

EVAC+CHAIR®

Emergency Evacuation For Everyone

USER GUIDE

EVAC+POWER 1000H



IMPORTANT INFORMATION

1. Your Evac+Power 1000H should only be used by certified trained operators.
2. Training on your Evac+Power 1000H should be conducted in line with Evac+Chair guidelines, as detailed in this user guide.
3. Our Operator and Key Trainer courses should be undertaken every 3 years, to ensure competency using the Evac+Power 1000H.
4. Ensure training records are maintained and up to date (see training record on page 4).
5. Quarterly practice with your Evac+Power 1000H is recommended, to ensure staff remain trained and competent.
6. Quarterly inspection of your Evac+Power 1000H is recommended, to ensure the integrity of the chair is maintained (see page 42 for information).
7. We recommend two-person operation for higher payloads.
8. We offer service and maintenance contracts for your Evac+Power 1000H (see page 39 for more information). Only approved service and maintenance partners are endorsed by Evac+Chair International to carry out servicing and replace worn or broken parts, with genuine replacements. Should a third party, not approved by Evac+Chair International, carry out any services or maintenance this will invalidate your warranty.
9. Only genuine Evac+Chair parts should be used when maintaining your Evac+Power 1000H.
10. To ensure optimal performance of your Evac+Power 1000H, rotate the Powered Belt Tracks and charge the battery every 3 months.



WARNING: In the event of a gas leak, do not use the Evac+Power 1000H or any other electrical equipment.

WARRANTIES & LIABILITIES

The Evac+Power 1000H is guaranteed for 5 years against defective material and workmanship. This does not include parts subject to wear, such as Powered Belt Tracks, batteries, chargers or damage caused by abuse, misuse or sabotage, and/or other damage which has occurred due to a breaching of the guidelines detailed within the user guide or in our training manual. This includes getting your Evac+Chair serviced by a third-party company.

The battery included with the Evac+Power 1000H is guaranteed for 1 year against defective material and workmanship. This does not include damage caused by abuse, misuse or sabotage.

Neither the manufacturer nor their agents shall make recompenses for repairs carried out by third parties or be liable for any damage, either incidental or consequential to property or persons. If you, the customer, are dissatisfied with the product or service provided by Evac+Chair International, please contact our Customer Experience Team on +44 (0)121 706 6744 or enquiries@evacchair.co.uk. Alternatively, contact your local distributor.

Provision must be made to provide an alternative means of evacuation for the passenger in the unlikely event of power loss during an evacuation. Evac+Chair recommend an additional charged battery should be kept near to the Evac+Power 1000H at all times, contact +44 (0)121 706 6744 or enquiries@evacchair.co.uk for more information. Alternatively, contact your local distributor.

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TRAINING RECORD

Trainee Name	KT / OT*	Training Date	Expiry Date	Trained by

* KT = Key Trainer * OT = Operator Trainer

MAINTENANCE RECORD

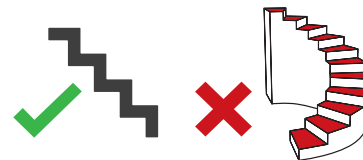
Date	Service or Inspection	Belts Changed	By	Company

NOTE: Rotate Powered Belt Tracks and charge battery every 3 months.

EVAC+POWER 1000H



Intended Use: The Evac+Power 1000H is designed for transferring one passenger at a time during emergency and non-emergency evacuations. Please read this user guide in full. Should you have any questions, please contact us or an authorised Evac+Chair International distributor for more information.

SAFE WORKING LOAD**FOR ASCENT AND DESCENT****NOT SUITABLE FOR SPIRAL STAIRCASES****MAINTENANCE
(STRONGLY ADVISED)****TRAINING
(STRONGLY ADVISED)****MANUFACTURERS
WARRANTY**

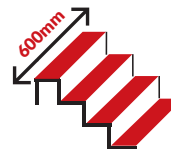
*5 year warranty applies to your Evac+Power 1000H chair only. The Lithium-Ion battery has a 1 year warranty

ADVISORY

*Two-person operation is advised for higher payloads

STAIR ANGLE

28° — 40°

MINIMUM ALLOWABLE STAIR WIDTH

WHAT IS INCLUDED?

EVAC+POWER 1000H



BATTERY



BATTERY CHARGER



BATTERY ANTI-THEFT KEY



USER GUIDE



SAFETY HARNESS



FOOTSTRAP



DUST COVER



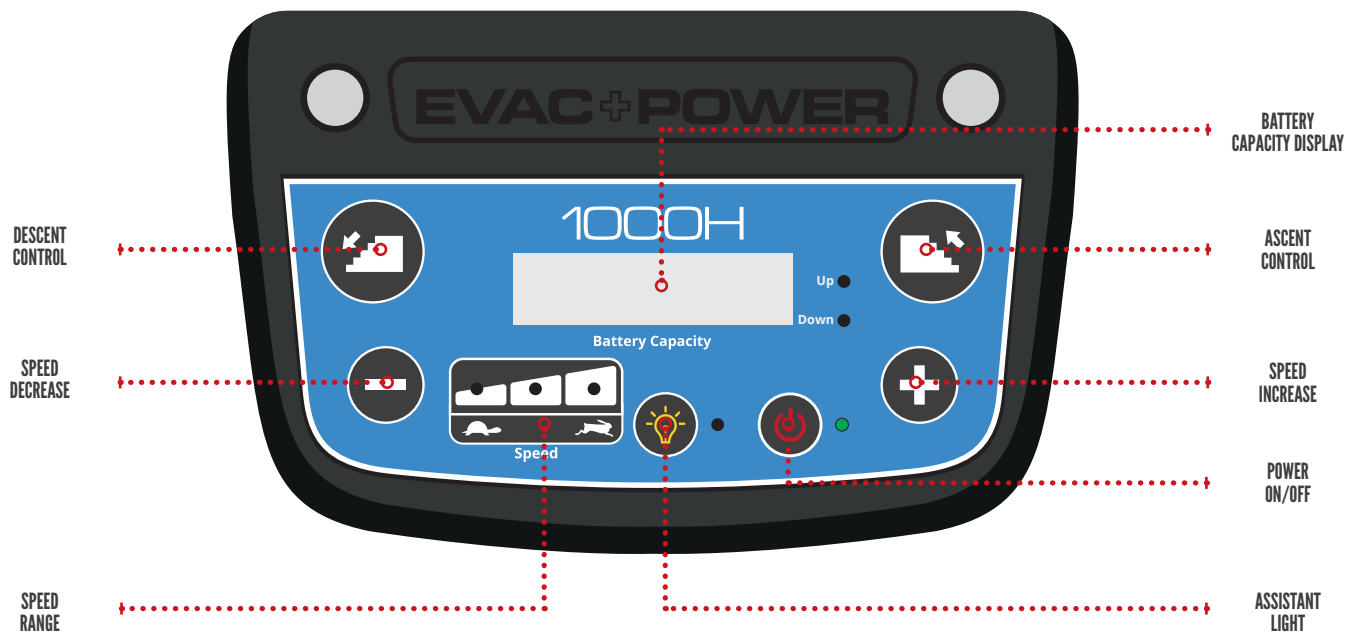
WALL BRACKET & FITTING KIT

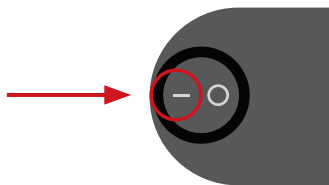
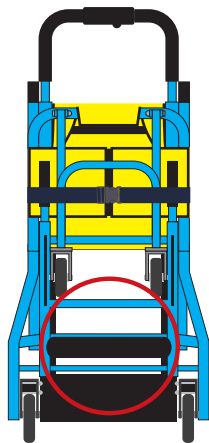


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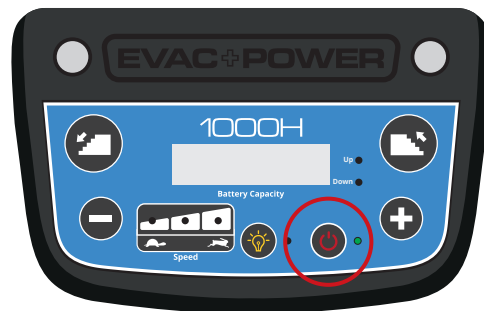


CONTROL PANEL FEATURES



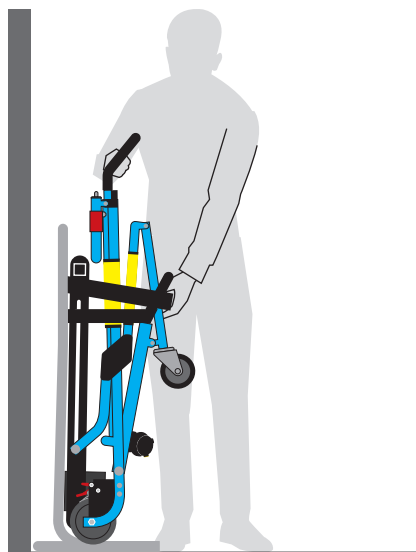


With the Evac+Power 1000H in its stored position, check the battery is inserted into the battery station, located underneath the seat. Switch battery to the 'ON' position.

