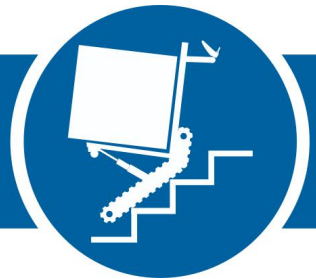


OPERATION MANUAL



POWERED STAIR CLIMBER

CT250/300/250A/300A

CATALOG

1 Symbols and safety instructions	1
2 Description	3
2.1 The structure.....	3
2.2 Technical data.....	4
2.3 Application fields.....	4
2.4 Technical Parameters.....	5
2.5 Dimension.....	8
2.5.1 CT250/300 dimension.....	8
2.5.2 CT250A/300A dimension.....	8
2.6 Standard Supply Accessories.....	8
2.6.1 CT250/CT300 standard supply accessories.....	8
2.6.2 CT250A/CT300A standard supply accessories.....	10
2.7 Installation instructions.....	10
2.7.1 CT250/300 installation instructions.....	10
2.7.2 CT250A/300A installation instructions.....	11
3 Operation	12
3.1 Check Before Using CT250/300/250A/300A.....	13
3.2 Usage of Control button.....	14
3.2.1 Usage of Control button for CT250/300.....	14
3.2.2 Usage of Control button for CT250A/300A.....	15
3.3 Adjustment of Handrail.....	16
3.6 Downstairs.....	22
3.6.1 Start the CT250/300/250A/300A stair climber.....	22
3.6.2 Initial position when down stairs.....	22
3.6.5 Going down to the last <i>THREE</i> steps.....	24
3.7 Turning operation on flat ground or platform.....	25
3.8 Parking.....	25
4 Maintenance	26
4.1 Battery pack.....	26
4.2 Exchange the fuse.....	30

4.3 Recycling.....	31
4.4 Precautions for care and use.....	31
4.5 FAQ.....	33
5 Packaging box and shipping instructions.....	34
6 Warranty and responsibility.....	36
6.1 Warranty.....	36
6.2 Responsibility.....	37

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 before operation.
- Store the CT250/300/250A/300A in an environment above 0°C for at least one hour before operation.
- Read the technical parameters carefully. Do not exceed the loading capacity.
- Only trained person can operate CT250/300/250A/300A. The operator should be in health both physically and mentally.
- When stair climber the machine is going up and down stairs, 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.
- Forbidden to reach underneath the load plate or touch the rotating part or crawler track with hand.
- Do not use the CT250/300/250A/300A in rainy, wet, snowy or icy condition which may cause failure of brake or side slip or other

potential dangers.

- Do not use CT250/300/250A/300A if the crawler track is broken.
- Do not use CT250/300/250A/300A on road that is slippery or with barrier.
- Do not use the CT250/300/250A/300A on the escalators or moving belts.
- Turn off the CT250/300/250A/300A 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 socket dry. Protect the charger and the charging cable from oils, diluents and items with sharp edges.
- Do not use high-pressure cleaning machine. 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 CT250/300/250A/300A 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



CT250/300 Heavy Load Powered Stair Climber

- 1: climbing/loading board control/automatic mode control switch 2: steel back support 3: aluminum alloy loading board 4: universal wheel 5: crawler track 6: Point switch 7: up or down stair/loading board opening or closing switch 8: battery slide 9: battery base 10: directional wheel



CT250/300 Heavy Load Powered Stair Climber

1: Control panel 2: retractable aluminum back support 3: length adjusting rope 4: aluminum alloy loading board 5: universal wheel 6: crawler track 7 : adjustable strap holder 8: battery slide 9: battery base:10: directional wheel

2.2 Technical data

This user manual is for CT250/300/250A/300A series ONLY

2.3 Application fields

This series of products are new type of stair climbers that can transport heavy goods to go up and down the stairs. It's ideal for application in the field of logistics, express service, house moving, large furniture and home appliances delivery as well as in factories, offices, residential buildings, outdoor stairs and other places.

