

GLOBEX[®]

EVACUATION SOLUTIONS
RAISING AWARENESS – IMPROVING STANDARDS

USER MANUAL FOR THE GLOBEX STAIR CLIMBER



**CERTIFICATED GLOBEX OPERATOR TRAINING
MUST BE PROVIDED BEFORE USE**

USER MANUAL FOR GLOBEX STAIR CLIMBER

Brief Introduction

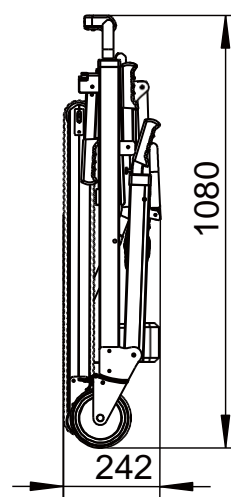
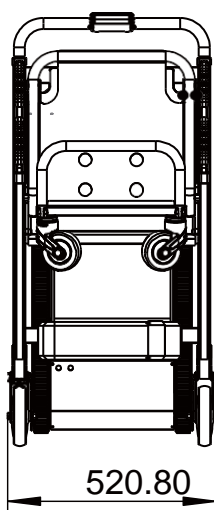
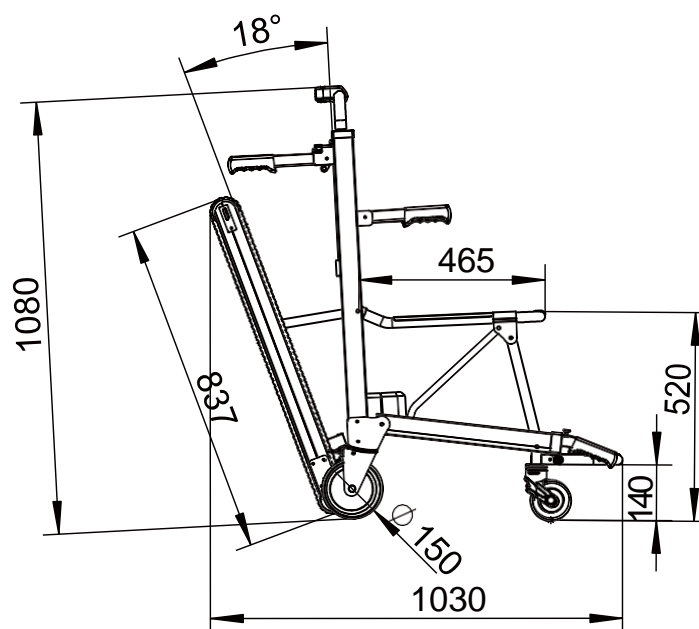
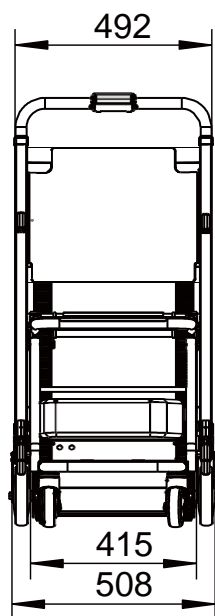
The Globex Stairclimber meets ISO 7176-28:2012 standard and is powered by a lithium-ion battery and driven by motor it can transport mobility impaired persons up and down stairs easily.

Specifications

- Telescopic gripping frame height: H108cm, H127cm, H146cm and H164cm
- Chair size: 108*52.1*103cm
- Seat size: 49*42.5cm
- Seat height: 50cm
- Telescopic front handles length: 15cm,35cm
- Rear lifting handles length: 26cm
- Foldaway size: L108*W52.1*H24.2cm
- Load capacity: 180kg
- Rubber-track belts' angle: 30°
- Net weight: 34kg
- Charger weight: 0.4kg
- Working power: AC 100-240V 50/60Hz
- Motor: DC 200W
- Battery: 24V / 13.2Ah
- Package size: L115*W58*H32cm/Wooden box
- Gross weight: 46kg

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Dimension Diagram



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Components



- 1 Adjustable & removable headrest
- 2 Front handles
- 3 Safety belt
- 4 Support bracket
- 5 Foot rest
- 6 Telescopic front handles

