User Manual, English

EUROFLEX®

Work Chair HiLo SR

Eurovema

Rev: 28/01/2025

Contents

INTRODUCTION

We congratulate you on your choice of work chair! We hope you will be pleased with this Euroflex product from Eurovema, designed and built in Gislaved, Sweden. The work chair has been designed to satisfy very stringent demands in respect of ergonomics, sitting comfort, and function. The chair has many options for adjustment, meaning that it can be adapted to every need. Read the User Manual carefully so you can make use of all the options provided by your chair. Eurovema reserves the right to make changes to this manual and its contents.

CONTACT DETAILS

Manufacturer
Eurovema Mobility AB
Baldersvägen 38, SE-332 35 Gislaved, Sweden
Telephone: +46 371 390 100
www.eurovema.se
info@eurovema.se

USER INFORMATION

- This work chair is classified as a class 1 medical device.
- The product is intended to be used by people who require assistance to move or carry out activities whilst seated and need support to get out of a chair.
- The product is intended for indoor use only.
- There are no known contraindications.
- Max. user weight 70 kg.
- When used in accordance with this User Manual, the expected service life of the product is ten years.
- The product has been developed and tested by Eurovema. Eurovema is responsible for ensuring that the product is safe to use.

This symbol warns of situations that may pose risks to the user.

Read the User Manual carefully.

SERVICE AND WARRANTY

If the work chair is used on a daily basis, it should be sent to for inspection once a year. This is to check that the function and safety of the chair are maintained during its entire service life. Expected service life is 10 years if used in accordance with our instructions, recom-

mended maintenance intervals, and intended use. If your chair requires servicing, please contact your local Technical Aid Centre.

All metal structures are covered by a two-year warranty. Other parts are also covered by a two-year warranty, except for upholstery, wheels, and batteries, all of which come with a one-year warranty unless otherwise agreed. Normal wear and tear is not covered by the warranty. We recommend our customers use the product in accordance with the User Manual. For instructions relating to servicing and reconditioning, **see the Service Manual**.

UPON DELIVERY

- Open the packaging and check that no damage has occurred during transit. The work chair is supplied with all parts fitted.
  Check that the back support and armrests are properly secured. Check that the seat locking levers are in the locked position. See seat fitting/removal instructions on page 12.

SAFETY RULES

- Read the User Manual carefully before using the chair.
- The work chair is intended to be used on a level surface in a normal indoor climate.
- Take care when adjusting the manual seat tilt while sitting in the chair as there is a risk you could fall out of the chair.
- If you find that the chair has suffered damage or identify any changes in its function, contact the service organisation (Technical Aid Centre) immediately.
- If the chair is to be used on a regular basis, it should be sent routinely to the service organisation for inspection.
- Make sure you tighten the lock knob and screws properly after making adjustments.
- Pay attention to screws or parts that become loose or fit loosely as they may impact safety. Contact the service organisation immediately.
- Service and maintenance must only be carried out by a Eurovema authorised technician.
- Only original parts from Eurovema may be used.
- The chair must not be equipped with any accessories or components other than those approved by Eurovema.
- Do not exceed the maximum stated user weight.
- Check that stop screws are fitted to the armrests and that there is a stop bearing in the back support attachment. These stops prevent the armrests and back support from coming loose when adjusted to their end positions.
- Under no circumstances must the user sit in the chair whilst it is being serviced, except when armrests and leg supports are being replaced and steps can be taken to ensure that the user does not fall out of the chair.

Chairs with adjustable seat tilt must be in the fixed position and the brake applied when the user gets in or out of the chair.

SYMBOL KEY

Warning	Read User Manual
Warning, risk of crushing	Seat tilt
Do not iron	Adjustable back tilt
Do not use dry cleaning solvents stronger than tetrachloroethylene	Back height
Do not use bleach	Seat depth
Do not tumble dry	Armrest height
Machine wash 60°	Operation button, electric function
Protect against liquid	Charging port
Handle with care	Input control
This way up	Total weight, chair + max user weight
Permitted temperature	Applied Part Type B
Permitted relative humidity	
Permitted height above sea level	
Manufacturing date	
Manufacturer	
For indoor use only	
Maximum user weight	
Serial number	
CE mark shows Compliance with European regulations	
Electrical components are to be sent for dedicated recycling	
The product is part of a recycling system	
Component weight exceeds 10kg	
Operation cycle	

WARNING

A product that exhibits impaired or changed performance must be taken out of use immediately. Contact the service organisation (Technical Aid Centre) or Eurovema AB immediately. The product may not be used again until it has been inspected by an authorised technician.

The product may not subjected to a load in excess of the stated maximum user weight as this may result in components being damaged, which may lead to accidents.

Check that the parking brake is activated when getting in or out of the chair. If it is not, there is a risk that the product will roll unintentionally, which may result in you falling.

Modifications to the product may only be made by an authorised technician in consultation with the prescriber. Should a custom adaptation be required, contact a Technical Aid Centre or Eurovema Mobility AB for advice. Modifications to the product will invalidate the CE mark and Eurovema will no longer accept any liability. Modifications carried out by an authorised technician that have been agreed with Eurovema may allow the CE mark to remain valid.

Repairs and technical service may only be carried out by personnel authorised by Eurovema Mobility AB in order for the CE mark to remain valid.

The product is intended to be used by the person and for the purpose for which it has been prescribed. The product has been configured for this person and its settings may not be changed by anyone other that the person who prescribed the product. If the product is to be transferred to another user, the chair must undergo a new test.

In certain circumstances, a product with an electric seat lift may elevate the seat to a height that will result in the user being unable to reach the floor with their feet, thereby creating the risk of a fall should the user attempt to get out of the chair from this position.

The components and parts of the product must be fitted in accordance with the assembly instructions in order to ensure that they are secure and do not come loose. All cables must be secured using cable ties.

In order to maintain the validity of the CE mark, the product may not be equipped with any components or accessories other than those approved by Eurovema Mobility AB.

Only electrical components specifically intended for use with the product may be connected to the product's control system. Components must be connected to the control system by an authorised technician.

In order to maintain the validity of the CE mark, and to ensure compliance with the terms of the warranty, only chargers and batteries specifically designated for the product and supplied by Eurovema Mobility AB may be used.

A product with electrical functions may experience interference from mobile telephones or other RF communication equipment.

The metal surfaces of the product can become hot if they are exposed to direct sunlight, and you may suffer burn injury if your skin come into contact with them. Do not expose the product to direct sunlight for an extended period of time.

