

Bäumr-AG®



ASC-210 Stair Climbing Trolley

User Manual

[Revision 1.0]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description, and packaging.

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **INJURED** if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well-ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines **OUTSIDE** only, and far away from windows, doors, and vents.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!

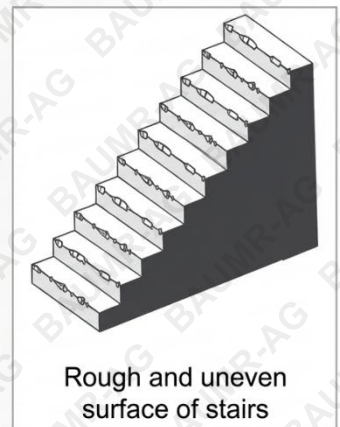
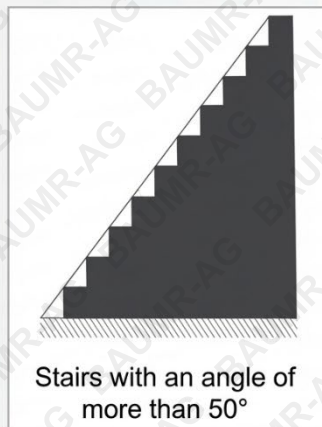


• WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

Safety Instructions

- Before installing or using this product, users must carefully listen to the operating instructions provided by the technician and read this operation manual thoroughly. Operate the trolley only under the guidance of technical staff during initial use. Independent operation is permitted only after the technician confirms that operation is safe.
- This product must not be used on spiral staircases, curved staircases, stairs with an angle greater than 50°, or on rough, uneven, or trapezoidal surfaces.



- Before each use, check that the trolley is safe to operate, including inspection of the tracks, battery charge level, and that all components are securely fitted.
- The maximum load capacity of this product is 210 kg. Do not exceed this limit, as overloading may cause injury or damage.
- Keep the product out of reach of children and pets at all times.
- Use only the original battery supplied with the product. Charge the battery in a dry, well-ventilated environment.
- The battery is reusable. If replacement is required, contact the manufacturer. Do not open or replace the battery yourself. Dispose of used batteries in accordance with local waste disposal regulations.

ASC-210 Stair Climbing Trolley





















- If the product is faulty or damaged, contact your local service agent. Repairs must only be carried out by qualified maintenance personnel.
- Do not operate the trolley if it is malfunctioning, damaged, or excessively worn.

Precautions Before Use

- This equipment must only be operated by trained personnel who have read and understood this operation manual.
- Always maintain a firm grip on the handrails during operation. Do not release both handrails at any time.
- During operation, apply steady downward pressure on the handrails to maintain overall balance.
- If the operator cannot fully control the trolley alone, an assistant must stand in front of the trolley to help maintain balance.
- When beginning to climb stairs, the trolley will tilt backwards. Press down firmly on the handrails to maintain stability.
- If stopping midway on the stairs, ensure the tracks are resting securely on at least three steps before releasing pressure.
- Before descending the first two steps, pause to allow the tracks to settle firmly on the stairs and stabilise the trolley.
- In the event of an emergency stop while ascending or descending stairs, switch off the central emergency power supply immediately.
- When descending, keep the front wheels clear of the edge of the steps. Lift the front wheels so the tracks contact the ground, hold both handrails firmly, press the descent control, and continuously adjust the trolley to maintain balance.
- Any injury or damage caused by failure to follow the operating instructions is the responsibility of the user.
- Do not leave the trolley unattended during operation unless in an emergency.
- Stair operation restrictions:
 - Do not use on stairs steeper than 50°
 - Do not use on curved or spiral staircases
 - Do not use on stairs that are oily, icy, wet, or otherwise slippery
 - Operating diagonally on stairs is extremely dangerous and may cause serious accidents. When ascending, monitor the rear of the trolley; when descending, monitor the front.
- A single operator may load or unload goods weighing less than 80 kg on stairs. For loads between 80 kg and 210 kg, an assistant is recommended to help control the trolley and improve safety.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p>Toxic Fumes / Dust Hazard Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p>Crush Hazard The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.</p>	 <p>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p>Moving Parts Hazard Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

















 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.</p>	 <p>Electrocution / Electrical Shock Hazard - Disconnect High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p>Power Line Electrocution Hazard High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>

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Operation

Safety Inspection

A thorough safety inspection must be carried out before each use.

1. Power On

Insert the key and rotate it clockwise to the ON position to switch on the power.