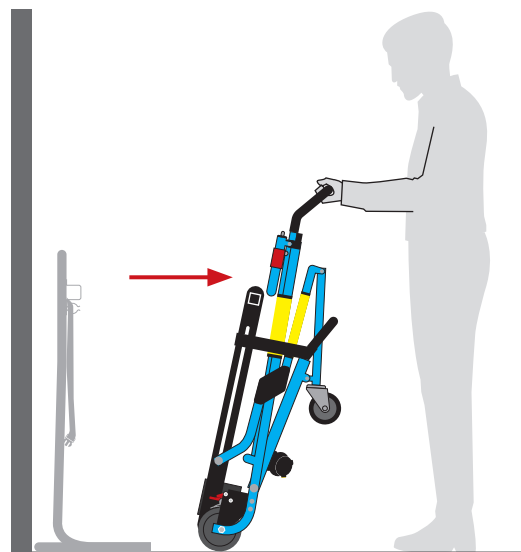


Check that the battery has a minimum of 40% charge before using. Battery capacity should be checked when chair is stationary.

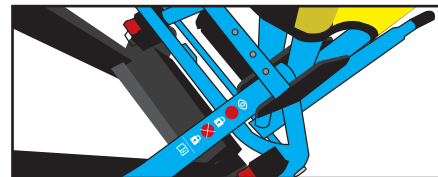
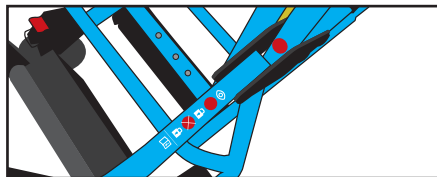
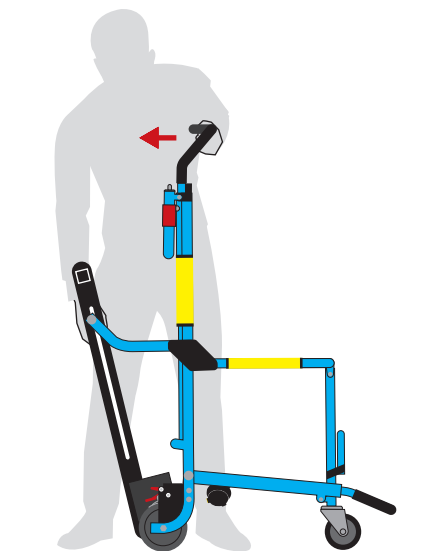
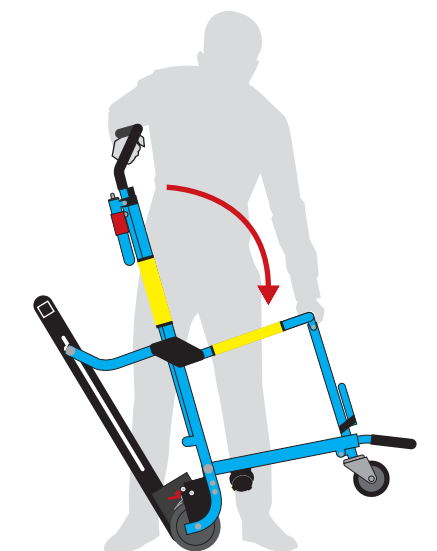
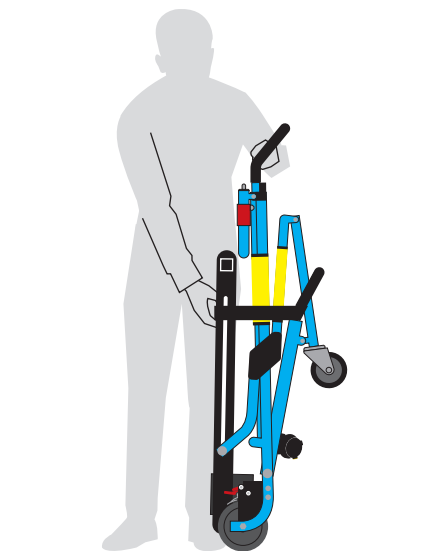
NB. Charge the battery for 5 hours before using for the first time. More information about the battery can be found on page 33.



Unfasten the buckle on the wall bracket/Evac+Power 1000H Stand.



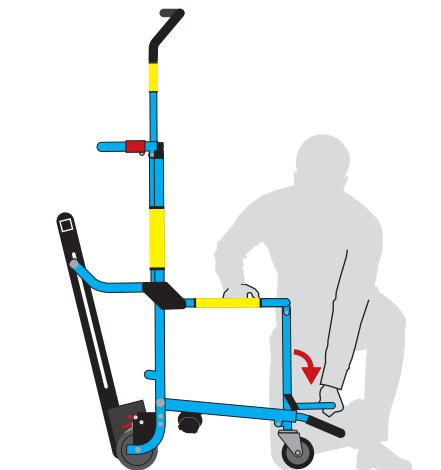
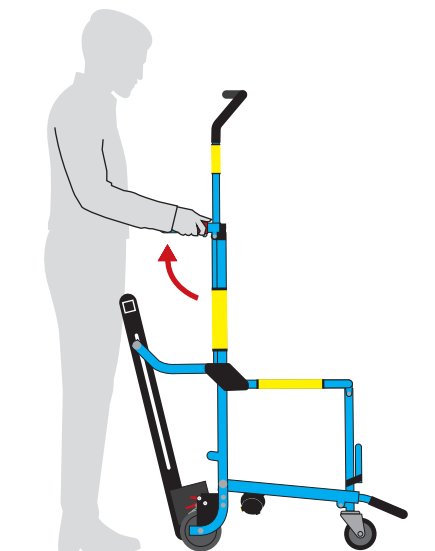
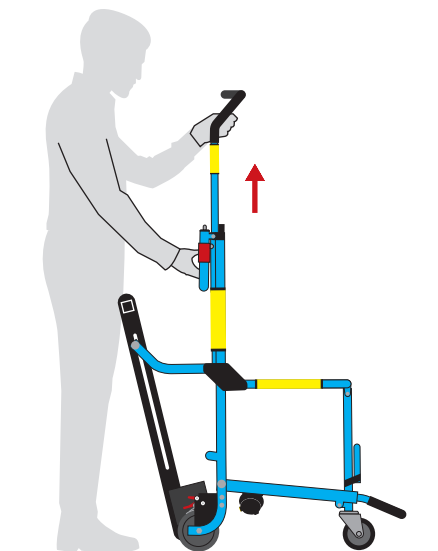
Walk Evac+Power 1000H away from wall bracket/
Evac+Power 1000H Stand.



Unfasten the buckle on the safety belt, then tilt the Evac+Power 1000H backwards. Push down on seat frame until all four wheels are on the floor.

To engage the tracks with the lock, hold the top track bar and pull the chair framework towards the tracks.

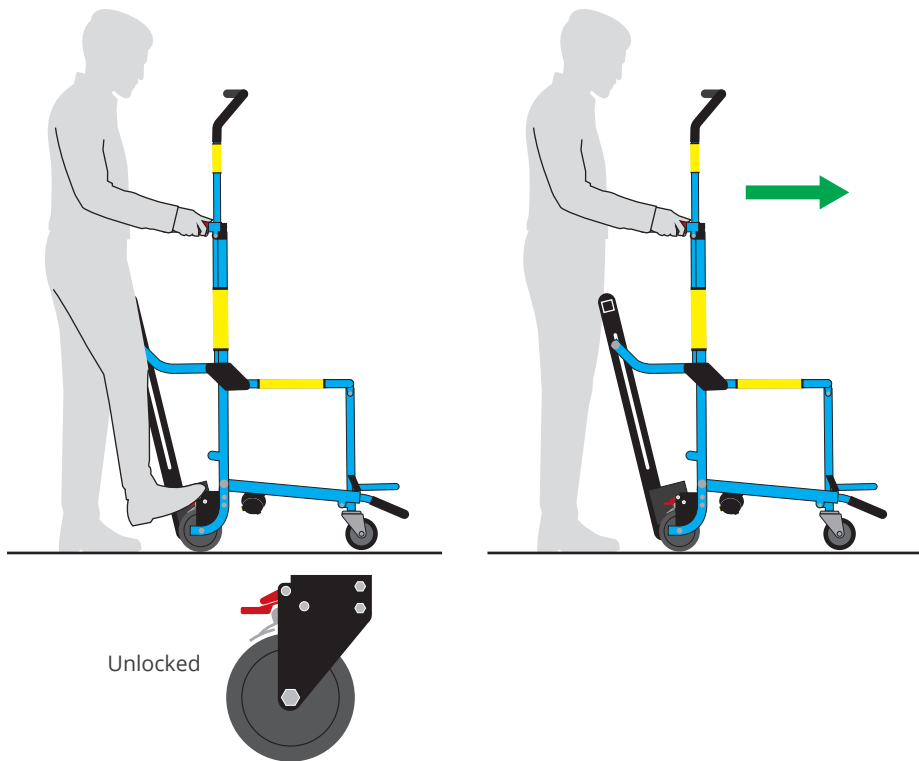
Ensure the track engages with the locks and the red circles on the upright framework, are no longer visible.