The product is features many small parts and screws that, if they come loose, may pose a choking hazard for children and pets.

In certain configurations, the product is equipped with cables and wires that, for functional reasons, cannot be completely secured and, as a result, may constitute a risk of strangulation for small children.

The use of electric functions presents a risk of crushing to children and pets. Always make sure that no-one other than the user is in the immediate vicinity of the product when electric functions are used.

REPORTING OF ACCIDENTS AND INCIDENTS

EU-based manufacturers of medical devices are obliged to systematically track how their products work in practical use.

The awarding of a CE mark shows that the product has undergone a series of risk analyses and tests, with steps taken to minimise any risks identified as far as possible. If, despite everything, accidents or incidents occur, such events must be reported to Eurovema Mobility AB and the relevant national authority.

CLEANING

Work chair surfaces are to be cleaned using a damp cloth used in conjunction with a mild detergent, e.g. washing-up liquid. Place the chair on a stable surface and apply the brake. Seat upholstery can be cleaned using commercially available upholstery cleaners. Loose covers can be machine washed at 60°.

NB Cleaning must be done in a well ventilated are and not in the presence of any naked flames.

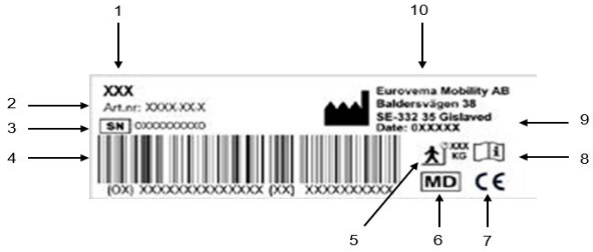
STORAGE

The work chair must be stored in a dry environment at room temperature. Keep the chair away from high temperatures, intense cold, and strong sunlight. Metal surfaces can become very hot if exposed to sunlight. In instances of intense cold, allow the chair to come to room temperature before use. In addition, do not expose the chair to water, other liquids, or chemicals.

LABEL

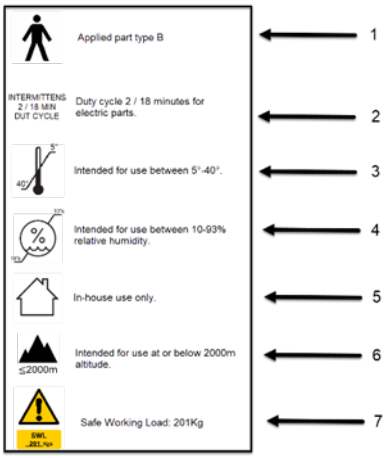
The label on the product contains important information.

1) Product name
2) Part number
3) Serial number UDI-PI
4) Barcode
5) Max. user weight
6) Medical device
7) CE marking
8) Read the manual before use
9) Manufacturing date
10) Manufacturer's name



SECONDARY LABEL

1) Applied part type B
2) Intermittent function 2 / 18 min
3) Permitted room temperature
4) Permitted relative humidity
5) For indoor use only
6) Permitted height above sea level
7) Safe Working Load



CE MARKING

The product is CE-marked in accordance with the Medical Devices Regulation (MDR 2017/745) of the European Parliament. The CE mark can be found on the label. The product is compliant with the requirements of the following standards:
EN1335-2:2018 Office furniture. Office work chair-Safety requirements

EN 60601–1:2007 Medical electrical equipment - part 1: General requirements for basic safety and essential performance.

60601-1-2:2015 Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances.

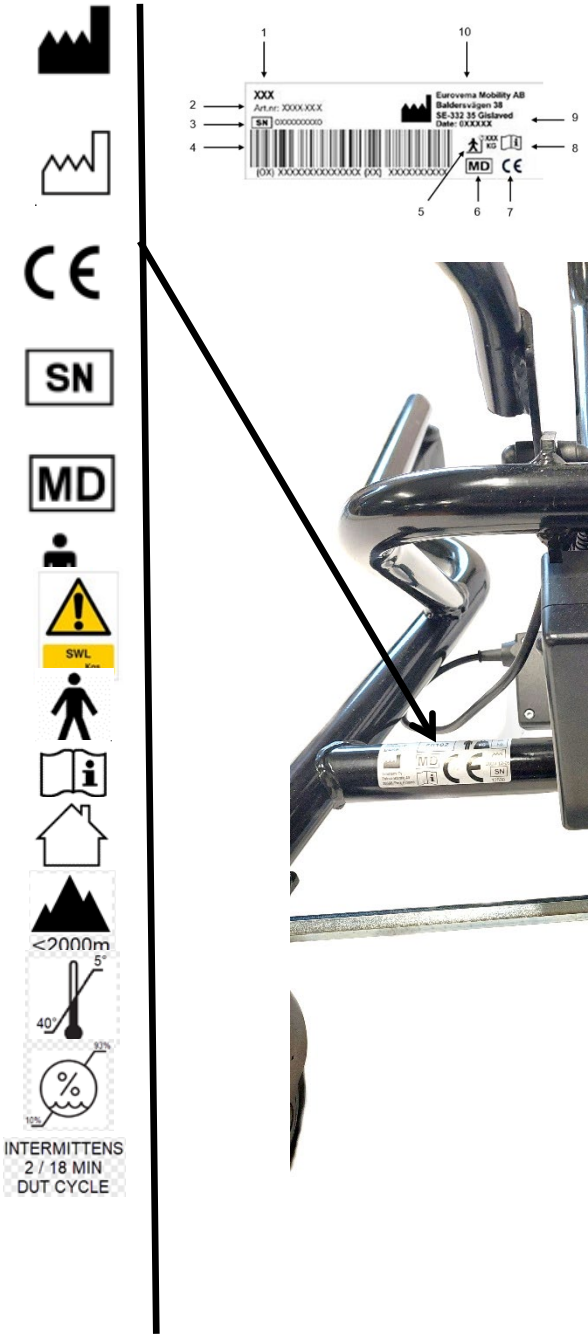
SS-EN 1021–2:2014 Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source: Gas flame equivalent to a lit match.

SS-EN 1021–1:2014 Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source: Burning cigarette.

