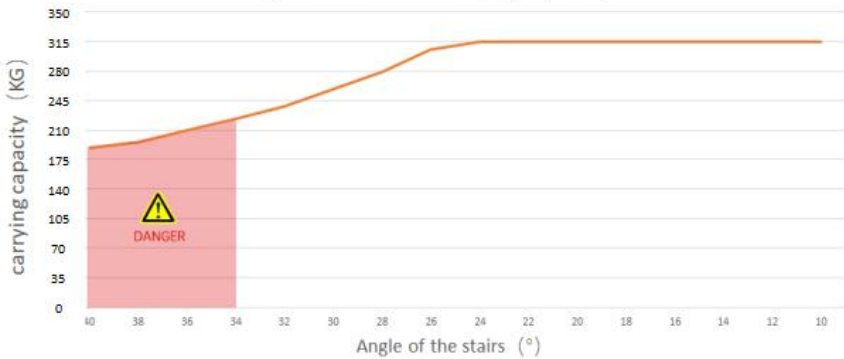


Note: Motor of loading board, 20% working time [Continuous Operating Hours / (Continuous Operating Hours + Continuous rest hours) \leq 20%], Rated load of 70% or above, the maximum continuous running time is less than 2 minutes. Rated load of less than 70%, the maximum continuous running time is less than 4 minutes.

The centre of gravity position-Carrying capacity



Angle of the stairs-Carrying capacity



4.5 FAQ

Q1: Where can the CT310 be used?

A1: CT310 is a multi-functional intelligent handling equipment, it is suitable for use in buildings, factories, and some outdoor environments.



Note: CT310 is not allowed to be used on wet roads and on water surface.

Q2: Can the CT310 be used on rainy days?

A2: The IP rating of CT310 is IP54, which has the ability of dust and splash proof, but it cannot be used in rainy days and water.

Q3: Can the CT310 handle all heavy loads?

A3: The CT310 has a rated load of 310KG. If the cargo exceeds 310KG, it will cause damage to the CT310. In addition, the center of gravity of the cargo (not more than 310KG) must be located in the loading board. When the center of gravity for the cargo is approaching the loading board, the loading ability will be reduced accordingly; when the center of gravity of the cargo exceeds the load board, the CT310 cannot be used to transport the cargo.

Q4: How long is the CT310 lifespan?

A4: The CT310 has a design life of 3 years or 50,000 steps, and the warranty is 1 year or 20,000 steps (except for crawler tracks, loading board, casters and other consumable parts).

Q5: How long does the CT310 last when the battery is fully charged?

A5: The CT310 has a range of 1400-1600 steps (about 70-100 floors up and down stairs) after each full charge.



NOTE: If the CT310 is parked for more than one week, it should be recharged before use.

Q6: Are all people eligible to use the CT310?

A6: CT310 is a heavy-duty handling equipment which requires skilled operation skills. People with no qualifications are not allowed to operate the machine.

Q7: Hand-held controller Indication status analysis

A7: The fault is usually indicated on the controller screen, and the related signal will flash accordingly. For example, if it is a key lock issue, a key signal will flash; if the temperature is too high/low, a

thermometer signal will flash.

Q8: CT310 lithium battery cannot be charged.

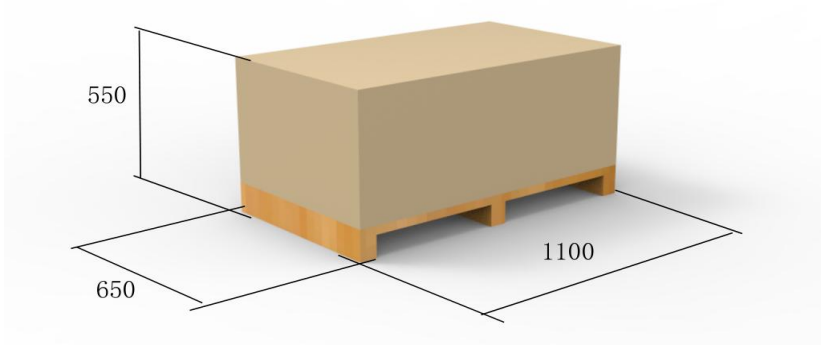
A8: Check if the fuse of the CT310 lithium battery is broken. If it is broken, replace it with a new one. Check whether the charger and its fuse are normal or not. During normal charging, the charger displays two red lights. If it is fully charged, the charger displays one red light and one green light.

5 Packaging box and shipping instructions

5.1 Package composition and storage

The packaging of the CT310 stair climber consists of a carton pack and a wooden pallet. The carton part uses a high-strength carton that can bear a weight of 500KG. The CT310 can only be stored in a way that the carton is stacked on the pallet. The CT310 box can bear two layers of stacking. Stacking of CT310 packaging must be carried out by using forklifts or special stacking equipment. Manual handling is prohibited. When stacking the CT310 package, please make sure the open side of the pallet face outside, which will make it easy for the forklift loading or unloading. At the same time, after stacking, the two-layer package must be fixed to prevent tipping due to external reasons.

5.2 Basic size of packaging box



Unit: mm

6 Warranty and responsibility

6.1 Warranty

The warranty period of the product is 12 months.

Any damage caused by the following reasons is not covered by the warranty:

- *Damage caused by overload work;
- *Damage caused by incorrect operation
- *Damage caused by violence
- *Natural wear of casters, safety strap, etc.
- *Inappropriate or inadequate maintenance
- *Unauthorized structural changes and improper use of equipment and accessories
- *Damage caused by overweight
- *Battery is not charged appropriately



Any of the following situations is identified during the warranty period, the cost of materials and service fees will be charged accordingly:

*Damage caused by the consumers ' improper use and maintenance or poor storage;

*Dismantling damage caused by a third- party;

*Damage caused by

The following parts are not covered by the warranty.

Name	Sketch map
Crawler	
Caster	

For products that are not covered by the warranty, we still serve you enthusiastically, and only charge the cost of the parts.

6.2 Responsibility

The manufacturer is not responsible for any damage caused to the CT310 in the following cases.

*Inappropriate equipment operation

*Repair, dismantling or other operations of the equipment without authorization

*Operation manual is not followed

*For the installation of special accessories for CT310

*Deliberately dismantle the configuration of CT310

*Operation under overload conditions

*Operation under low battery capacity

➤ **If the contents of this specification are 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

THIS IS HEREBY DECLARED THAT FOLLOWING DESIGNATED PRODUCT COMPLIED WITH THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF 2006/42/EC Machinery Directive and 2014/30/EU Electromagnetic Compatibility Directive ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO IT.

MANUFACTURER

XSTO CO., LTD.


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

NAME AND ADDRESS OF PERSON AUTHORIZED TO COMPILE THE TECHNICAL FILE

DESCRIPTION OF MACHINERY

PRODUCT NAME: POWERED STAIR CLIMBER

MODEL TYPE: CT310

Brand: 

APPLICABLE STANDARDS

EN 60204-1:2018, EN ISO 12100:2010;

EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2019,

EN IEC 61000-3-2:2019/A1:2021, EN 61000-3-3:2013/A1:2019/A2:2021

THIS DECLARATION APPLIES TO ALL SPECIMENS MANUFACTURED IDENTICAL TO THE MODEL SUBMITTED FOR TESTING / EVALUATION. ASSESSMENT OF COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS RELATING TO SAFETY STANDARDS LISTED ABOVE WAS PERFORMED BY MANUFACTURE.

SIGNED ON BEHALF OF XSTO CO., LTD.



SIGNATURE

TITLE

General Manager

PLACE

Zhongshan City, Guangdong Province, China

DATE

2023-06-20



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