Standing behind the Evac+Power 1000H, pull and hold the red release bar whilst simultaneously pulling the extendable handle upwards to a comfortable height.

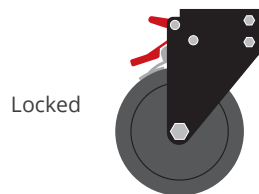
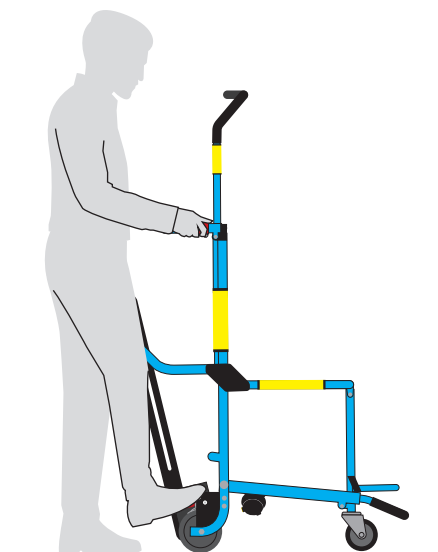
Raise the pushing handle located at the back of the Evac+Power 1000H, until it 'clicks' into place.

Deploy footrest by pushing down on the footrest handle (if required).

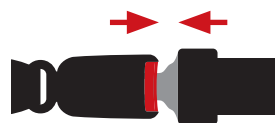
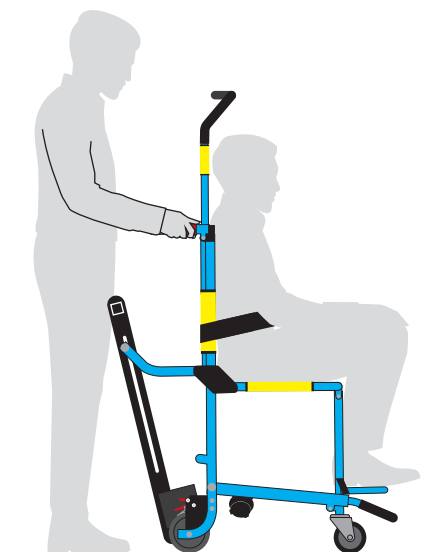


Unlocked

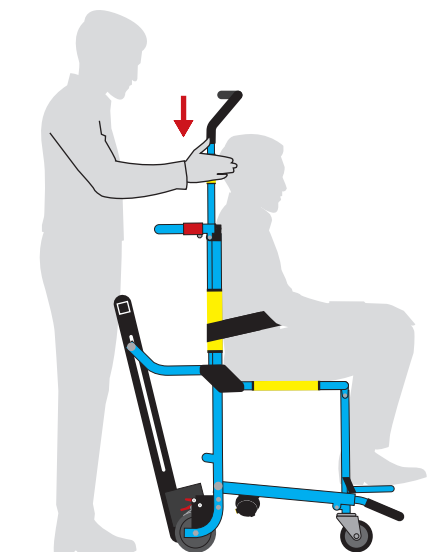
Release the brakes, located on the back wheels, by using your foot and pushing down on the 'OFF' pedal and manoeuvre Evac+Power 1000H to the required location.



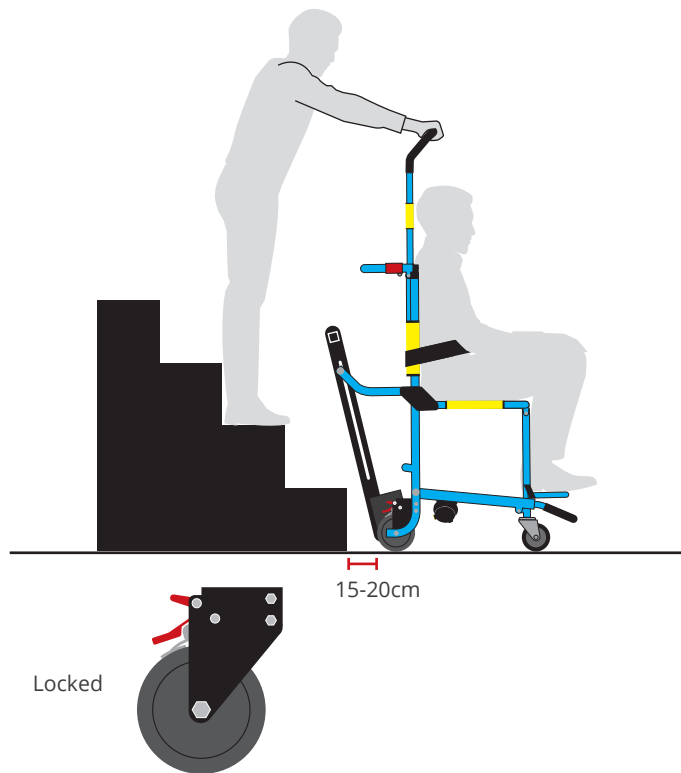
Using your foot, apply the brakes to both wheels by pushing down on the 'ON' pedal.



Hold the pushing handles whilst the passenger is being seated. Ensure they are secured in the Evac+Power 1000H by asking them to fasten the safety belt. If they cannot, extend the belts and provide the statement of consent.

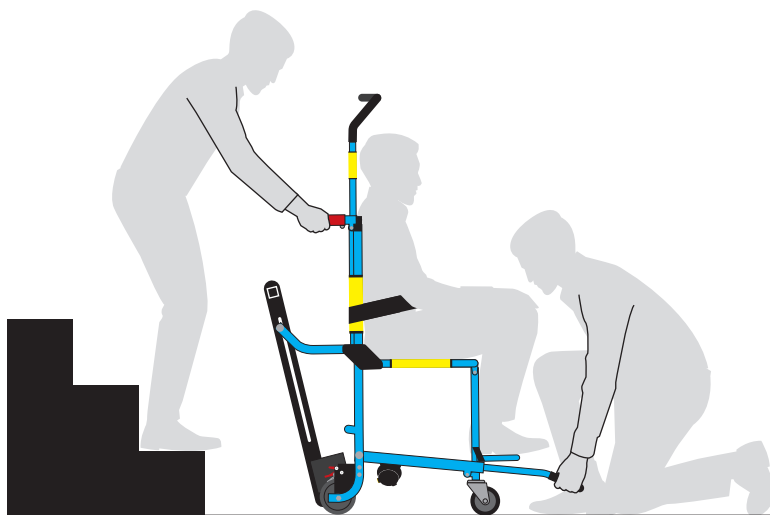


With both hands, slide the head rest down, until it is positioned behind the passenger's head.

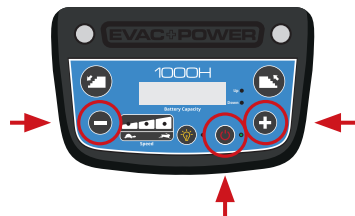


Release the brakes and manoeuvre the Evac+Power 1000H to the bottom of the stairs, ensuring the chair is on all 4 wheels.

Leave a 15-20cm gap between the Evac+Power 1000H and the bottom stair, ensure the brakes are 'ON'.