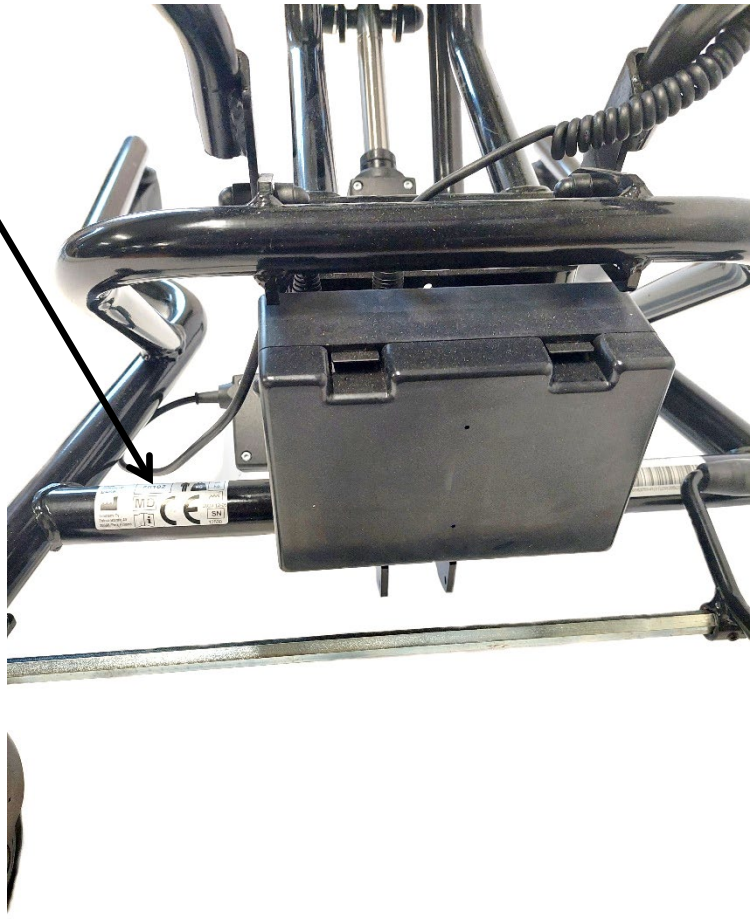
SS-EN ISO 21856:2022 Assistive products – General requirements and test methods

SS-EN ISO 14971:2020 Application of risk management for medical devices.

OVERVIEW - MARKING



Loose covers can be machine washed.



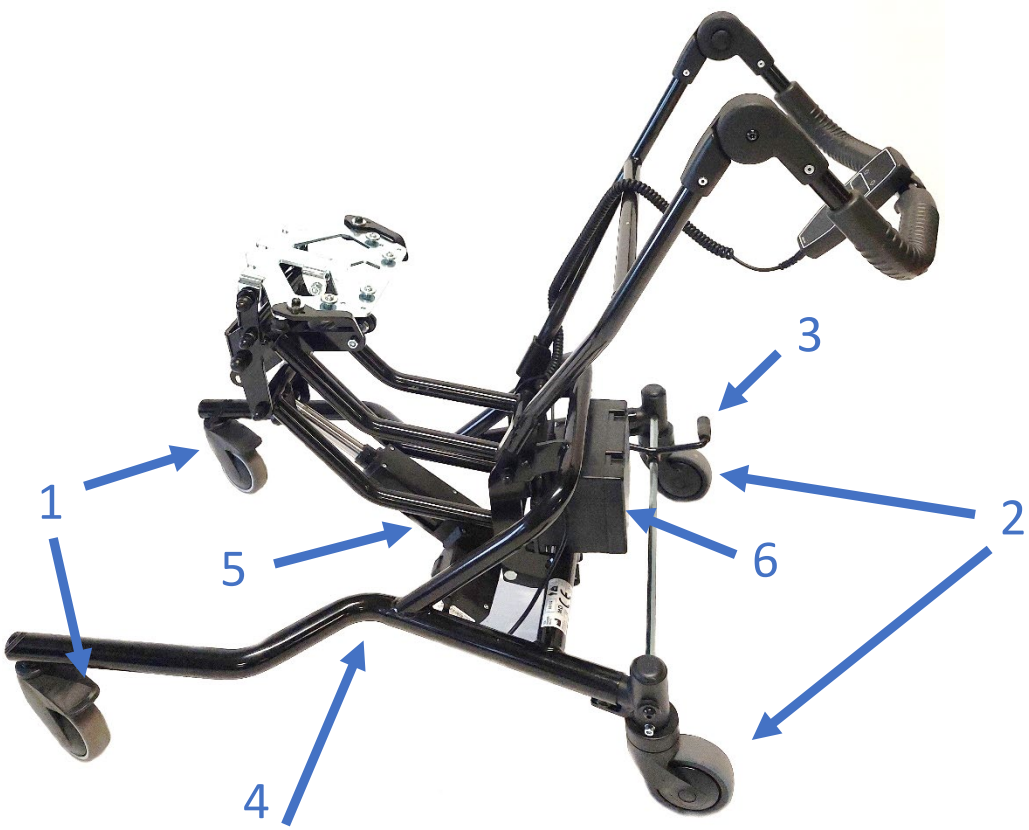
Crush risks are reported in connection with instructions for each function that may constitute a risk of crushing. Marking appears on the chair where there is a risk of crushing.

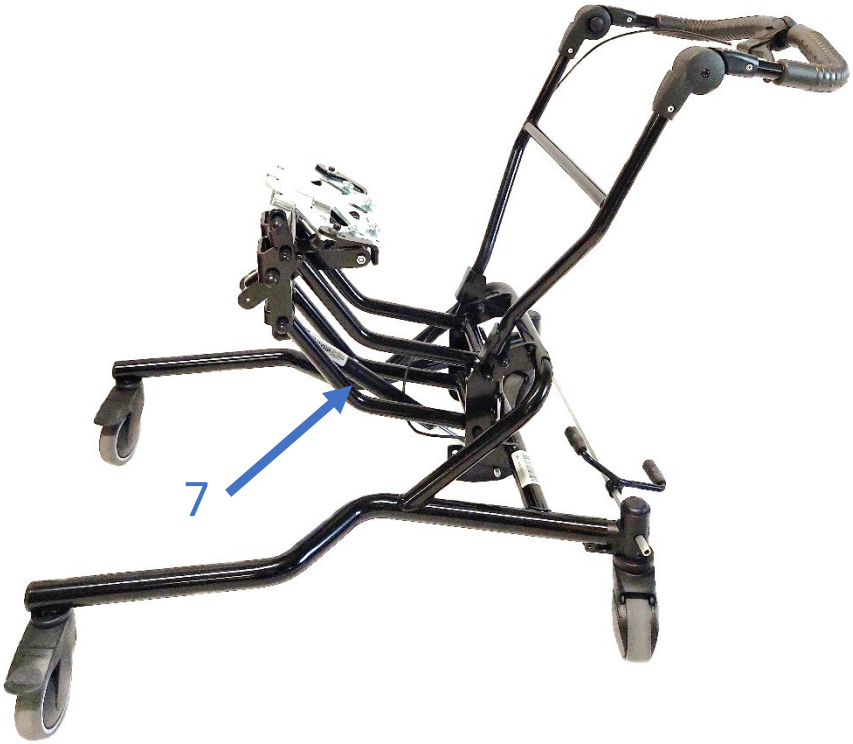
OVERVIEW - SEAT

1) Seat
2) Back support
3) Armrest
4) Side support
5) Footplate
6) Handle
7) Tilt control
8) Back mechanism