- 7 Button for front handles
- 8 Battery
- 9 Keys
- 10 Track belt
- 11 Rear carrying handles
- 12 Button for rear carrying handles

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- | | | | |
|----|------------------------------------|----|------------------------|
| 13 | Control panel | 19 | Motor protection cover |
| 14 | Red bar for locking handle | 20 | Brake |
| 15 | Top bar for leaning chair backward | 21 | Rear wheels |
| 16 | Red bar for restoring track belts | 22 | Brake release pedal |
| 17 | Red pedal for opening track | 23 | Front wheels |
| 18 | Lower bar leaning chair backward | 24 | Adjustable frame |

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Battery Charging

The battery charger should be tested portable appliance tested prior to use and as required thereafter in accordance with local guidance and any inhouse policies.

Battery technical details can be found on the battery



Connect the DC power adapter **a1** to the battery charging port **a3** (connect the other end **a2** to wall socket) to charge, and make sure the battery is fully charged before using the stair climber. When the indicator lamp **a4** on the battery turns green from red, it means that the battery is fully charged.

The charger recharges the battery to 100%.

As soon as the charging process is completed, it switches to a retaining mode to avoid overcharging.

- * If the battery is less than 25%, charging is required.
- * If the battery is not fully 100% charged, it needs several cycles of charging and discharging to achieve its maximum storage capacity.

Please do not disassemble or modify the charger.

Please make sure that the charger is not exposed to humidity while charging the battery. Never touch the plug with moist hands.

- * When finish charging, remove the input 240V AC plug, then the output plug. The battery should be charged after each use and can be charged on or off the chair.
- * The battery should be checked and charged prior to use and at least every 2 weeks.

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Installation

The slot on the inner side of the battery must align with the guide rail, Push the battery along the guide rail arrow direction **b1** until it clicks in to place. Turn the key clockwise **9** 180° to lock the battery onto the chair.

Removal

Turn the key anticlockwise **9** 180° push the battery forward along the direction **b2** to unload the battery.

Remaining Capacity Inspection

Press the button in the middle, there are four red lights, each one means 25% capacity, please do not use STAIRCLIMBER when there is only one red light before charging to full.

- * lithium-ion battery is a consumable product.
- * When it displays low power or undervoltage, charging is required.

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Preparing to use the STAIRCLIMBER

Deployment

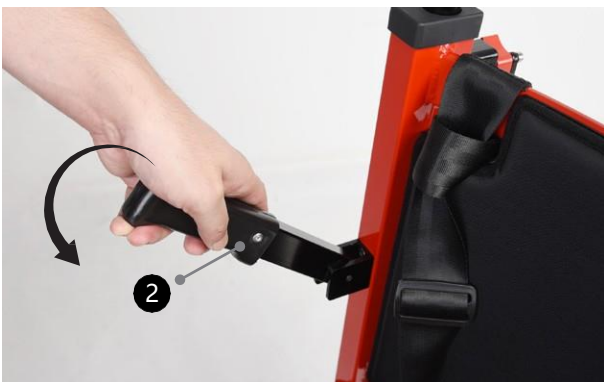
Open the pedal as shown



Open the chair as shown



Open the armrests as shown



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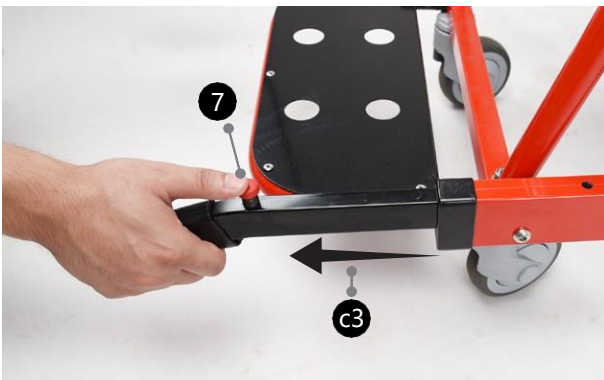
Deploying the carry handles

Open the rear handles as shown if required until they lock in to position



Expand the telescopic front lifting handles:

Press the red button and pull the handles in the direction of the arrow until they lock into position