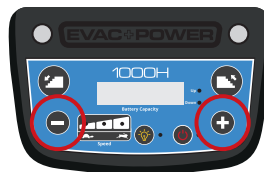
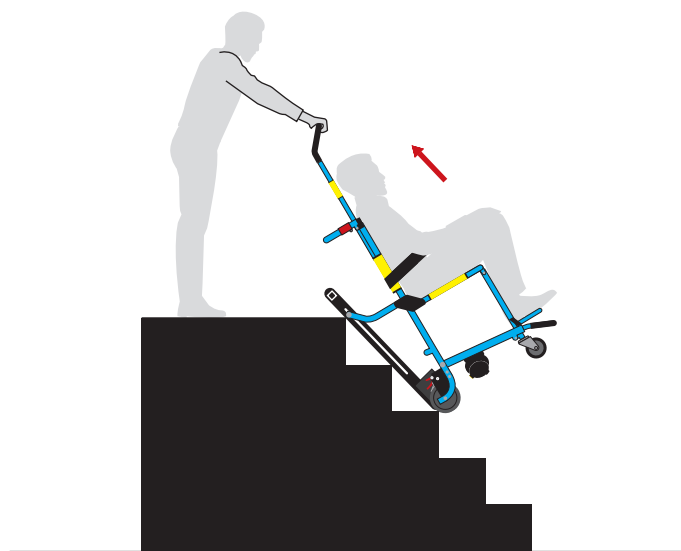
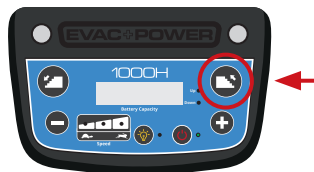
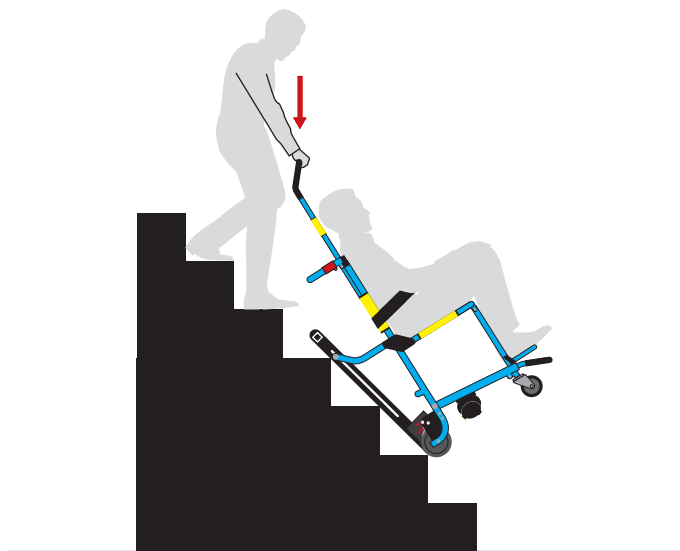


For two-person operation, pull both the ascending control handles out (located either side of the footrest).



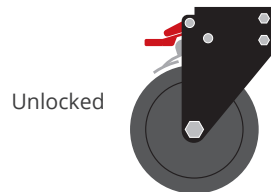
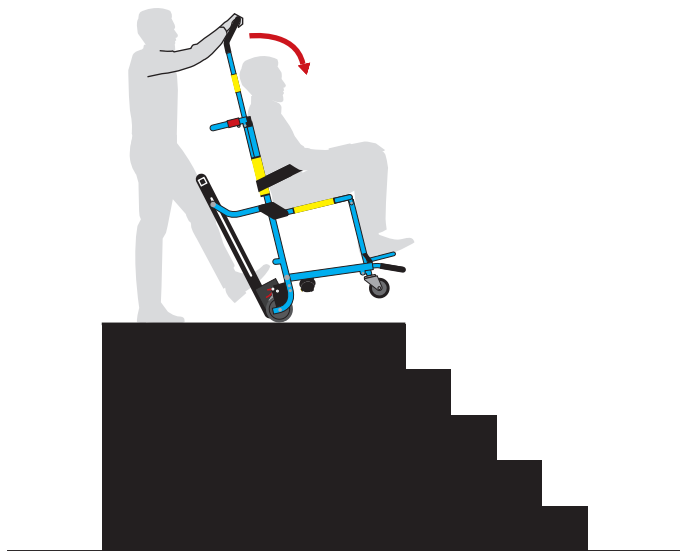
Dependent on the staircase, step onto the 3rd step, the handle of the Evac+Power 1000H should be at a comfortable height for the operator. Place hands either side of the control panel, turn 'ON' and select the desired speed using the '+' and '-' buttons.

Slowly tilt the Evac+Power 1000H backwards until the tracks make contact with the stairs. Ensure the tracks make four points of contact with two stair nosing's. You may need to step onto the 4th step. This will vary on the height of the operator.



Press the 'ASCENT' button and begin walking backwards up the stairs, whilst applying downward pressure on the handle with both hands.

Ensure the 'ASCENT' button, is pressed whilst ascending the stairs. Speed can be adjusted using the '+' and '-' buttons.



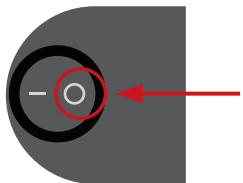
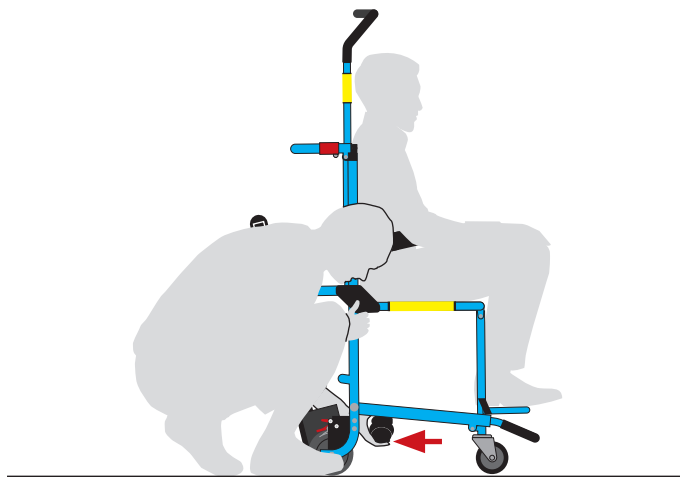
Once you have reached the top of the stairs, continue to hold the 'ASCENT' button and slowly tilt the chair slowly away from you until the chair is on 4 wheels, clear from the top step. Maintain control by placing foot on the lower track bar.

To manoeuvre the Evac+Power 1000H place hands on pushing handles. Release the brakes using your foot and push the chair safely away from the landing or towards the exit.



WARNING

Turn Battery Off After Ascent.



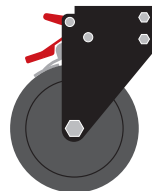
Once in a safe place, turn the battery off.



Unlocked



Locked

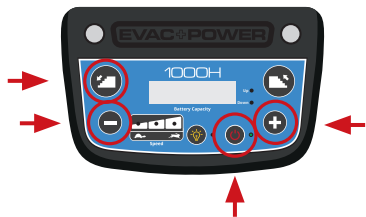


Release the brakes and manoeuvre the Evac+Power 1000H to the top of the stairs, ensuring the chair is on all 4 wheels.

Ensure the brakes are on.



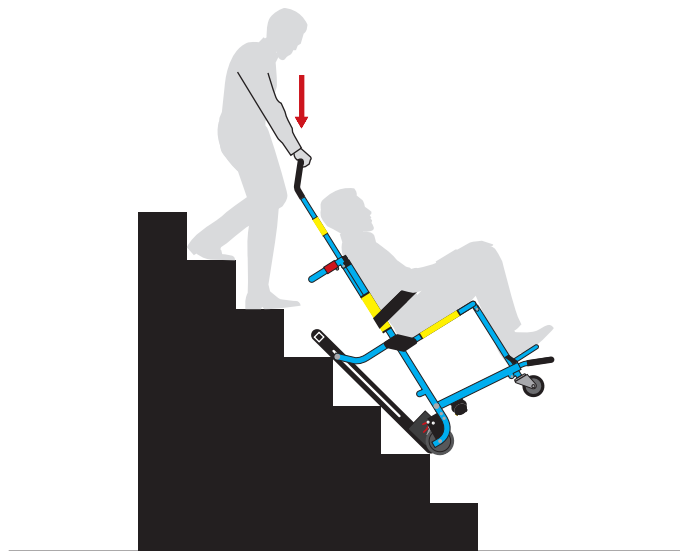
For two-person operation (if required), pull the descending control handles out (located either side of the footrest).



Place hands either side of the control panel and turn 'ON'. Select the desired speed using the '+' and '-' buttons.