2.4 Technical Parameters

Stair Climber CT250/300 Technical Parameters

Model	CT250	CT300
Size	Height: MIN 1100 mm,MAX 1500mm Width: 600 mm Length: 1030 mm	
Weight	Main Body: 59.5 kg Battery pack: 3.1 kg	
Capacity	250 kg	300 kg
Climbing speed (250/300kg)	20 steps/min	16 steps/min
Downstairs speed (250/300kg)	23 steps/min	19 steps/min
Battery capacity	100-130floors (1600-2000steps)	80-100 floors (1300-1600steps)
Folding form	Handrail retracted	
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	DC motor 24V 300W	
Electronic push	24V 250W 6000N	24V 250W 8000N

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

Stair Climber CT250A/300A Technical Parameters

Model	CT250	CT300
Size	Height: MIN 1155 mm,MAX 1530mm Width: 600 mm Length: 1030 mm	
Weight	Main Body: 63 kg Battery pack: 3.1 kg	
Capacity	250 kg	300 kg
Climbing speed (250/300kg)	20 steps/min	16 steps/min
Downstairs speed (250/300kg)	23 steps/min	19 steps/min
Battery capacity	100-130floors (1600-2000steps)	80-100 floors (1300-1600steps)
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, 17.5Ah	
Charging parameters	Input: AC100-240V; Output: DC29.4V * 4A	
Walking motor	DC motor 24V 300W	
Electronic push rod	24V 250W 6000N	24V 250W 8000N
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	

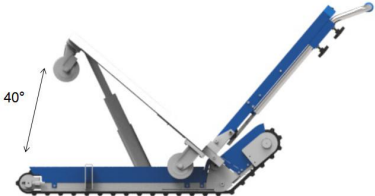
Note: CT250/300/250A/300A parameters are suitable for ambient temperature 25°C. In a low-temperature environment, the load and endurance will be reduced. If the low-speed mode is started, the endurance will be reduced accordingly. This product is recommended to be used within 1000 meters above sea level. 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 CT250/300/250A/300A.

2.5 Dimension

2.5.1 CT250/300 dimension



2.5.2 CT250A/300A dimension



2.6 Standard Supply Accessories

2.6.1 CT250/CT300 standard supply accessories



①

Main Body



②

Battery Pack



③






Charger, 24V
(for Lithium battery **Only**)



④

Safety Strap

2.6.2 CT250A/CT300A standard supply accessories


		
⑤ Main Body	⑥ Battery Pack	⑦ Charger, 24V (for Lithium battery Only)
		
⑧ Safety Strap	5 Strap Holder	

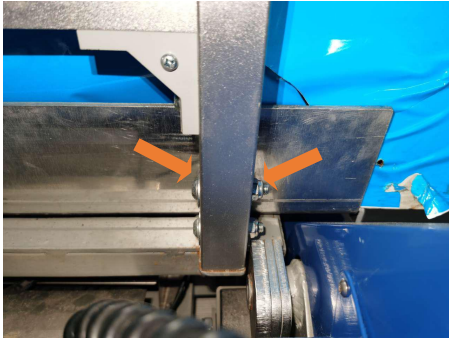
2.7 Installation instructions

2.7.1 CT250/300 installation instructions

	<p>Open the steel back support of the CT250/300 to vertical Angle.</p>
	<p>Secure the CT250/300 back support panel with plum knob. And plug the aviation plug with spring wire into the corresponding socket.</p>

2.7.2 CT250A/300A installation instructions

	<p>Insert the aluminum alloy vertical beam of CT250A/300A into the corresponding slot on the machine base.</p>
--	---



Install the alloy vertical beam in the installation position using the screws, gaskets and lock nuts.

Note: Use one gasket on both side of the screw and nut for installation.

3 Operation



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



Warning—Only trained person can operate CT250/300/250A/300A.



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 when upward and the first step when 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 CT250/300/250A/300A



Warning

Stop operation when the following issues occur and contact manufacturer or local dealer for CT250/300/250A/300A repair.

(1) The battery has been fully charged, but the Battery level display still shows low power.

(2) Press the Control button, and find the function is inconsistent with the user manual, or the function is in failure.

(3) The height of handrail cannot be adjusted or failure in locking.