To release the tracks:

Depress the red locking pedal



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Closing

Fold the armrests:

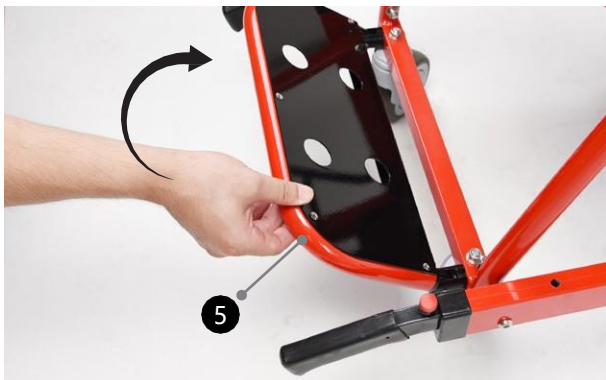
Fold the armrests up as shown



Grip the seat by one hand and the frame with the other, depress the foldaway support bracket then after the bracket is out of the locking position fold up the seat.



Fold the pedal up as shown



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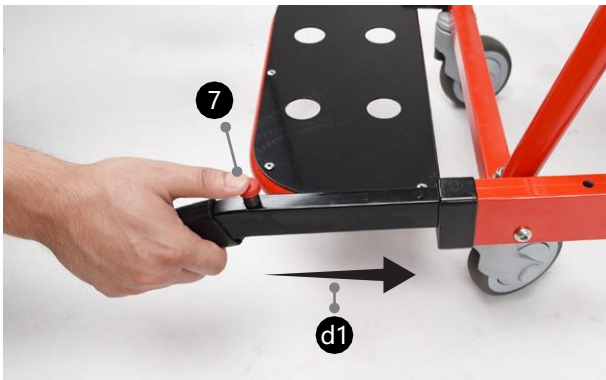
Fold lifting handles:

Press locks and fold the handles down

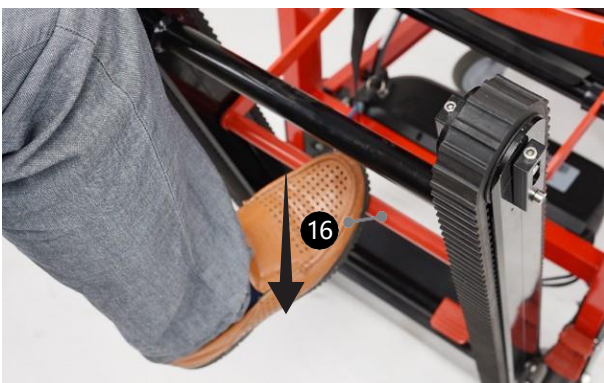


Fold the front lifting handles:

Press the red button and push the handles into the frame



Storing the the track belts: Depress the red bar downwards



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Adjust Telescopic Grip Frame



When the chair stands deployed, keep the telescopic frame at the lowest position



When going upstairs or downstairs, the operator must adjust the height of the telescopic grip frame close to the operator's shoulders height.

To pull up:

Press the red locking bar inwards and pull the handle up to suitable height, then release the locking bar until the handle locks at a suitable height.

Lower the handle:

Press the red locking bar inwards, and lower the handle down to suitable height, then release the locking bar until the handle locks at a suitable height.

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Headrest And Safety Belt



Headrest:

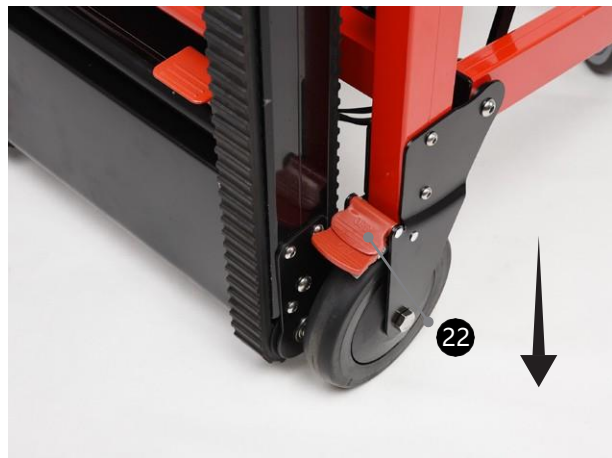
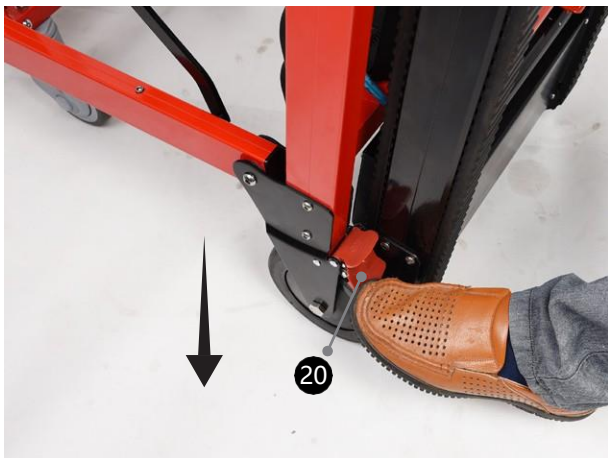
Adjust and fix the headrest to suitable height with strap according to the passenger's height.

Safety belt:

After the passenger is seated, adjust safety belt and fix it as shown if required.

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Brakes



Before folding the chair, you should press the brake pedal.

Lock: Press the brake pedal 20

Release: Press 22 to unlock.

Control Panel



As shown

Top row from left to right: go downstairs, power, lighting, go upstairs.

Bottom row from left to right: increase and decrease speed

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Power-On

Turn on the battery switch as shown **f1**

Press the POWER button, the display LED is on, and remaining of the battery is displayed.

Power-Off

Press the POWER button, the battery monitor background lights off.

Turn off the battery switch as shown **f2**



Light

Press the LIGHT button: The display LED is on.

Re-press the LIGHT button: The display LED is off.

Climbing Upstairs

Upstairs: Keep pressing the UPSTAIRS button.

Pause or Stop: Release the UPSTAIRS button.

Climbing Downstairs

Downstairs: Keep pressing the DOWNSTAIRS button.

Pause or Stop: Release the DOWNSTAIRS button.

Wheelchair use, Going Upstairs and Downstairs

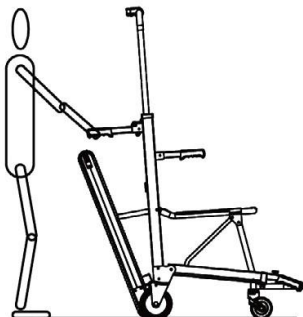
- * Before using STAIRCLIMBER, Please be sure that you have been properly trained and familiar with the operation of the chair.
- * You may only be permitted to transport ONE person each time.
- * Please practice climbing stairs without a person on the chair at low speed.
- * Before using the chair please check remaining of the battery and the track belts.

Wheelchair use

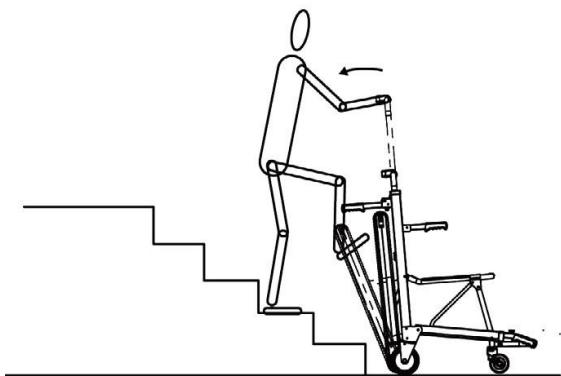
Release the brakes, grip the rear lifting handles, and push STAIRCLIMBER forward or backward.