2. Power Check

Press the white battery check button. If the battery is charged, the indicator lights will illuminate as follows:

- 1 green light: approximately 30% battery level
- 2 green lights: approximately 50% battery level
- 3 green lights: fully charged (100%)
- Red light: below 10% — recharge immediately before use



3. Control Panel Inspection

Check that all control panel functions are operating correctly before use.

- a. Stair climbing (up)
- b. Stair descending (down)
- c. Track fold
- d. Track unfold
- e. Increase speed
- f. Decrease speed
- g. Lighting
- h. Power switch

Do not operate the trolley if any control is not functioning normally.

IMPORTANT! A detailed safety inspection must be completed before use.

4. Parking Brake Inspection

Check that the parking brake is functioning correctly and can stop the trolley completely.

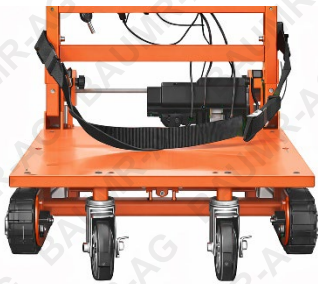
- Press OFF to apply the brake
- Press ON to release the brake

Do not operate the trolley if the brake is not working properly.



5. Safety Check

Ensure the safety belt is securely fastened and that all screws and fasteners are tightened.



6. Track Inspection

Inspect the tracks for cracks, excessive wear, or looseness. If any abnormality is found, do not use the trolley and refer to the troubleshooting section of this manual.



Stair-Climbing Operation

Positioning

Move the trolley to the first step and position it as shown in the reference image.



Ascending

Press the left track fold button and raise the cargo platform to a suitable height. Once correctly positioned, begin climbing the stairs.



Platform Adjustment

After reaching the landing, press the track unfold button to lower the cargo platform.



Note: Ensure the trolley is completely on a flat surface before lowering the cargo platform.

Descending

When the trolley reaches the midpoint of the track, raise the cargo platform to a suitable height, then begin descending the stairs carefully.



Battery Charging Instructions

1. Connect the charger plug to the charging socket on the battery, then plug the other end into a 240 V AC wall outlet.

When the charger indicator light turns green, the battery is fully charged. The charger will automatically switch to standby mode to prevent overcharging.

2. Press the battery indicator button to check the charge level:

- Three green lights: battery fully charged
- One red light: battery critically low — do not use

Recharge the battery promptly if the charge level falls below 25%.

3. Before using the charger, read and follow all instructions and safety warnings provided with the charger.
4. Use only the charger supplied with this product. Do not use incompatible chargers.
5. Inspect the charger regularly and keep it away from oil, solvents, sharp objects, and other hazardous materials.
6. The charger must only be inspected or serviced by the manufacturer or an authorised service agent.
7. Do not dismantle, modify, or tamper with the charger.
8. Always charge the battery in a dry, well-ventilated environment. Do not expose the charger to moisture.
9. Do not touch the charger plug or socket with wet hands.
10. Do not operate the trolley while the battery is charging.






Tips

- After charging, unplug the charger from the wall outlet first, then disconnect it from the battery. Always keep your hands dry when plugging or unplugging the charger.
 - If excessive heat, smoke, or unusual odours are detected during charging, stop charging immediately and contact the manufacturer.
- Fully charge the battery before first use to maximise battery life and performance.
- To maintain battery health, charge the battery at least once per month, even when the trolley is not in regular use.

Lithium Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged on the initial charge and for each subsequent charge. 
2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing. 
3. **Disconnect battery when not in use.** To prolong the life of a battery, disconnect it from the unit when not in use. Disconnect chargers from the battery once charged. 

To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- If a battery is stored or otherwise unused for an extended period, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- The typical estimated life of a Lithium-Ion battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged, and fully recharged again.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

DANGER - BATTERY CHARGING, USE AND STORAGE

Like mobile phones, laptops, cordless vacuum cleaners etc, this product may contain or be related to a lithium ion battery pack (lithium ion batteries and lithium ion battery related items only). Lithium ion batteries allow fast charging and high capacities, however care must be taken to reduce chances of a fault, and increase safety in case a fault occurs. Catastrophic incidents involving lithium ion batteries have a tendency to result in large amounts of smoke and fire. Be sure to follow the points below to reduce the likelihood of danger whenever you use, charge or store any lithium ion battery.