CHASSIS OVERVIEW

1) Calliper-braked front wheels
2) Centrally-braked rear wheels
3) Parking brake pedal
4) Chassis
5) Seat lift motor
6) Electronics/battery
7) Lifting piston, gas

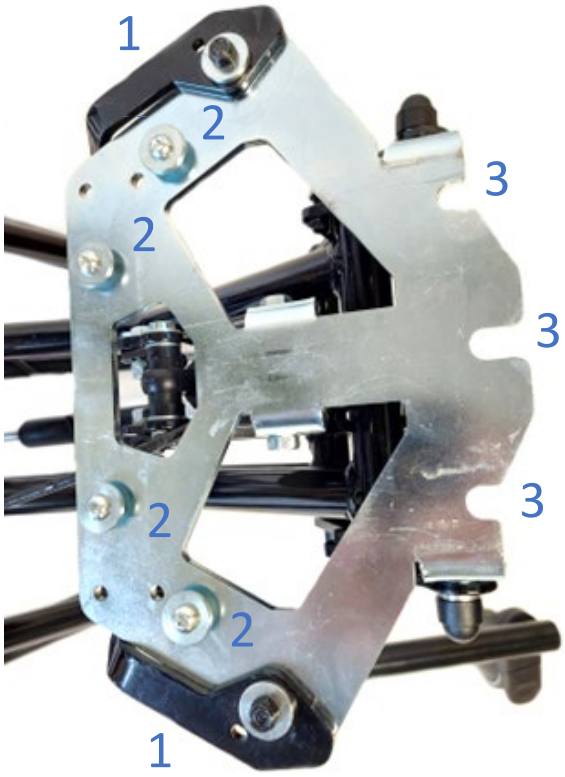


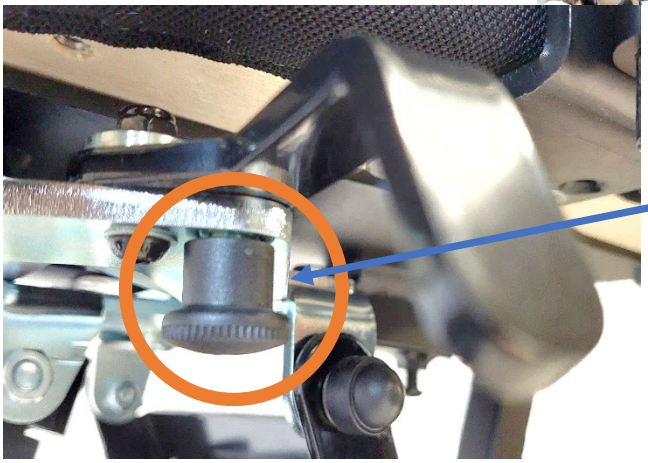


FITTING/REMOVING SEAT

The seat is fitted in a quick-release mounting and is easy to fit/remove if necessary.

1) When fitting the seat, the locking levers (1) must be pushed back as shown in the figure.
2) Insert the seat from the front so that the adapter plate under the seat engages in the spacers (2) and the notches in the front edge (3).
3) Once the seat is in position, push both locking levers (1) back, check that the snap locks (4) have sprung back and that the levers are locked.