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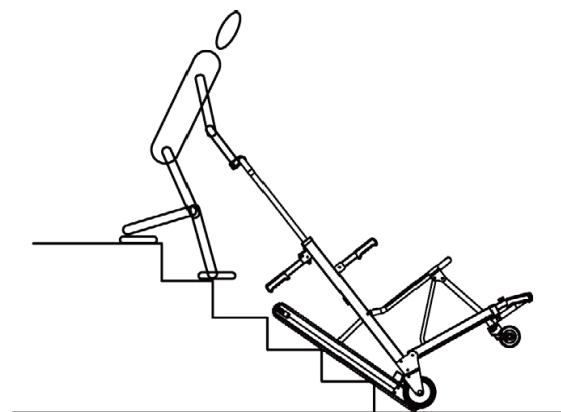
Climbing Upstairs



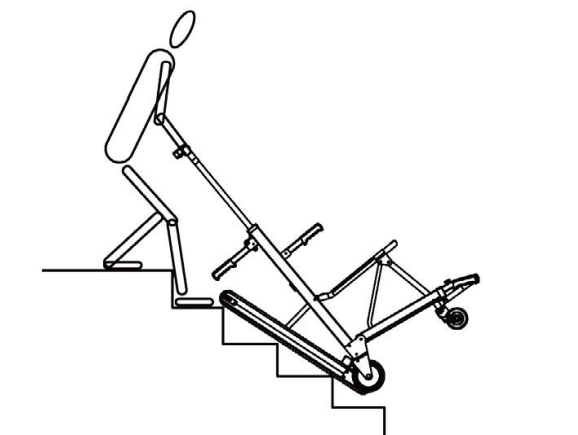
Deploy STAIRCLIMBER as shown, be sure the battery is switched on, adjust the telescopic gripping frame to suitable height.



Adjust the distance (30- 40cm) between the rear castors and the staircase slowly tilt the handle back until the track belt lean on the stair steps as shown.

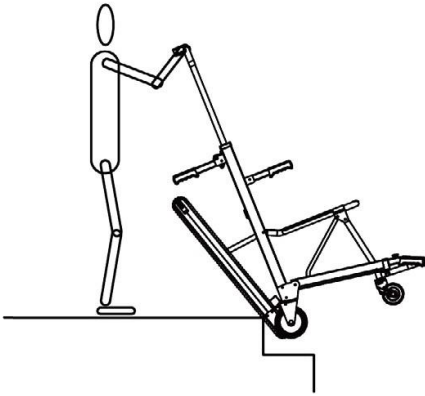


Press POWER button to start lifting the chair, meanwhile press the gripping frame a little to make the track belts cling to stair steps. Continuously press the UP button and move up on the stair at the same time.

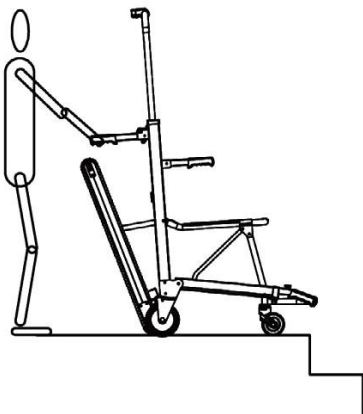
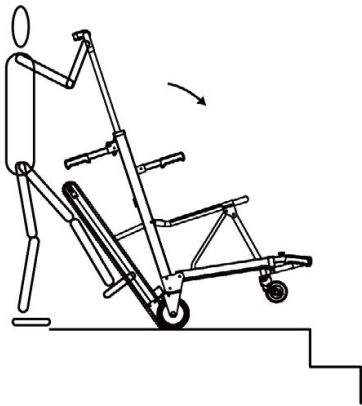


If need to pause or stop, release UP button. Note: when the track belts lie on one or two stair steps, make sure to press the frame downwards to avoid STAIRCLIMBER leaning forward.

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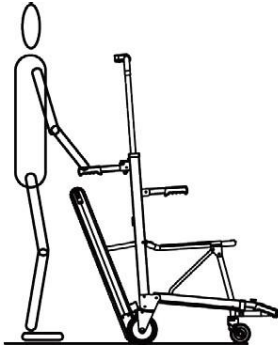
When all the wheels reach the staircase landing, release the UP button, grip the handle and slowly lean forward to make four wheels stand on the ground.



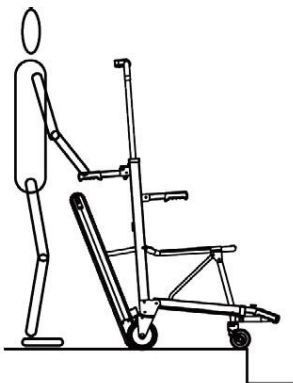
Grip the rear lifting handles push STAIRCLIMBER to next location.