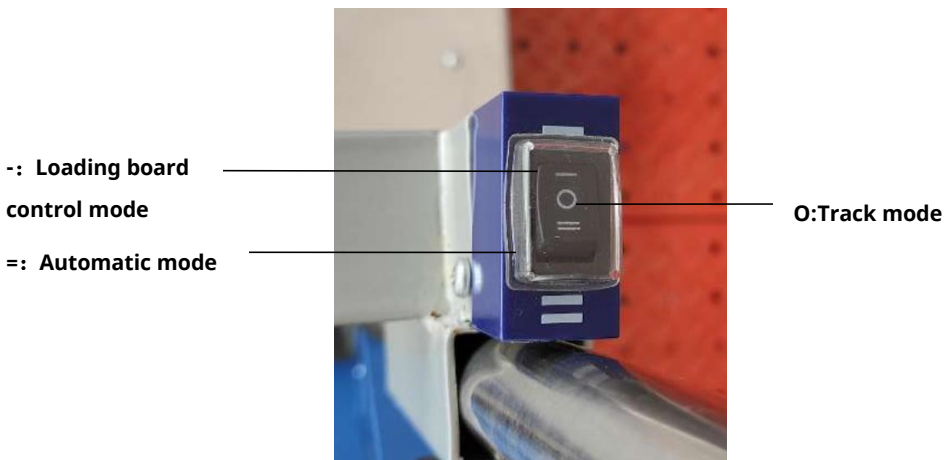
(4) Cracks and crevasses are identified on the crawler track, or the track deviates the gear during operation.

(5) CT250/300/250A/300A makes abnormal sound during functioning.

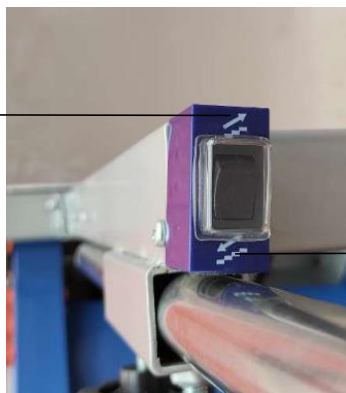
Please stop the CT250/300/250A/300A if there is any damage to the remaining parts or abnormal vibration of the machine which difficult to determine whether the machine can be used safely during functioning.

3.2 Usage of Control button

3.2.1 Usage of Control button for CT250/300

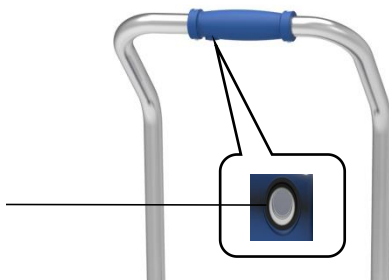


Downstairs Direction:
Caterpillar forward
(Downstairs Direction)
Close the loading board



Upstairs Direction:
Caterpillar backward
(upstairs direction)
Open the loading board

Point Switch



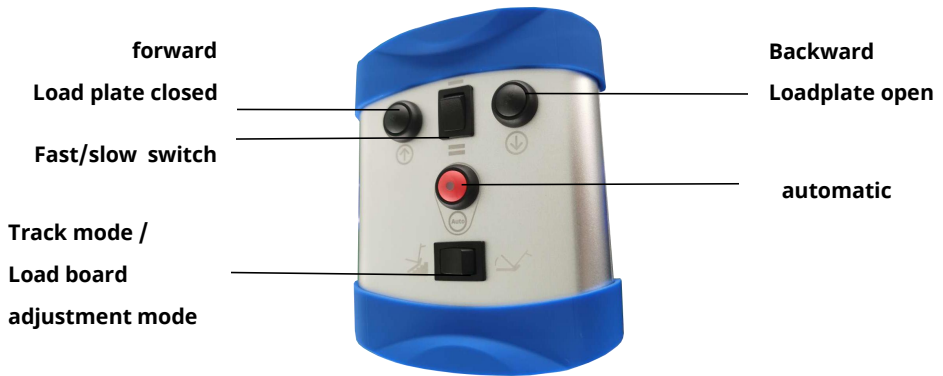
Automatic mode: Upstairs/Downstairs direction control track walking direction, in the process of walking and upstairs/downstairs loading plate Angle automatically maintain the existing Angle (horizontal Angle).

Track mode: Upstairs/Downstairs direction control track walking direction, in the process of walking and up and down the stairs, the load does not automatically adjust.

