

9 AFTER-SALES AND WARRANTY SERVICES

9.1) Maintenance should be maintained by professionals, do not disassemble, transform and repair themselves.

9.2) After-sales service: The product implements three guarantees according to national regulations, the frame warranty period is two years, and the motor, battery and control board warranty is one year. Outside the warranty period, the company provides accessories, products for life service.

9.3) Track, front and rear wheels, seat cushions, backrest, headrest, seat belt and head retainer are consumables and are not covered by warranty.

9.4) The manufacturer reserves the right of final interpretation of this product.

After-sales service unit:

Address:

Zip Code:

Contact:

Tel:

10 BASIC PRODUCT PARAMETERS

category	argument
Body material	High strength aluminium alloy
castor	Front wheel :4 inches Rear wheel :5 inches
Seat, backrest	Environmental protection ABS
Expanded dimension reduction	73*48.5*102~148(cm)
Approximate folding size	102*48.5*31(cm)
Track frame Angle	0°、16°、21°(±2°)
Maximum deadweight	Up to 150 kg
The battery is fully charged	About 1000 steps
battery	24V、8Ah
Stair turntable dimensions	90*90cm
Product net weight approx	22KG(±1Kg)
Gross product weight approx	Corrugated paper:27Kg(±0.5Kg)

This product is splash-proof but not submersible,do not use outdoors in rain or snow.

This product is used away from humidity, fire and other environments.

INSTRUCTION MANUAL

Stair Climber WY-236



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PLEASE READ THE INSTRUCTIONS AND PRECAUTIONS CAREFULLY BEFORE USE

7 MATCHING LIST

7.1 Check whether the contents are complete according to the contents of the packing list, and check whether WY236 and accessories are in good condition (see Table 5 for the list). If there is any damage, do not use it and contact after-sales service in time.

Serial number	name	unit	quantity
1	Product specification	Copy of the	1
2	charger	Copy of the	1
3	WY-236	a	1
4	Safety belt	Set of	1
5	headrest	a	1

Table 5

8 BATTERY INFORMATION AND CHARGER PARAMETERS

- 8.1) Battery voltage: 24V Capacity: 8AH Charging time: 4h
- 8.2) Use time after full charge: 1.5h (up and down 60-70 floors)
- 8.3) Battery life: charge and discharge 600-700 times.
- 8.4) There is a power display button above the battery. Turn on the switch on the back to display the battery power. Please charge when there is only one light. See Figure 3 for details



Figure 3

- 8.5) Do not use metal, liquid, etc. near the battery charging port. Do not touch the battery with sharp objects.
- 8.6) If the battery is not used for a long time, it should be removed from the car and recharged (at least once a month).
- 8.7) Turn off the battery switch after charging.
- 8.8) Charger parameters:
 - 8.8.1) Input: 100~240V, 50/60Hz, 2.0A Output: 29.4V, 2.0A
 - 8.8.2) The charger should be checked regularly, away from oil and other liquids, do not use in a humid environment.
 - 8.8.3) Please do not disassemble or change the charger yourself, and contact the dealer or manufacturer if there is a fault.
 - 8.8.4) Do not use this product when the battery is charging.

4) When going down the stairs: push the stair climbing machine forward, so that the walking wheel at the front and bottom is close to the first step facade, then it is ready to go down the stairs, turn on the battery power switch, adjust the Angle of the track device according to the operator's personal operation habits, step down the thick bar of the track frame with your feet, and tilt the stair climbing machine slightly with your hands to make the track contact with the ground. Open the power switch button of the telescopic rod, press the downstairs button, the climbing machine can go downstairs, release the downstairs button, the climbing machine will stop the downstairs action. When the belt of the stair climbing machine contacts the ground, release the downstairs button, stop the motor rotation, and upright the inclined stair climbing machine, you can use the walking wheel to move on the platform in the middle of the stairs.

5 PRODUCT MAINTENANCE AND MAINTENANCE

This product will appear in the use of screws loose, wearing parts wear, for the safety of customers, please check and maintain regularly, see Table 4