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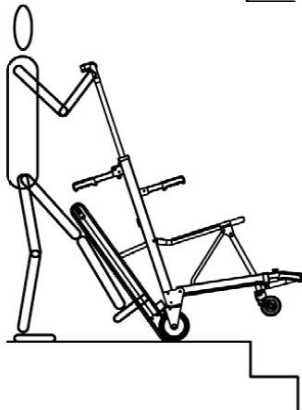
Descending stairs



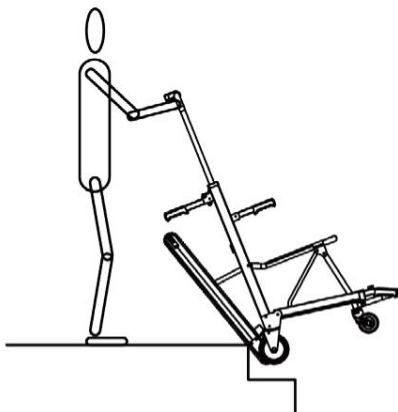
Deploy STAIRCLIMBER as shown; make sure that the battery switch is on, adjust the telescopic frame to suitable height.



Push STAIRCLIMBER to staircase, adjust the chair and make the track belts at the middle of the staircase.

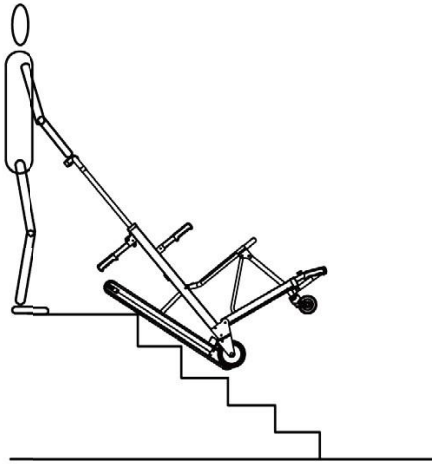


When the front wheels reach the staircase edge, tilt the chair backward until the track belts on the floor as shown, then press the DOWN button.



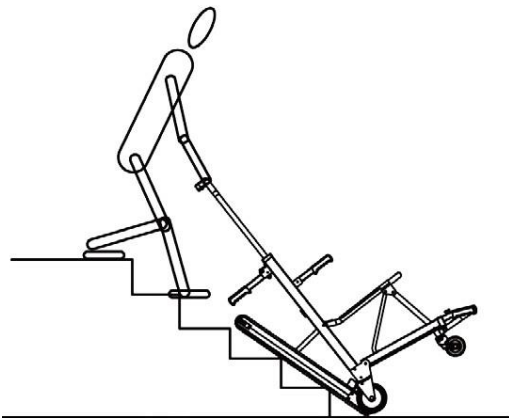
After the belts pass the first stair step, adjust STAIRCLIMBER slowly to let the belts cover two/ three steps along the staircase angle,.

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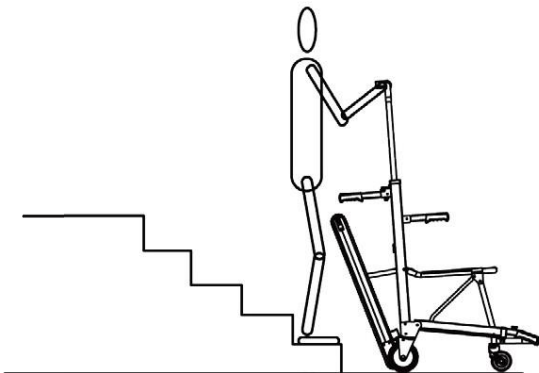


If need to pause or stop, release DOWN button.

Note: when the track belts cover one or two steps, press the handle downwards a little to avoid STAIRCLIMBER leaning forward.



When the track belts reach the floor at the bottom of the stairs release the DOWN button, then slowly tilt the chair forward until the four wheels stand on the floor.



Grip the rear lifting handles **11** , push STAIRCLIMBER to next location.

Contact us or our distributors if you have any questions or require assistance.

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