Loading board control mode: Control the movement of the electric push rod in the direction Upstairs/Downstairs (open or close of the loading board).

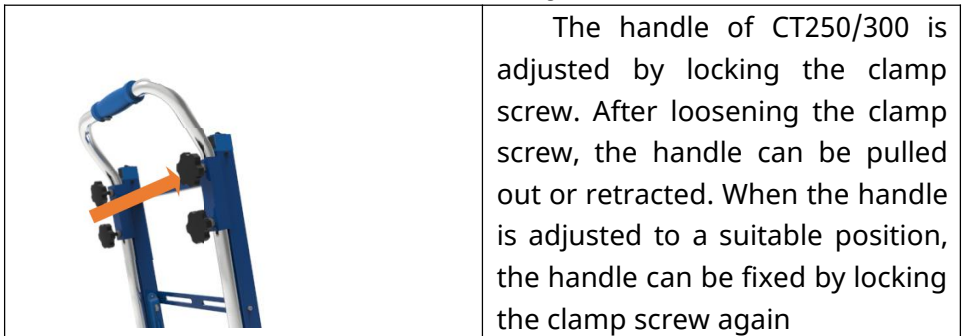
Point Switch: After the mode and direction are selected, touch the switch to realize walking, up and down the stairs, open and close the loading board.

3.2.2 Usage of Control button for CT250A/300A



3.3 Adjustment of Handrail

3.3.1 CT250/300 Handrail Position Adjustment



3.3.2 CT250A/300A Handrail Position Adjustment



The CT250A/300A has a rotating positioning body, which can be adjusted by loosening the L-type handle.

After adjusting the handle to a suitable position, the L-type handle is locked to complete the angle adjustment of the handle.

At the same time, by pulling the positioning pin, the back panel can be extended and retracted, and the height of the armrest can be adjusted.



The strap holder can be removed and installed at any height, suitable to fix goods of different heights.

3.4 Operate on Flat Ground

3.4.1 Operate on flat ground

The bottom of CT250/300/250A/300A 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



CT250/300/250A/300A 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 CT250/300/250A/300A can walk on flat ground with crawler tracks. Switch to the Loading board control mode, raise the loading board to an angle till the crawler tracks touch the ground, and then switch to the track mode and walk by the crawler tracks. This way is applied to short distance walk or on uneven road surfaces.



Note: crawler walking can only achieve forward and backward, can not achieve steering

3.5Go Upstairs

3.5.1Start the CT250/300/250A/300A 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.

3.5.2 Initial position



After confirming that the goods are firmly fixed, move CT250/300/250A/300A to the edge of the stair, and move both sides of the tracks close to the edge of the first step at the same time. Set CT250/300/250A/300A to the Loading board control mode through the switch button. After adjusting the goods to a safe Angle, set CT250/300/250A/300A to the automatic mode through the switch button and then set speed to gear 1, and use the crawler mode to go upstairs.

3.5.3 At every first 3 steps when going upstairs



⚠ The CT250/300/250A/300A will go up slowly before the tracks leave the ground completely. When CT250/300/250A/300A is in the automatic mode to automatically adjust the loading board Angle, the running speed of the track will be automatically reduced.

⚠ Note: if the Angle changes too large, operate the point switch only after the Angle adjustment is completed

3.5.4 Going upstairs smoothly



When CT250/300/250A/300A completely off the ground, the stair climbing machine can be continuously and smoothly move upstairs.

3.5.5 Climbing the last THREE steps of every stair



When the crawlers touch the edge of the last stair, it must be operated slowly. CT250/300/250A/300A must be set as the automatic mode through the model switch. When the center of gravity of the goods is about to reach the edge of the top stair, the CT250/300/250A/300A handrail should be gently pulled to find the

balance position gradually in which the CT250/300/250A/300A can be easily moved forward and back. When the CT250/300/250A/300A reaches the balance position, both hands shall hold the CT250/300/250A/300A handle, slowly pull the CT250/300A/300A forward a little bit, and keep the balance, so that the CT250/300/250A/300A automatically adjusts the Angle of loading plate, until the track is fully touch the loading plate.

Then use the point switch to move and complete the upstairs operation.