- Never charge a battery that has been damaged or subjected to a forceful impact.
- Never charge a battery that has been exposed to moisture or water.
- Never charge a battery with a charger that wasn't supplied with the battery.
- Never use a battery in a device that it wasn't specifically designed for.
- Never use a battery with a modified or damaged device.
- Never modify the battery, product, charger, circuitry or wiring.
- Never charge a battery in an exit path that may be used by people to leave a room or building in case of an emergency, for example, the hallway or foyer of a residence.
- Never charge a battery in an area or building that doesn't have the recommended number of working smoke detectors that have been tested in accordance with local guidelines.
- Never charge a battery when the battery or charger is displaying a problem or charging incorrectly.
- Always charge batteries on a non-combustible surface, for example, on a concrete floor.
- Always charge batteries at least 3m away from anything combustible, such as floors, wall surfaces, furniture, storage shelves etc.
- Always charge batteries in an open area (outside if possible) ensuring the battery and charger are away from moisture and water.
- Always disconnect batteries from the charger after charging.
- Always remove or disconnect batteries from the device/product when not in use.
- Always ensure batteries are charged under adult supervision. Do not charge unattended. Do not charge batteries while no one is home or while people are sleeping.
- Keep batteries away from heat and moisture.
- Damaged batteries should be disposed of through your local e-waste collection service.
- Avoid mixing and matching chargers. Unplug products when fully charged, and charge batteries in a cool, dry place away from combustible materials like beds, lounges, or carpet.
- During charging and use, check your lithium-ion batteries for overheating, signs of swelling, leaking, or venting gas. Immediately stop using your product if these signs are present.
- Allow batteries to cool after use and before charging.

Maintenance Inspection and Servicing

Regular inspection and maintenance significantly extend the service life of the trolley and help ensure safe operation.

Users should carry out routine inspections as outlined below.

Maintenance Checklist

Inspection Area	Component	What to Check	Action if Faulty
Electrical System	Power switch	Operates normally	Replace
	Up/Down switch	Operates normally	Replace
	Brake switch	Operates normally	Replace
	Battery display	Operates normally	Replace
Safety Components	Safety belt	Twisting, fraying, or breakage	Adjust or replace
Electrical System	Circuit control box	Loose, damaged, or detached housing	Repair or replace
	Power socket	Damage	Replace
Drive System	Track	Cracks or excessive wear	Replace
		Loose track	Adjust
		Incorrect tooth alignment	Adjust
	Motor	Abnormal noise	Replace
	Sprocket	Damage	Replace
	Gear	Damage	Replace
Wheels	Flat wheels	Excessive wear or damage	Replace
Handle Assembly	Anti-tilt support frame	Smooth operation	Adjust
Battery Assembly	Battery case	Cracks or damage	Repair or replace
	Battery socket	Damage	Replace
	Battery	Cracks or damage	Replace
Lighting	LED light	Damage	Replace
Charger	Plug	Damage	Replace
	Wiring	Broken wires or cracked insulation	Repair or replace
Fasteners	Screws and bolts	Loose or missing	Tighten or reinstall

Important Notes:

- Do not operate the trolley if any critical component is damaged or not functioning correctly.
- Repairs and replacements must be carried out using approved parts and procedures recommended by the manufacturer.

- Regular maintenance reduces the risk of breakdowns and improves operational safety.

If the product shows any abnormal behaviour, malfunction, or damage of unknown cause, do not attempt to repair or adjust it yourself. Improper handling may be dangerous. Contact the manufacturer or an authorised service agent for assistance.

Adjusting and Replacing the Track

Important Notes: Track tension is correctly set by the manufacturer during assembly. Over time, track tension may require adjustment if the tracks become too loose or too tight.

Tightening the Track

1. Insert the appropriate Allen key into the adjustment hole as shown.
2. Turn the Allen key clockwise to tighten the track.

Each track has two adjustment points. Adjust both points evenly to maintain correct track alignment and balance.

Loosening the Track

1. Insert the Allen key into the adjustment hole as shown.
2. Turn the Allen key counterclockwise to loosen the track.

Adjust both adjustment points evenly to keep the track balanced.

Operating Environment

- This product is not waterproof and is designed for indoor use only. Do not use outdoors.
- Keep the product away from moisture, open flames, heat sources, and other hazardous environments.



Specifications

Load Capacity	210kg
Power (Watts)	400W
Motor Type	Brushless
Power Type	Battery
Battery Type	Lithium Ion
Battery Capacity	13Ah
Battery Voltage	24V
Maximum Incline	≤50°
Runtime	Up to 4 hours
Frame & Chassis Material	Aluminium alloy
Corrosion Resistant	Yes
Finish	Powder coated
Track Width	50 mm
Front Wheels	4"
Rear Wheels	4"



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