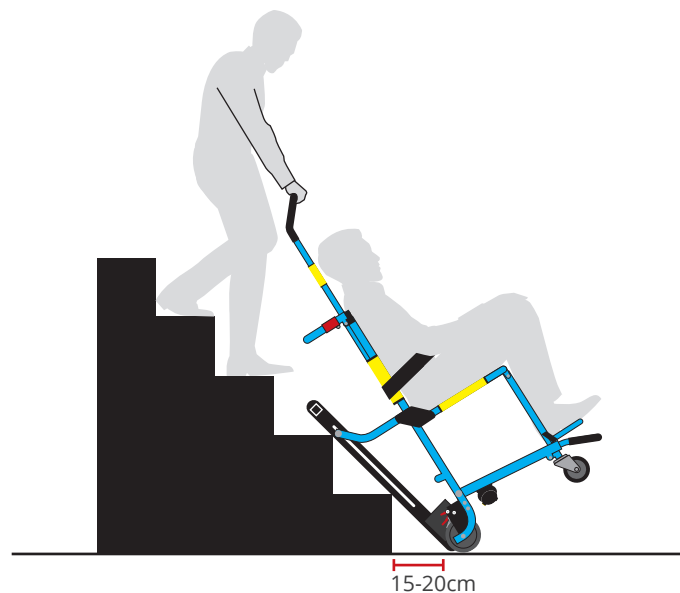
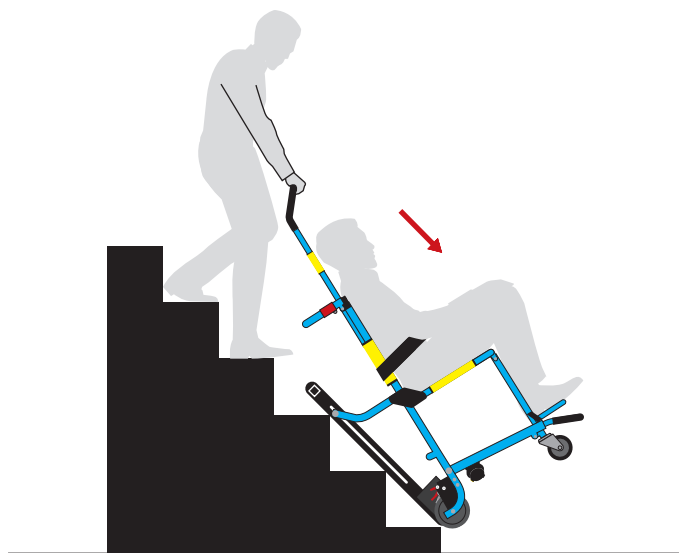
Place one foot on the lower track bar and slowly tilt the chair backward to maintain control.

Press the 'DESCENT' button and push the Evac+Power 1000H closer to the top of the stairs.

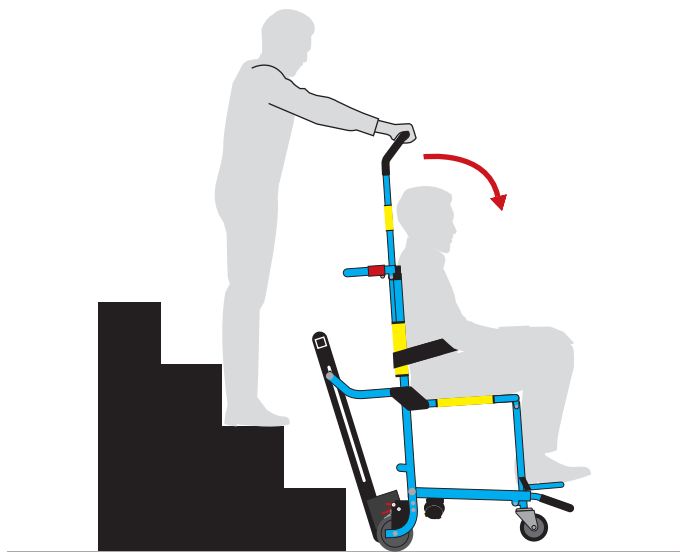


Push the Evac+Power 1000H over the stairs. Once the tracks make four points of contact with two stair nosings, apply downwards pressure on the handle.

Ensure the 'DESCENT' button, is pressed whilst descending the stairs. Speed can be adjusted using the '+' and '-' buttons.



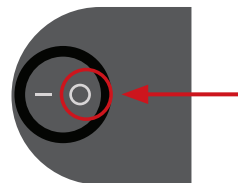
When the rear wheels make contact with the ground, allow the Evac+Power 1000H to move forward until there is a 15-20cm gap between the chair and the first step. Release the DESCENT button and the chair will stop moving.



Slowly tilt the Evac+Power 100H forward until all 4 wheels on the chair are in contact with the ground.



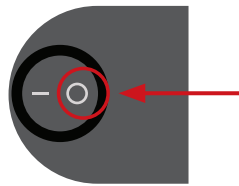
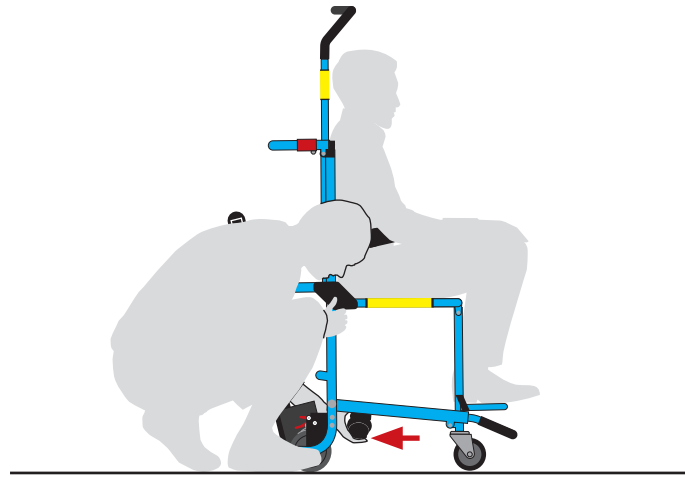
Unlocked



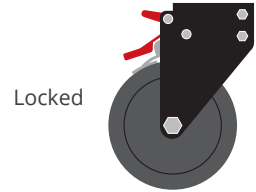
To manoeuvre the chair, place hands on pushing handles. Release the brakes using your foot and push the chair safely away from the landing area or towards the exit.

Once in a safe place, turn battery off.

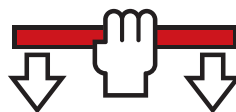
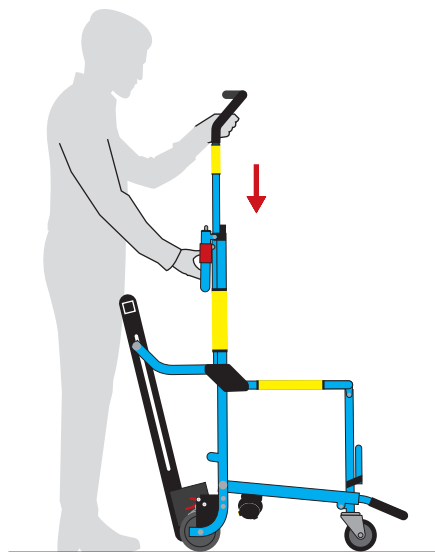
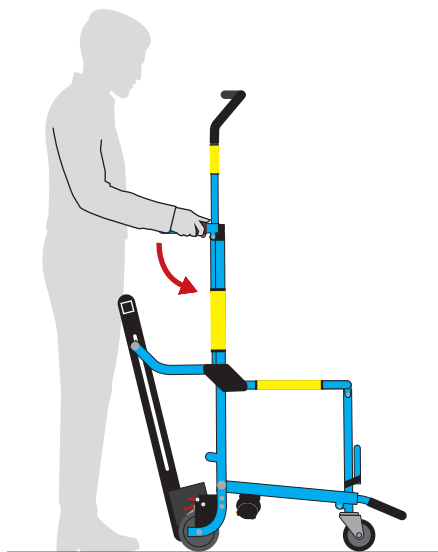
 **WARNING**
Ensure Battery Is Turned Off.



Turn off battery before stowage.