Warning: There is potential risk when CT250/300/250A/300A moves up to the highest stair on every floor. CT250/300/250A/300A 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 point switch needs to be controlled, and no other operation is needed.

3.6 Downstairs

3.6.1 Start the CT250/300/250A/300A stair climber



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



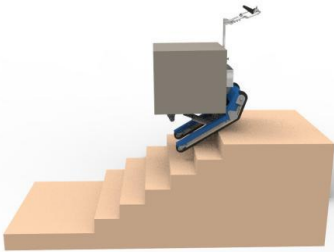
Note: Before turning on the battery switch, make sure the battery is inserted in the battery holder and the power cord is connected well.

3.6.2 Initial position when down stairs



Move the CT250/300/250A/300A stair climber to the edge of the platform on the stairs. Use the mode switch to set the CT250/300A /300A to automatic mode and use the crawler to go downstairs.

3.6.3 At the beginning of going downstairs



Move CT250/300/250A/300A slowly, and when the Gravity center of cargo is about to reach the edge of the top stairstep, gently push the CT250/300/250A/300A handrail, gradually find the balance position, until the CT250/300/250A/300A can be easily moved forward and back. When the CT250/300/250A/300A reaches the balance position, hold the handle with both hands, push the CT250/300A /300A slowly forward and keep the balance, make the CT250/300A /300A automatically adjust the Angle and turn the base of the stair climber slowly downward until the CT250/300/250A/300A crawler is in contact with at least two steps of stairs.



Warning: There is potential risk when CT250/300/250A/300A moves on the highest stair. CT250/300/250A/300A 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.

3.6.4 Going downstairs smoothly

When the CT250/300/250A/300A has completely left the edge of the




stairs on the platform, the stair climber can be smoothly downstair.

3.6.5 Going down to the last **THREE** steps



When CT250/300/250A/300A reaches the last three steps of the stair, set CT250/300/250A/300A to automatic mode and slowly descend when the track is in contact with the platform under the stair.

 Note: if the Angle change is too large, the point switch should be moved after the Angle adjustment is completed, and then the next step of the point operation



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 point switch needs to be controlled, and no other operation is needed.

3.7 Turning operation on flat ground or platform

Switch the stair climber to the load board adjustment mode, operate the point switch, close the loading board, and make the wheel landed on ground completely. Then it can be moved on flat ground. When the steering is complete, follow the above instructions for moving up or down.

3.8 Parking



NOTE—Turn off the power switch of the battery after each use! Remove the battery if the machine will not be used for a long time.



When parking, ensure that CT250/300/250A/300A is stored on the horizontal ground, press down the front universal wheel brake, stable and non-shaking. If there is any possibility of CT250/300/250A/300A sliding on the storage ground, adjust the loading plate angle to make crawler landed to avoid machine slipping.

4 Maintenance

4.1 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

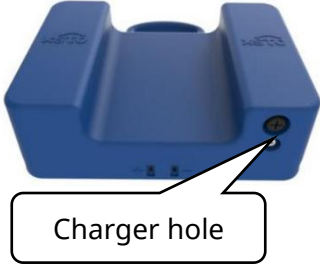



Notice-new battery reach its full capacity after several charging.



1、 Turn off the main switch. Remove the battery in the arrow direction shown in the picture.

Note: The fuse holder is located below the battery case. 6*30mm, Spec: 40A. The charging socket is located under the battery.

 <p>Charger hole</p>	3. Connect the charger
	4. Please follow instructions when charging.



NOTE: Don't start CT250/300/250A/300A while the battery is in charging.



4.1.1 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 dissembling 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	charger Input 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 loosen; 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 \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.
- *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.

4.2 Exchange the fuse



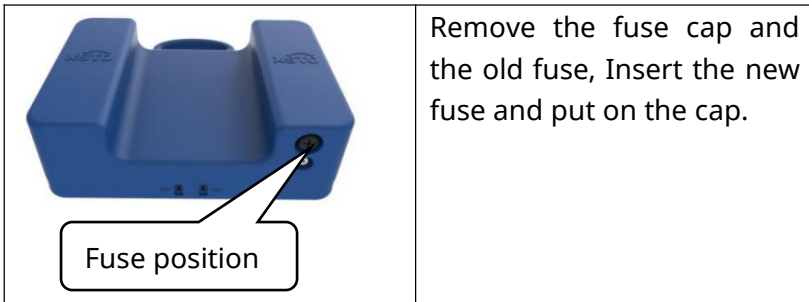
CAUTION - Before exchanging the fuses, disconnect the charger /charging cable for the car!