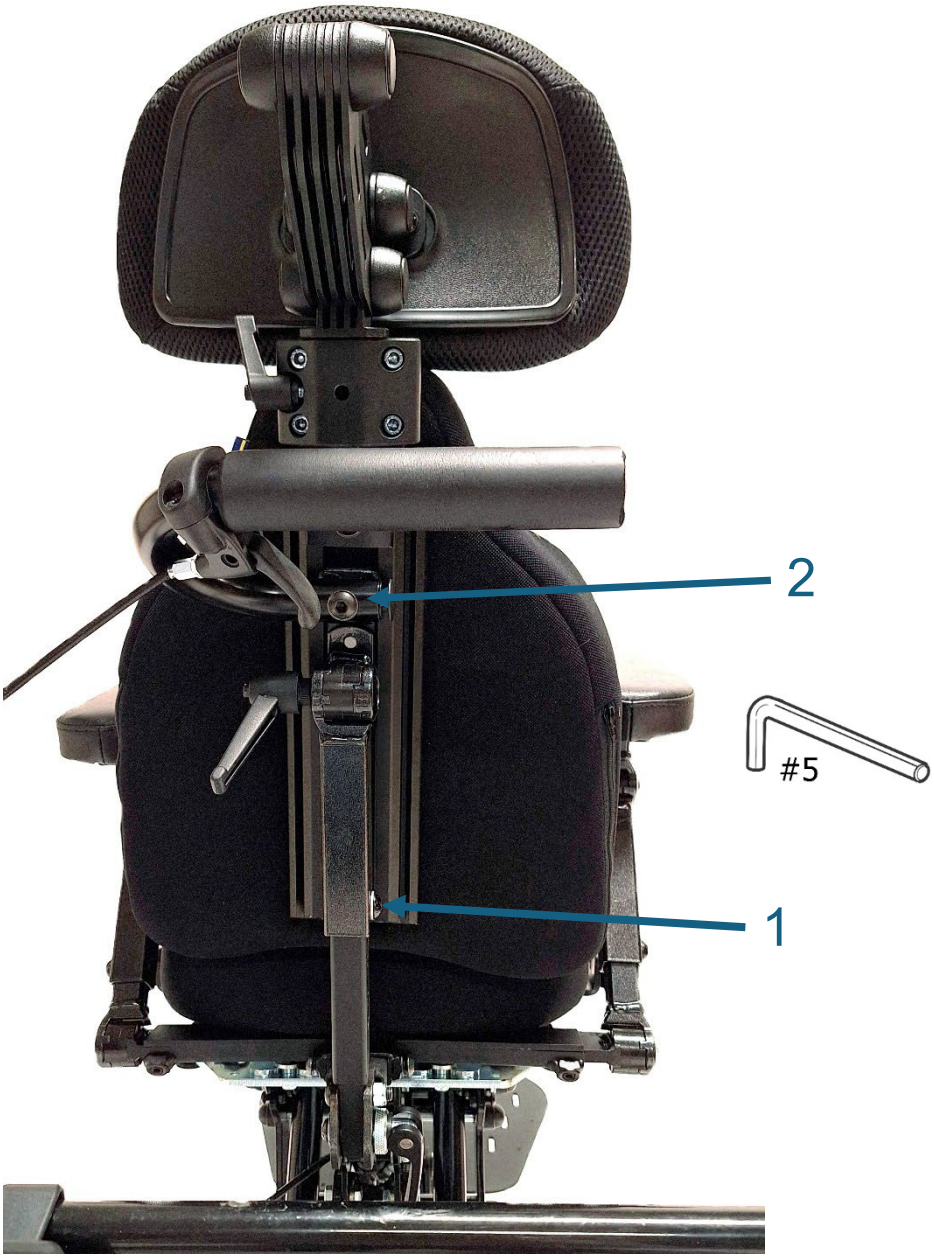
BACK SUPPORT - HEIGHT

The height of the back support can be adjusted using a lever.

1) Loosen the screw (1) by turning it ½ turn anticlockwise.
2) Set desired height.
3) Lock the back by turning the screw clockwise.

The back support can be further raised using an adjuster the aluminium profile.

1) Loosen the screw (2) by turning it ½ turn anticlockwise.
2) Set desired height.
3) Lock the back by turning the screw clockwise.



BACK SUPPORT - TILT

The back tilt and back cushion are individually adjustable.

Adjustable back tilt

1) Fold out the locking lever (1)
2) Set desired back tilt.
3) Fold back the locking lever (1)

Back cushion

1) Loosen the lever (2) by turning it one turn anticlockwise.
2) Set the desired angle of the back cushion.
3) Lock the lever by turning it clockwise.

Take care, there is a risk of crushing

SEAT DEPTH (BACK SUPPORT)

Seat depth can be adjusted using the back support. Set the desired seat depth by moving the back support mechanism backwards or forwards. Fine adjustment is done by tilting the back cushion.

1) Fold out the locking lever (1).
2) Tilt the back mechanism backwards to increase seat depth, tilt forwards to reduce seat depth.
3) Fold back the locking lever (1).
4) To fine tune seat depth, tilt (2) the back cushion as described in the instruction on the previous page.

SEAT DEPTH (BACK MECHANISM)

Seat depth can be adjusted by moving the entire back mechanism forwards/backwards.
1) Loosen the screws (1) on each side of the back support a few turns anticlockwise using a 5 mm Allen key.
2) To reduce seat depth, slide the back mechanism forwards. To increase seat depth, slide the mechanism backwards.
3) Fully tighten the screws

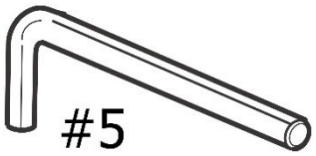
ARMREST - HEIGHT

RAISING

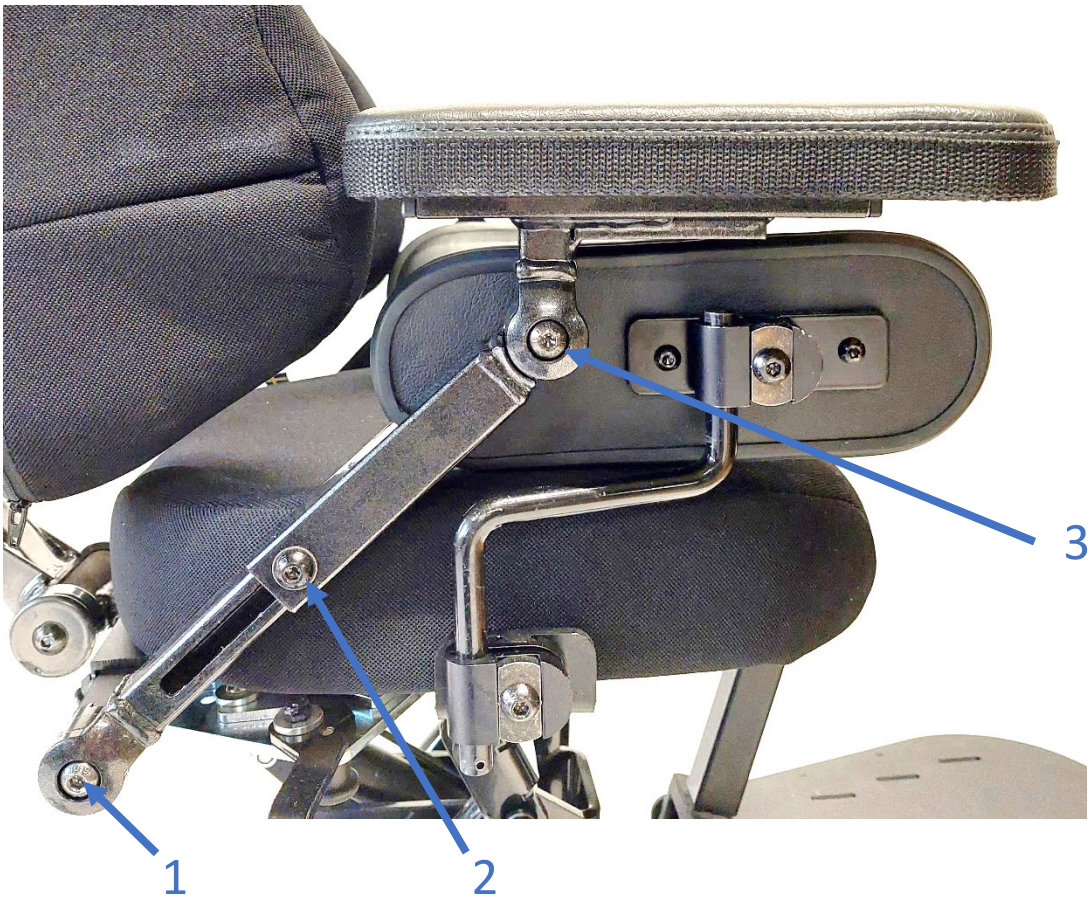
1) Loosen the screws (**1**), (**2**), and (**3**) a few turns anticlockwise.
2) Tilt the pillar backwards at screw (**1**). Whilst doing this, move the armrest platform forwards and upwards to the desired height.
3) Tighten screws (**1**) and (**2**) clockwise
4) Adjust the horizontal tilt of the armrest platform and tighten screw (**3**) clockwise