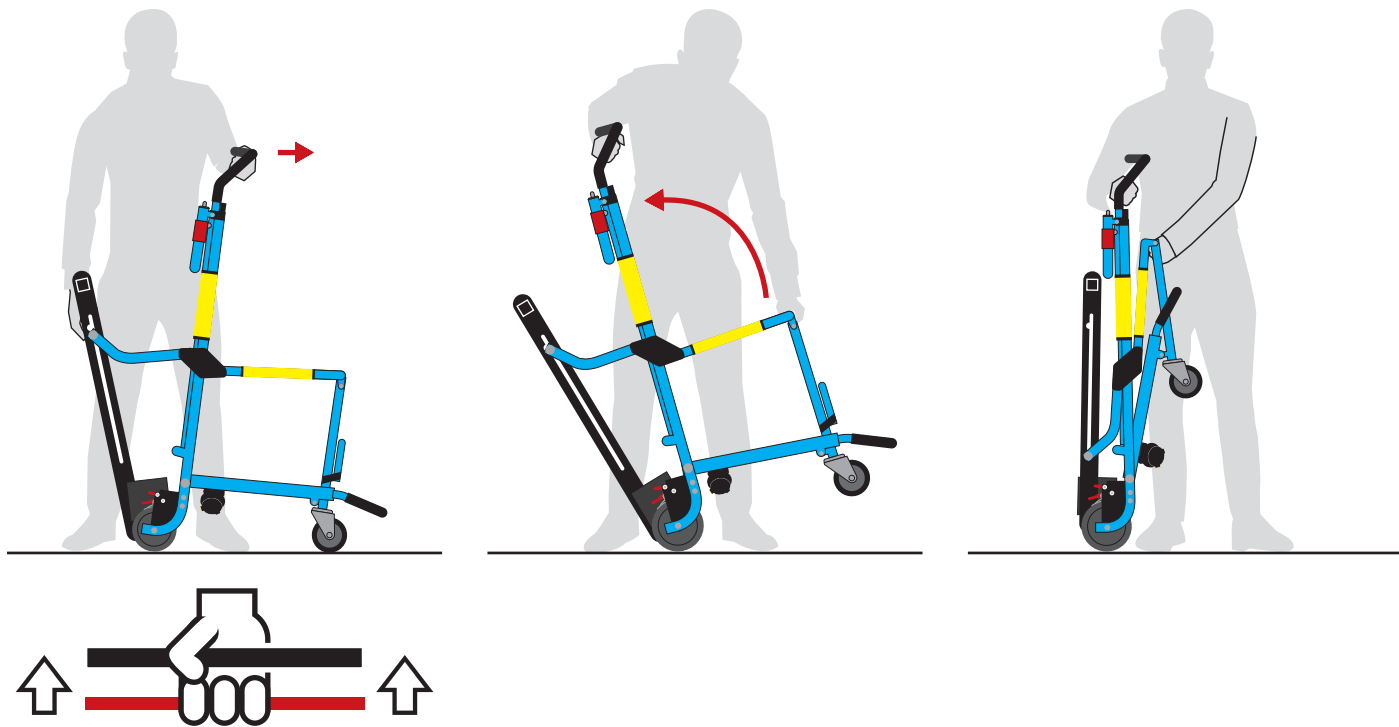
Apply both rear wheel brakes using your foot.



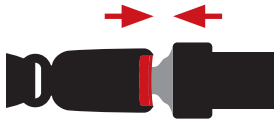
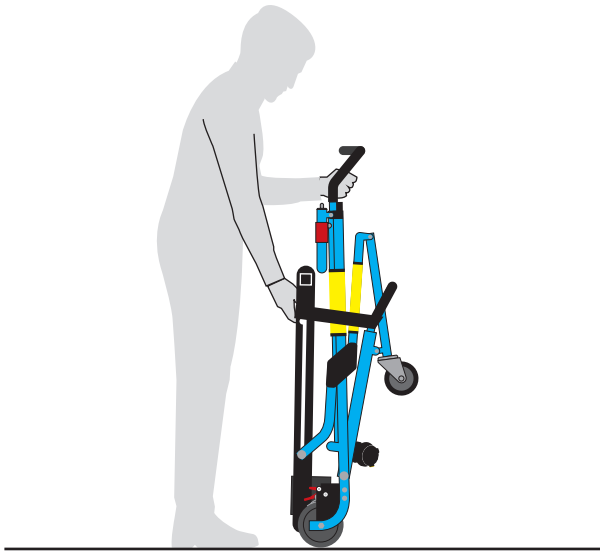
Fold pushing handle downwards by pulling both red sleeves towards you to release handle.

Close the extension handle by pulling the red release bar and push the extension handle downwards, until it locks into place.

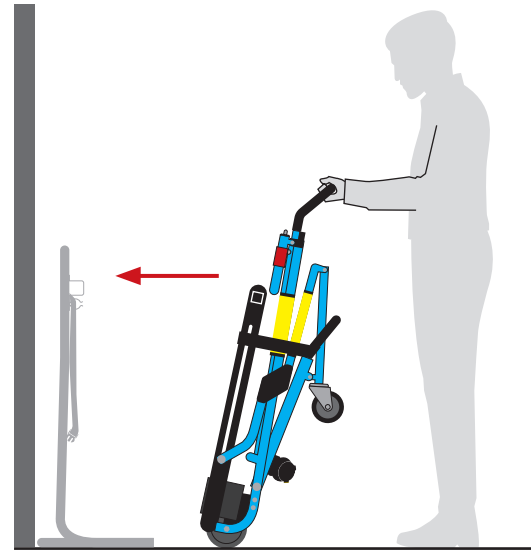
Fold the footrest upwards. Ensure the safety belt is unfastened and placed either side of the chair.



Release red track handle and tilt chair slightly forward. Pull the seat frame upward to fold the chair.



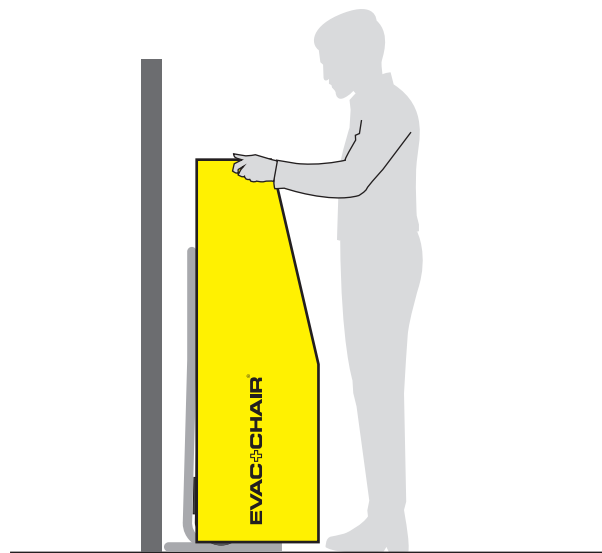
With one hand holding the handle, use free hand to loop the safety belt around the ascending control handles and power track system. Then buckle together, ensuring the strap is tight.



Line up the top track bar with the wall bracket/Evac+Power 1000H Stand clips. Walk the Evac+Power 1000H into the wall bracket/stand, ensuring both clips have fully engaged with the top track bar.



Once the Evac+Power 1000H is securely fitted onto the wall bracket/Evac+Power 1000H Stand, loop the straps around the front of the chair and buckle together. To secure in place, pull the strap to tighten.



Once in place, position the dust cover over the Evac+Power 1000H.

BATTERY INSTALLATION

BEFORE FIRST USE CHARGE THE BATTERY FOR A MINIMUM OF 5 HOURS USING THE SUPPLIED BATTERY CHARGER.

- 1** Remove battery from packaging.
- 2** Place battery into station on the Evac+Power 1000H with the contacts facing up.
- 3** Turn the battery 'ON' using the battery power button located on the left hand side of the battery.
- 4** Turn the control panel on and check the battery charge status. We recommend that there is a minimum of 40% battery charge for any usage.
- 5** If the battery needs charging, use the supplied battery charger.



WARNING

Turn Battery Off After Use.

In the event of a gas leak do not use the Evac+Power 1000H.