NOTE - Never mend or bridge defect fuses!



NOTE - Replace them with fuses of the same amperage!



4.3 Recycling

CT250/300/250A/300A 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 CT250/300/250A/300A in an environment above 0 ° C for at least one hour before the initial operation.
- * Do not exceed the load capacity.
- * Only trained personnel are allowed to operate the CT420.
- * Wear non-slip shoes. Must be operated with both hands.
- * Practice without load in 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 CT420 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 [$\frac{\text{Continuous Operating Hours}}{\text{Continuous Operating Hours} + \text{Continuous rest hours}} \leq 20\%$], 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.

4.5 FAQ

Q1: Where can the CT250/300/250A/300A be used?

A1: The CT250/300/250A/300A is a versatile all-terrain intelligent handling device, suitable for inside buildings, inside factory, and in some outdoor environments.



Note: CT250/300/250A/300A is not allowed to be used on wet roads and on water surface.

Q2: Can the CT250/300/250A/300A be used in rainy days?

A2: The IP rating of CT250/300/250A/300A is IP54, which has the ability of dust and splash proof, but it cannot be used in rainy days and water.

Q3: Can the CT250/300/250A/300A handle all heavy loads?

A3: CT250/300/250A/300A is an all-terrain intelligent handling equipment with a rated load of 200/250kg and a maximum load of 250/300kg. Transporting goods exceeds 250/300KG will cause damage to CT250/300. In addition, the gravity center of goods should be located within loading plate, the load capacity should be reduced when gravity center of goods reaches edge of loading plate. It's not allowed to carry goods with CT250/300 when gravity center of goods is out of the loading board.



Note: CT250/300/250A/300A should be used within the rated load range when the CT250/300A is running for a long time.

Q4: How long is the CT250/300/250A/300A lifespan?

A4: The CT250/300/250A/300A 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 vulnerable parts).

Q5: How long does the CT250/300/250A/300A last when the

battery is fully charged?

A5: The CT250/300/250A/300A has a range of 100-130 floors (1600-2000steps)/80-100 floors (1300-1600steps) after each full charge.



NOTE: If the CT250/300/250A/300A is parked for more than one week, it should be recharged before use.

Q6: Can anyone use the CT250/300/250A/300A?

A6: CT250/300/250A/300A is a heavy-duty handling equipment which requires skilled operation skills. People with no qualifications are not allowed to operate the machine.

Q7: CT250/300/250A/300A lithium battery cannot be charged.

A7: Check if the fuse of the CT250/300/250A/300A 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.

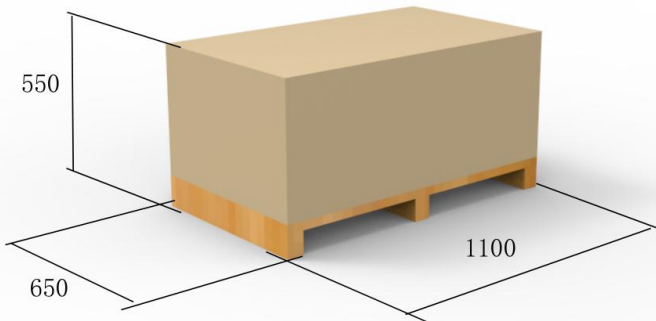
5 Packaging box and shipping instructions

5.1 Package composition and storage

The packaging of the CT250/300/250A/300A 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 CT250/300/250A/300A can only be stored in a way that the carton is stacked on the pallet. The CT250/300/250A/300A box can bear two layers of stacking. Stacking of CT250/300/250A/300A packaging must be carried out by using forklifts or special stacking equipment. Manual handling is prohibited. When stacking the CT250/300/250A/300A 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 force majeure.
- 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 CT250/250A/300/300A 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 CT250/250A/300/300A
- Deliberately dismantle the configuration of CT250/250A/300/300A
- 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.