LOWERING

1) Loosen the screws (1), (2), and (3) a few turns anticlockwise
2) Tilt the pillar forwards at screw (**1**). Whilst doing this, move the armrest platform backwards and downwards to the desired height.
3) Tighten screws (**1**) and (**2**) clockwise
4) Adjust the horizontal tilt of the armrest platform and tighten screw (**3**) clockwise

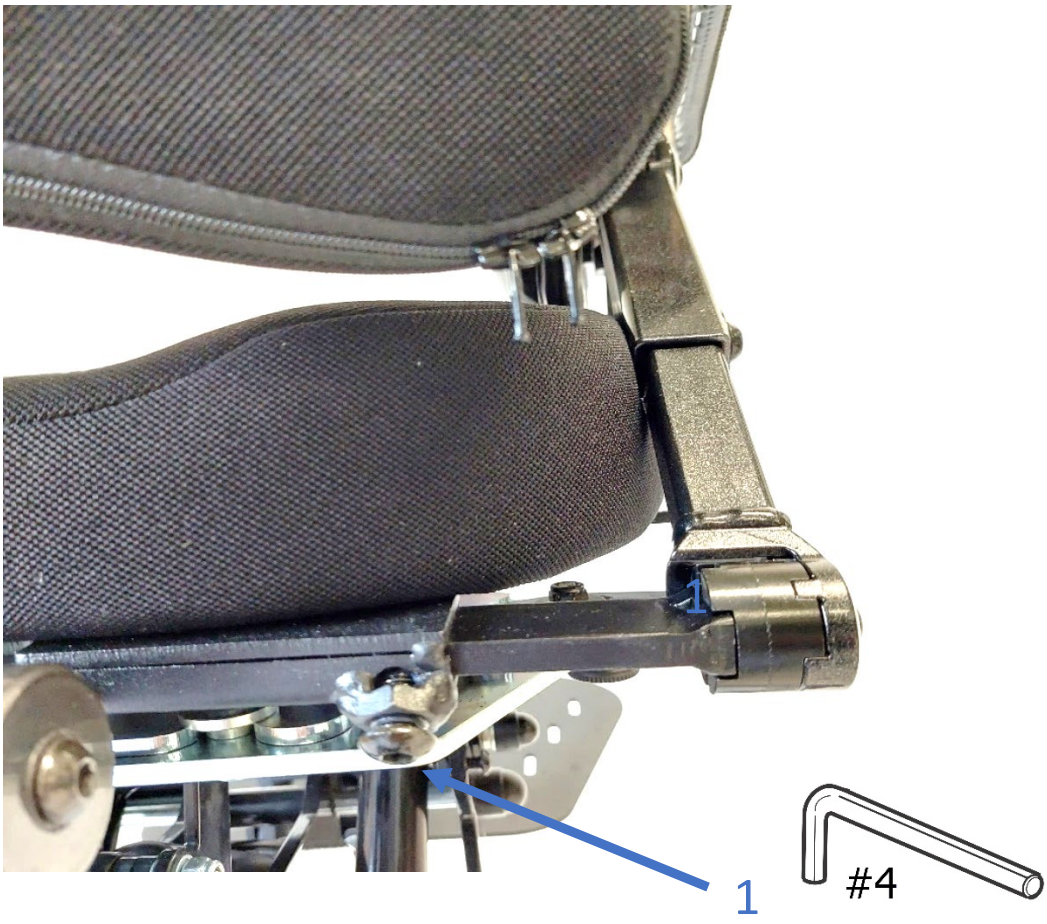


Warning - risk of crush injury



ARMREST - WIDTH

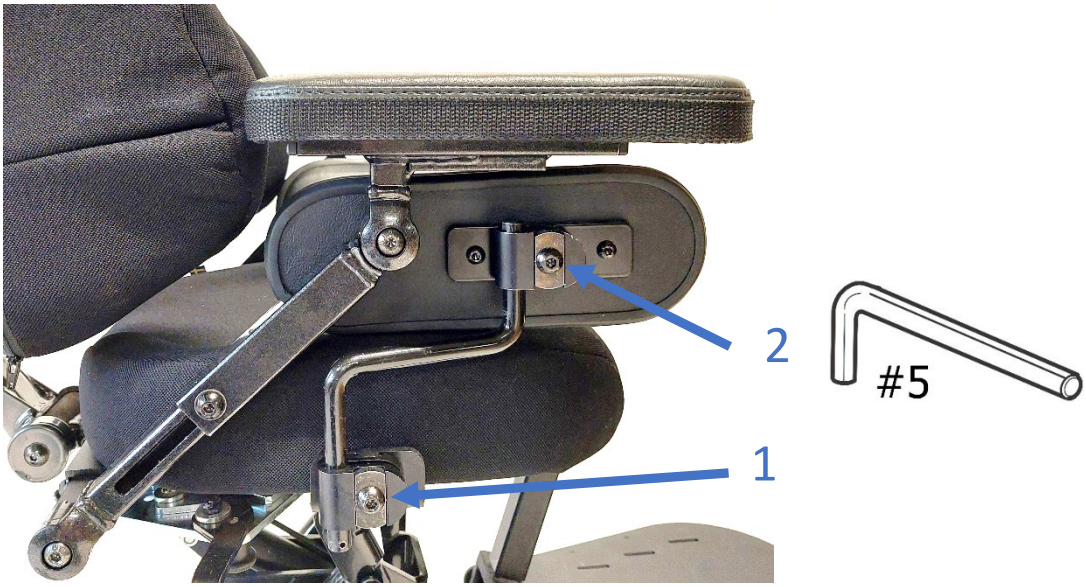
1) Loosen the screw (**1**) a few turns anticlockwise.
2) Adjust the width to the desired position.
3) Tighten the screw clockwise.