Category	Common situations	Check item	Treatment method
electric breakdown	The power button of the operating box is not available Reaction (screen not displayed)	1. Check whether the battery switch is on 2. Check whether the LED of the control panel in the control box is bright 3. Check whether the cable in the control box is disconnected	1. Turn on the battery switch 2. Replace the battery rewire
	Operation box LCD screen display, But nothing up and down the stairs	1. Check the spring wire (the thinnest wire) 2. Check the LED lamp bead of the control panel in the control box (continuous Blinking once: Blocked and diverted for two consecutive times: undervoltage protection Three consecutive times: Hall failure)	1. Reconnect the spring cable terminal 2. Gridlock: Check the motor brake Wire or replace the motor 3. Undervoltage: the battery is out of power, replace it battery Hall failure: Replace the motor (for brushless motors)
	Track movement is abnormal	1. Check whether the track wheel is stuck with foreign bodies 2. Check whether the transmission gear is worn (need to disassemble) Check motor	1. Remove foreign bodies and Replace track and track wheel 2. Replace the gear or motor
drive breakdown	1. Track deviation 2. The track is seriously worn and broken	1. Track deviations 2. The track is seriously worn and damaged	1. Slack: Retighten the track 2. Replace the synchronization wheel or Caterpillar belt
movement breakdown	1. Front wheel sway, forward, down There are abnormal sounds 2. Rear wheel lock or abnormal sound	1. Check whether the front wheel is damaged or the screws are loose 2. Check whether the rear wheel bearing is damaged or the brake breakdown	Replace the corresponding accessories
fold breakdown	Track rack, handle tube, seat Folding and locking, opening Hold or have resistance	1. Check whether the seat folding button is normal 2. Check whether the plastic parts are damaged	1. Replace the spring and corresponding accessories Refastening fittings 2. Moisten moving parts grease
other	Joint screw Loose, Caton	Check connection screws	Replace or tighten

* If other anomalies or faults occur, do not handle them by yourself. Consult professionals, dealers, and the technical department of the manufacturer.

6 PACKING AND SHIPPING

6.1) Packaging: WY-236 electric climbing machine is packaged in corrugated/honeycomb cartons

6.2) Transportation: The packaged WY-236 can be transported by general means of transportation, but it should be prevented from severe impact and vibration during transportation, and it should be protected against moisture and rain.

1 PRODUCT OVERVIEW

- Product name: Stair Climber
- Specification Model: WY-236



2 PRODUCT USE, MAIN COMPOSITION STRUCTURE

2.1 Product use

This product is for trained caregivers to use up and down stairs to transport patients, the elderly and other people with mobility difficulties, this product adopts double track track structure, stable and safe transport patients. This product is suitable for residential, residential, public places without elevator, and the staircase Angle does not exceed 40° (limit Angle 45°).

2.2 Main component structure

The specific structure number is shown in Figure 1 and the name is shown in Table 1.

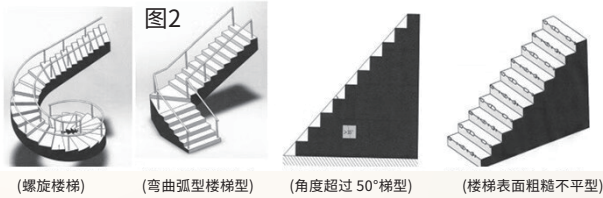


1. Pull rod	2. Front handrai	3. Cushion plate	4. Slider tube
5. Foot pedal tube	6. Front wheel	7. Rear wheel	8. Rear foot brake
9. Control box	10. Operation box	11. Rear handle	12. Pull rod limit knob
13. Backrest plate	14. Crawler belt frame folding plate	15. Crawler belt	16. Lithium battery
17. Brushed motor --24V	18. Safety belt.		

Figure 1 Schematic diagram of WY-236 electric climbing wheelchair

3 WARNINGS AND REMINDERS

- Before installing or using the product, the user shall be guided and trained by technical personnel (dealers and manufacturers), strictly follow the operation instructions and carefully read the "Operation Manual of the Product", and carry out actual operation. Only after the technical personnel confirm the operation is correct, can the user independently use the product.
- This product is not allowed to use spiral stairs, curved stairs, inclined plane with an Angle of more than 45° or greater slope, nor can it be used on the surface of stairs with oil, water and other lubricating liquid and stair paving carpet (carpet is not fixed) (Figure 2).
- This product is limited to one person (no more than 150KG), please wear a safety belt when using, do not overload to avoid danger.
- before using this product must be related to check (track open structure, seat down structure, folding structure, handle of each joint is strong, etc.)
- The battery of this product has a protection board, please use the original battery to avoid danger.
- The battery of this product needs to be charged by the original charger in a dry environment.



*Matters needing attention
3.7 This product is recommended for men to operate, women are recommended to operate two people, the elderly or infirm prohibited operation.
3.8 The operator shall not release the pull rod with both hands. Non-product mechanical reasons, the operator does not follow the instructions and prompts to operate resulting in personal injury consequences.
3.9 During operation, the pull rod should be pressed to keep the product balanced.