CHARGE TIME: 5 HOURS

FLIGHTS OF STAIRS: 150

BATTERY WARRANTY: 1 YEAR

BATTERY LIFE HOURS: 90 MINS CONTINUED USAGE

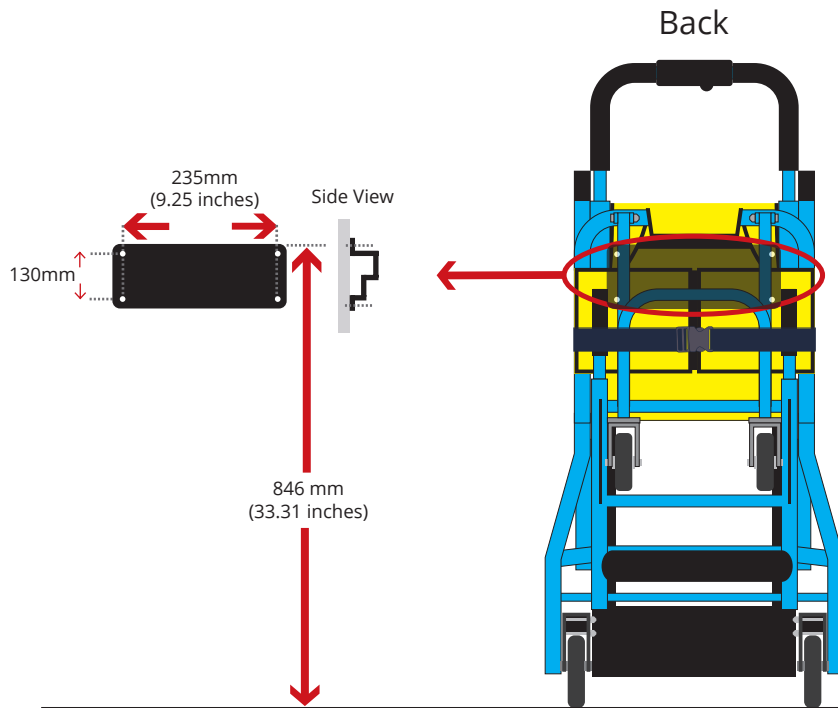
INSTALLATION

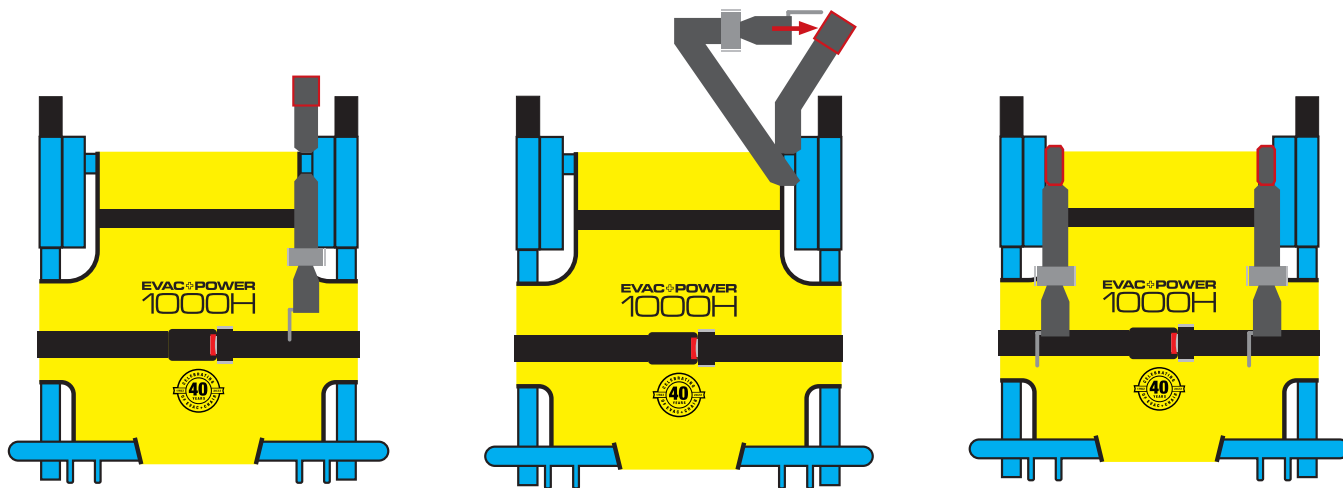


Evac+Chair, or an authorised distributor, can install your evacuation chair as well as provide expert advice and guidance on the most effective locations within your building.



[evacchair.co.uk /maintenance](http://evacchair.co.uk/maintenance)

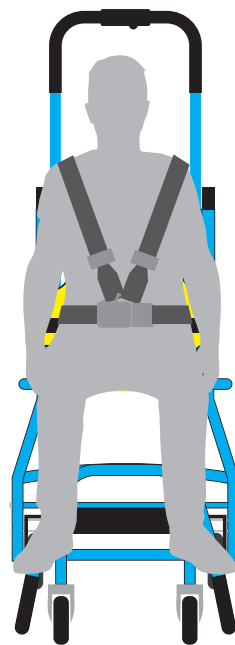
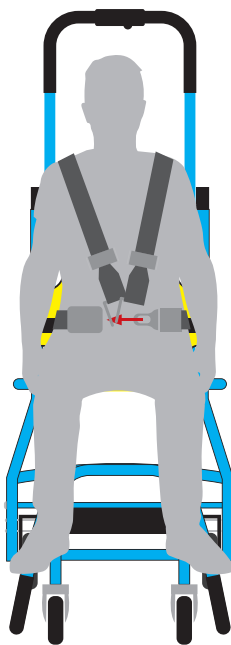
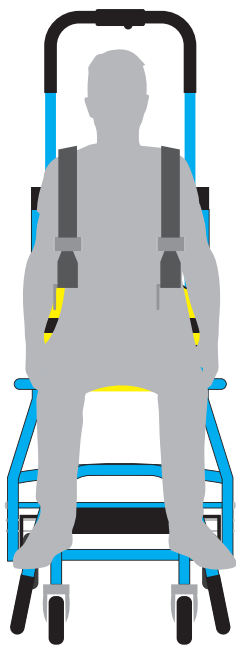




Take the end of the strap, pass behind the horizontal blue bar at the back of the seat.

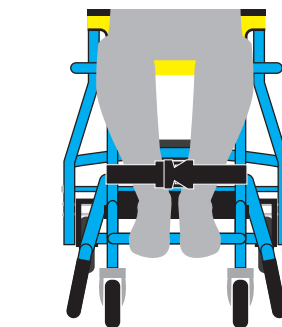
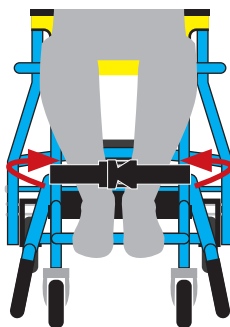
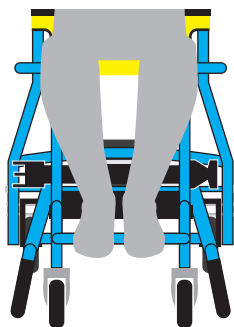
Pass the buckle through the loop and pull tight, to create a knot.

Repeat the steps for the second strap.



Place both straps over passenger's shoulders.

Feed the male buckle through the metal loops and secure into the female buckle and click to lock.



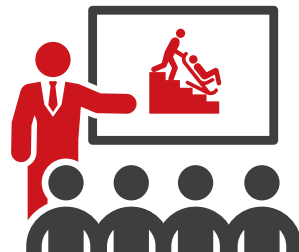
Hold the end of the Foot Strap close to the passenger's legs, then pass it behind the vertical blue bars.

Bring Foot strap around passengers legs and clip buckles together.

Pull excess strap to tighten and secure passengers feet.

TRAINING

DO YOU HAVE TRAINED OPERATORS?



REASONS TO BE TRAINED:

- 1** To adhere with legislation e.g. Regulatory Reform Order 2005 (UK Only).

- 2** Renew your three year certification for chair use.

- 3** Training multiple employees means more people are able to operate and assist.

- 4** Be able to confidently operate the chair in your premises.

- 5** Ensure you comply with your evacuation policy.

Operator Training Course

A 2.5-hour training course designed to train delegates how to safely and correctly use an Evac+Chair. The course enables delegates to have hands-on experience in operating and deploying the Evac+Chair and provides guidance on the safe evacuation, of the mobility impaired.

Key Trainer Course

A 4-hour training course designed to train delegates how to safely and correctly operate an Evac+Chair, as well as providing the practical and theoretical skills to train and certify others. This course is designed for organisations with large numbers of people who require the flexibility to train in house.

Our training courses are suitable for 2-4 delegates. On successful completion, each delegate will be certified for three years.

To discuss your training requirements, please call
+44 (0) 121 706 6744

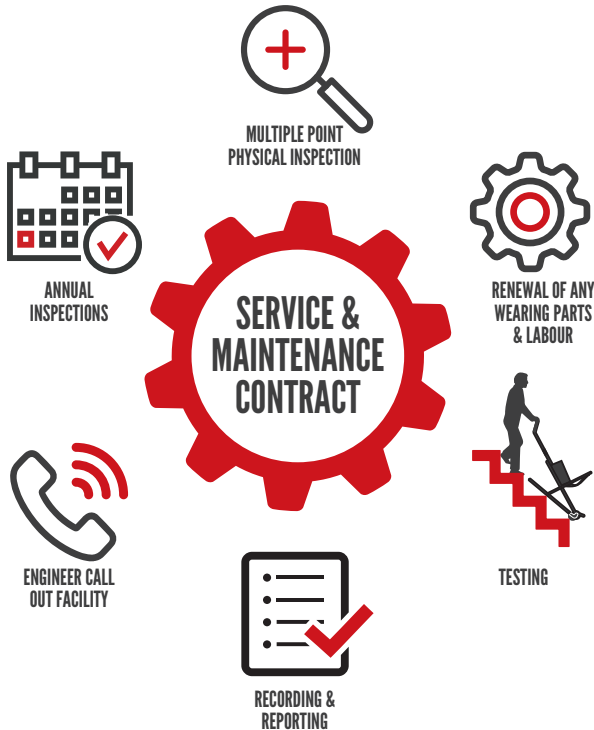
evacchair.co.uk/training

Or contact your local distributor.