SIDE SUPPORT

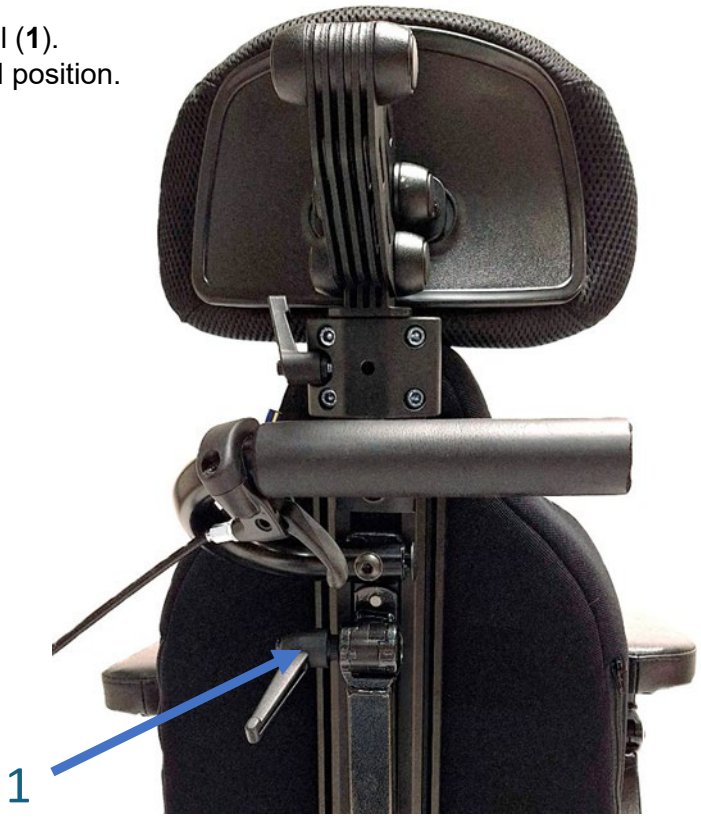
The side support is adjustable in four dimensions - width, height, horizontal tilt, and depth. In addition to reducing seat width, the side support can also be used to provide pelvic support by being moved to the furthest position back in the seat.

1) Loosen screws (**1**) and (**2**) one turn.
2) Adjust to the desired position and fully tighten the screws.



TILITING THE SEAT

1) Press and hold the control (**1**).
2) Tilt the seat to the desired position.



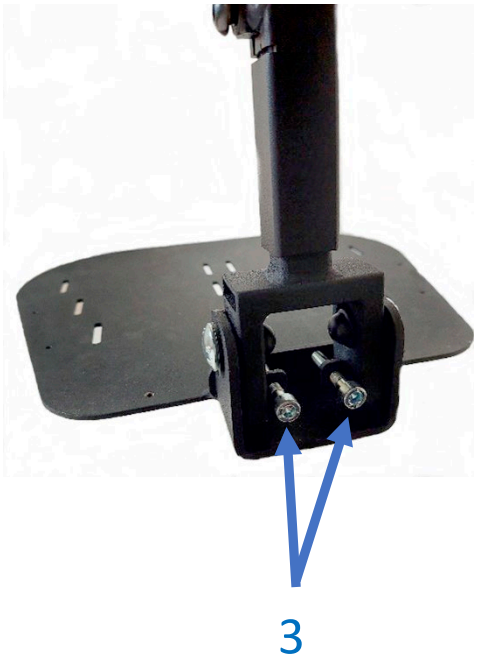
FOOTPLATE

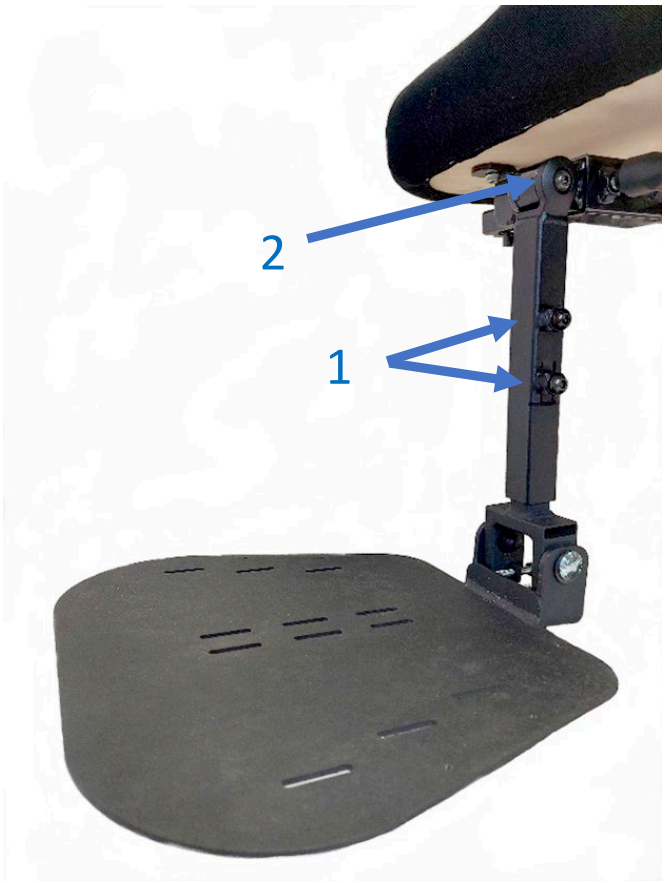
The footplate is hight and tilt adjustable.

Adjust the height of the footplate by loosening the screws (1). Once the desired height has been reached, tighten the screws.

Adjust the tilt of the footplate post by by loosening the screw (2). Once the desired angle has been reached, tighten the screw.

The angle of the footplate itself can be adjusted by undoing the nuts that lock the screws (3) in position. Screw these clockwise to tilt the footplate up, or anticlockwise to tilt down. Once the desired position has been reached, tighten the nuts.





SEAT HEIGHT - ELECTRIC AND GAS

Electric

1) Seat height is controlled using the button located on the control box.

Take care when lowering the seat to ensure that there is nothing gets crushed. When raising the seat with the chair under a table/desk, there is a risk that your legs may be crushed.

Gas

1) Press and hold the control.
2) Raise or lower the seat. If someone is sitting in the seat, it may be necessary to use the hand control on the back support to raise and lower the seat.

Take care when lowering the seat to ensure that there is nothing gets crushed. When raising the seat with the chair under a table/desk, there is a risk that your legs may be crushed.