- 3.10 Before the actual manned operation, the car can be empty or loaded to practice the use of skills.
3.11 If the operator is not skilled or cannot use the product completely alone, the handle tube can be pulled out and an auxiliary person is equipped in front of the car to ensure the balance of the car body.
3.12 In the process of use, the car body should be parked on the slope of the stairs, and the track should be pressed on the three steps at the same time to ensure the balance and stability of the car body.
3.13 This product is only for the trained and actual operation personnel to use, please read the manual carefully before use.
Non-product mechanical reasons, the operator does not follow the instructions and prompts to operate resulting in personal injury consequences.
3.14 Stair steps with oil, ice, water and other phenomena should not use this product.
3.15 Pay attention to the rear of the operator during climbing and the front of the operator during descending.
3.16 Do not leave the product during transit except for emergencies. If the passenger weighs more than 80Kg, it is recommended to add an auxiliary person to pull out the handle tube and gently hold the handle tube.

4 UNPACKING INSPECTION AND USE METHOD

4.1 Unpacking inspection and use

4.1) Open the packing case (see Table 2 for details), and carefully count the items according to the packing list attached to the instruction manual. See table 3 for the list.

1. Open the packing case and check whether the product is in good condition and accessories are complete.		4. Whether the track frame opens smoothly (Note: Press "Component 17")	
2. Whether the seat folds and opens normally (Note: pull "Component 4")		5. Whether the handle is pulled out and withdrawn normally (Note: press "Component 5")	
3. Pull out the rod and check whether it can be recovered normally (Note: Rotate "Component 13")			

4.2 Safety check before use

1. Power check: Install the battery on the car and turn the key lock, open the switch behind the battery, check the battery power indicator (four indicators, three green lights, one red light), when the red light indicates that the power is insufficient, please charge and use.		3. Check whether the brake works, release the track and stop the action	
2. Check the operation box panel, upstairs and downstairs is normal (upstairs: ▲ downstairs: ▼ Fast speed: + Slow speed: - control board power: ⏻)		4. Check that the seat belt and joints are tight	
		5. Check whether the track is too tight, too loose (calibrated before delivery), damaged, track frame deformation, etc	

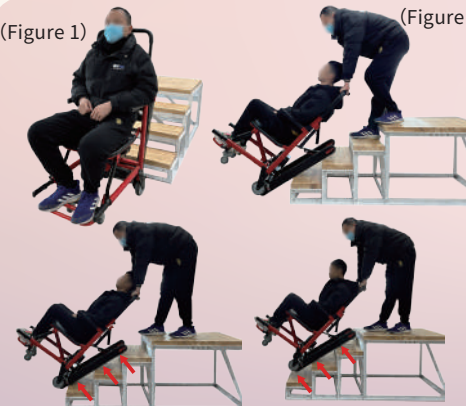
The safety check is detailed in Table 3

4.3 Usage method

• Operation details of upstairs and downstairs

- a. Expand the stair climbing machine to the shown state, ensure that the battery power is on, and adjust the pull rod to the appropriate height.
- b. Adjust the attitude of the stair climbing machine and adjust the track to the stair step the edges are vertically centered when the rear wheel edges are away from the stairs 30cm-40cm time; Stand on the second step with your left foot Up, step down with your right foot on the ladder lever and pull the lever pull inward until the track touches the foot of the staircase.
- c. Press the power button of the climbing machine to start, exert a little force in the vertical direction of the Angle of the stairs, and press and hold the upstairs button synchronized upward movement with the speed of the climbing machine.
- d. If you need to stop going upstairs, release the upstairs button. note Meaning: When the track contacts less than 3 steps at the same time, it must be toward the building The vertical Angle of the ladder should be pushed down slightly to prevent climbing The machine leans forward.
- e. When you reach the last step, hold the rod with both hands until it is not low Press and hold the upstairs button on the operator's chest, slowly Pull the climbing machine to the ground.
- f. When the front wheel of the stair climbing machine enters the flat, release the upstairs button, right Step on the horizontal bar of the climbing device, and slowly lift the pull bar upward to level Gently release to level ground.
- g. Hold the rear handle and push the elevator to the next stairway.
- h. Repeat steps b-g.

(Figure 1)



(Correct illustration)

(Incorrect illustration)

(Figure 2)

• Technical essentials of climbing stairs

- 1) During the upstairs process, the operator should always pull back smoothly with the appropriate force, and it is recommended that the operator master the essentials according to the step before letting the passenger ride.
- 2) Turning: When the stair climbing machine runs to the stair landing, loosen the upstairs switch, adjust the stair climbing machine to the horizontal position, so that the four wheels of the stair climbing machine land, and then you can turn the platform in the middle of the stair, and then carry out the subsequent upstairs operation.
- 3) Emergency stop on the stair surface: the operator needs to stop on the stair surface during the upstairs or downstairs process for special reasons, you can release the upstairs and downstairs button, and hold the telescopic rod with your hand. The temporary stop must ensure that the track is in contact with at least 3 steps at the same time.