SERVICE & MAINTENANCE

HAVE YOU ARRANGED A SERVICE AND MAINTENANCE CONTRACT?



Your Evac+Chair should be regularly serviced and maintained to ensure its safe operation. This requirement is included within the PUWER Regulation (Provision and Use of Works Equipment Regulations 1998 - UK only).

Our maintenance contracts provide you with complete peace of mind that you are covered and should you have an emergency evacuation situation, your chair will be fully operational. Our contracts include labour and genuine replacement parts, ensuring your Evac+Chair is kept fully operational and meets legal requirements.

To discuss your maintenance requirements, please call
+44 (0) 121 706 6744

evacchair.co.uk/maintenance

Or contact your local distributor.



ACCESSORIES

DUST COVER



EVAC+POWER 1000H STAND



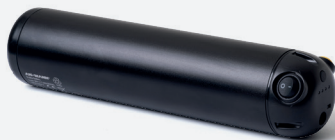
RECEPTION NOTICE



ANTI-THEFT DEVICE



ADDITIONAL BATTERY



For more information on these accessories visit:

evacchair.co.uk/accessories



PROMOVE

Products sold separately

ProMove® have been providing innovative transfer slings and accessories for over 15 years, to enable the safe and dignified transfer of individuals that face access barriers.

Committed to creating a more inclusive world, the ProMove Sling range is used as a manual transferring and/or repositioning sling, designed to ensure everyone can be safely transferred from one location to another.

A ProMove Sling is the perfect addition to accompany an Evac+Power 1000H, to assist in the safe transfer of a passenger, from one location to another.



View ProMove sling range

CHILD SLING



- + 3 sizes available
- + Age range of 3-18 years
- + Safe working load of up to 20 stone (127kg)
- + Available with or without head support
- + Carry bag included

ADULT SLING



- + Age range of 12+ years
- + Safe working load of up to 45 stone (285kg)
- + Available with or without head support
- + Carry bag included

AIRPORT KIT



- + Includes: adult size sling, extension handles and carry bag
- + Carry bag is fitted with loops and buckles to attach the bag to the Voyager transfer chairs

VISUAL INSPECTION

WE RECOMMEND YOU CARRY OUT A QUARTERLY INSPECTION TO ENSURE THE INTEGRITY OF THE CHAIR IS MAINTAINED.



Please contact Evac+Chair, or an authorised distributor **immediately** if any of these defects appear on your chair.

DEPLOYMENT/STORAGE



- + Ensure chair deployment is smooth
- + No interference when chair is deployed or stored
- + Ensure the Powered Belt Track extends and retracts correctly

CHECK WHEELS



- + No cracking of wheel or hub
- + No splitting of wheels
- + No malfunction of rear wheel brake
- + Ensure wheels are free to rotate without impediment

CHECK HAMMOCK



- + No obvious threading around seams
- + No ripping of hammock material
- + Check belt buckle operates correctly

CHECK HEADREST



- + No obvious threading around seams
- + No ripping of headrest material
- + Ensure headrest is free to move along handle

POWERED BELT TRACKS



- + No deep cracks or rips
- + No large humps or severe bulging

CHECK BATTERY



- + No broken seals
- + No cracks in casing
- + Check the screws are fastened
- + Check the anti-tamper label is intact
- + Check electrical points are free of debris

LITHIUM-ION BATTERY MAINTENANCE GUIDELINES

LITHIUM-ION RECHARGEABLE BATTERIES REQUIRE ROUTINE MAINTENANCE AND CARE TO ACHIEVE THEIR MAXIMUM BATTERY LIFE SPAN.

GENERAL

- + Ensure battery is fully charged every 3 months. Regularly check charge status.
- + Typical estimated life of a lithium-ion battery is 300-500 charge cycles.
- + One charge cycle is described as usage from fully charged to fully discharged and recharged again.
- + An average life expectancy for batteries that do not run through complete charge cycles is 2-3 years.
- + Rechargeable lithium-ion batteries have limited life and will gradually lose their capacity to hold charge. This loss of charge is irreversible.

CHARGING

- + Always follow the charging instructions provided.
- + Ensure charge port is kept free of dirt and debris, using the port cover provided.
- + Battery can be charged whilst fitted to the Evac+Power 1000H.
- + The battery can be placed on permanent charge.

STORAGE

- + DO NOT place the battery near heating equipment, nor expose to direct sunlight for long periods.
- + Store preferably in a cool, dry, and ventilated area.
- + Keep the battery away from temperatures above 60°C (140°F).
- + Store the battery at temperatures between 4°C and 25°C (39°F and 77°F).
- + Warning: The battery will discharge during storage. Storing the battery at higher temperatures (above 25°C/77°F) will reduce battery storage life. To preserve battery charge, turn battery off.

TRANSPORTATION

- + Check applicable local, national and international regulations before transporting Lithium-Ion battery.

DISPOSAL CONSIDERATIONS

- + Do not incinerate or subject cells to high temperatures. Dispose of in accordance with appropriate local regulations.

LITHIUM-ION BATTERY MAINTENANCE GUIDELINES

LITHIUM-ION RECHARGEABLE BATTERIES REQUIRE ATTENTION

PRECAUTIONS

- + Ensure plug socket is switched off before inserting charger into battery.
- + Keep away from heat/sparks/open flames/hot surfaces.
- + Keep battery away from children.
- + Keep free of dust and debris.
- + Stop use immediately if battery produces smoke and/or flames.
- + DO NOT use battery if damaged.
- + DO NOT electrically short.
- + DO NOT immerse in liquids.
- + DO NOT expose over a long period to humid conditions.
- + DO NOT use battery for an application for which it was not specifically designed.
- + DO NOT return lithium-ion battery without seeking our advice. Failure to do so, resulting in an accident or incident, will make you liable. We will provide guidance on how to safely return the battery however, we recommend it be stored safely and away from heat or water.

EXTINGUISHING MEDIA

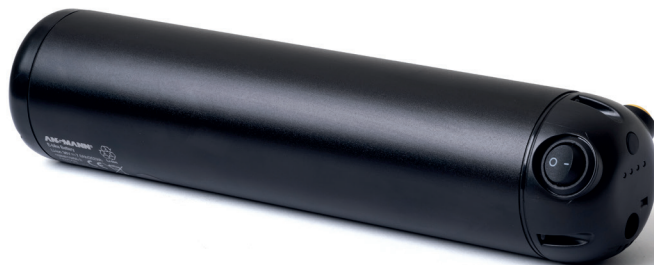
- + CO2, Class D L2 Powder Fire Extinguisher.



WARNING

Turn Battery Off After Use.

In the event of a gas leak, do not use the Evac+Power 1000H or any other electrical equipment.



TROUBLESHOOTING

**IF THE LITHIUM-ION BATTERY IS NOT WORKING,
PLEASE TRY INSTRUCTIONS BELOW:**

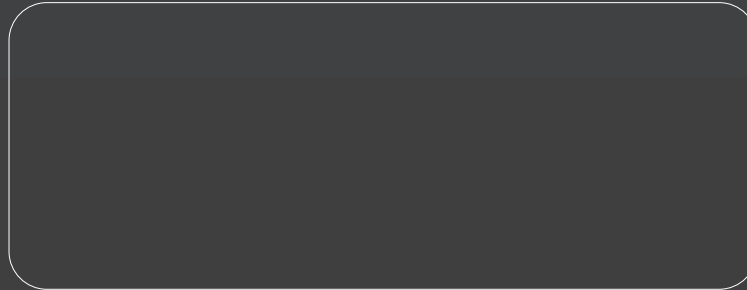
Symptom	Remedial Action
Chair non-operational	<ul style="list-style-type: none">- Check battery is installed and switched on
Battery not charging	<ul style="list-style-type: none">- Turn battery off and on again and retry- Check plug is installed into battery adapter correctly – remove and reattach- Check plug is connected to a working plug socket- Ensure light comes on the battery charger (red if charging, green if fully charged)
Battery not turning on	<ul style="list-style-type: none">- Ensure battery has been charged for at least 3 hours- Turn battery off and on again, and retry
Control panel unresponsive	<ul style="list-style-type: none">- Ensure battery is switched on via on/off switch located on the left hand side of the battery- Ensure control panel is switched on via power button on control panel- Check battery has been installed correctly


Contact our Customer Experience Team on:

+44 (0) 121 706 6744

enquiries@evacchair.co.uk

Or contact your local distributor.



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+44 (0)121 706 6744 | evacchair.co.uk | enquiries@evacchair.co.uk