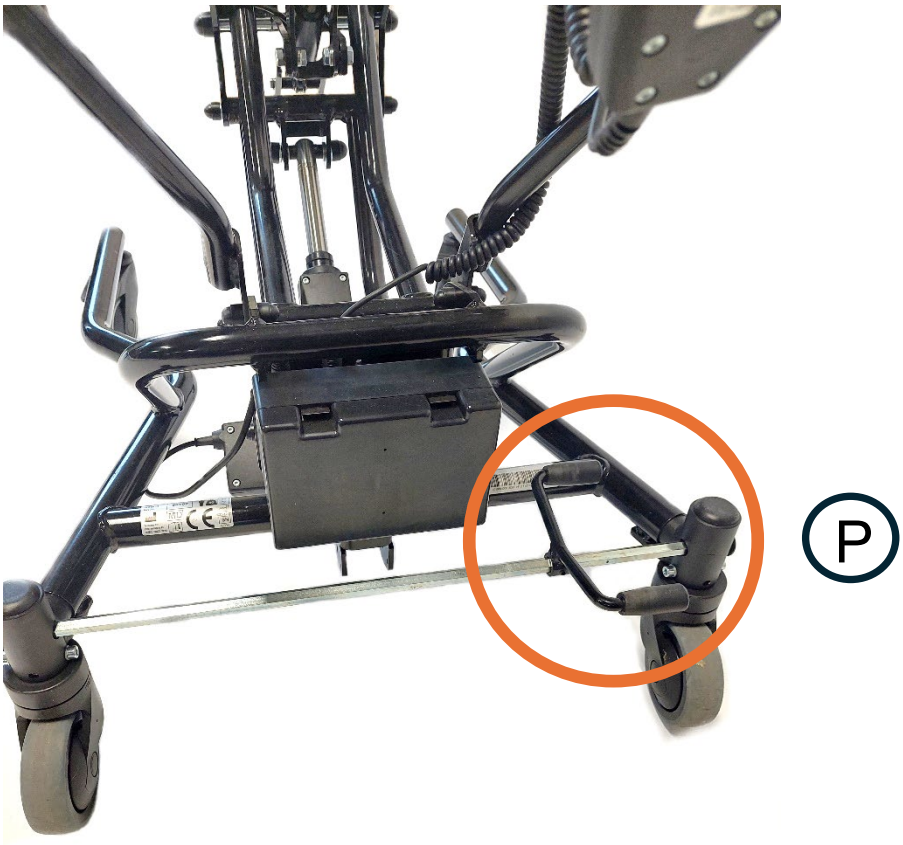
BRAKE

The rear wheels have three positions; rotation locked, unlocked or braked.

Brake the chair by pressing down on the rear pedal of the brake pedal and release the brake by moving the pedal up to the horizontal center position.

Move the pedal forward/down to lock the wheels in rotation.

Always apply the brake before getting in or out of the chair.



HAND CONTROL

The hand control is height-adjustable.
1) To adjust the hand control, press and hold the buttons (**1**).
2) Adjust to the desired position and release the buttons (**1**)

CHARGING - GENERAL

To ensure full battery performance for as long as possible, it is important that the battery is charged regularly. In an average use scenario, charging the battery every other day is a good guideline. If possible, charge the battery during the day. Seat functions cannot be used whilst the battery is charging. If the chair is to be kept in long term storage, the battery should be charged once every 4 weeks to prevent it discharging to the critical level where the charger no longer starts charging. During charging, place the chair so that the cable connected can be easily connected and disconnected.

Do not leave the chair charging for extended periods of time. The maximum permissible time is 4 weeks in a row. Do not leave the charging cable connected to the chair charging port once charging is complete.

Regular charging is particularly important for chairs with electric brakes, electric seat tilt, and electric back support tilt in order to ensure that the user can safely get in and out of the chair.

The chair needs to be charged when the electronics box emits an audible signal. Connect the charger plug to the charging port on the left hand side of the hand control (**1**). The LED (**2**) on the charger will initially be green and then switch to orange when charging starts. Once charging is complete, the LED (**2**) will turn green again. Disconnect the charger from the wall outlet and then disconnect from the hand control.

TECHNICAL DATA - CHARGER

LINAC CH01

Data	Facts
Input voltage	100-240VAC 50-60Hz
Input current	Max 0.5A
Output current	0.5A
Output voltage	28 +0.3/-0.6V DC
Operating temperature	+5 - +40°C
Protection class	Class 2
Protective enclosure	IP X4

TECHNICAL DATA - ELECTRONICS

Data	Facts
Input voltage	24 V DC
Normal operational voltage	24 V DC
Directive	IEC60601-1:2005 edition 3 ANSI/AAMI 60601-1:2005 edition 3
Protective enclosure	IP X4
Work cycle	10% max or 2 min on 18 min off

TECHNICAL DATA - BATTERY

FGS20121A

Data	Facts
Battery	2.9 Ah
Battery type	AGM
Operating temperature, charging	+4 °C to +40 °C
Operating temperature, discharging	+4 °C to +40 °C

REPLACING THE BATTERY

For information about the battery replacement procedure, see Installation Instruction.

Repairs and other procedures on the battery may only be carried out by a technician with the relevant expertise.

TECHNICAL DATA - SEAT SYSTEM

Data	Facts	
Seat (width x depth)*	26x31, 29x32, 32x36, 36x40, 36x45, 40x40 cm	
Seat width between armrests	24 - 34.5 cm	
Seat depth	18 - 45 cm	
Seat height, gas (height to underside of seat)*	29 - 62 cm	
Seat height, electric (height to underside of seat)	27 - 61 cm	
Seat tilt	-12 to +30° in highest seat height, -12 to +20° in lowest.	
Back support, height adjustable*	Seat: 26x31 & Back: 25x32	29-43 cm
	Seat: 29x32 & Back: 27x37	38-48 cm
	Seat: 32x36 & Back: 27x37	38-48 cm
	Seat: 36x40 & Back: 35x43	43-51 cm
	Seat: 36x45 & Back: 35x43	43-51 cm
	Seat: 40x40 & Back: 35x43	43-51 cm
Back support LS		
	Seat: 26x31 & Back: 14x32	29-43 cm
	Seat: 29x32 & Back: 17x37	38-48 cm
	Seat: 32x36 & Back: 17x37	38-48 cm
	Seat: 36x40 & Back: 24x43	43-51 cm
	Seat: 36x45 & Back: 24x43	43-51 cm
	Seat: 40x40 & Back: 24x43	43-51 cm
Back tilt	-16° to +45° in highest seat height, -16° till +30° in lowest.	
Armrest height, adjustable	0 – 24 cm	
Armrest platform	25x8x3 & 25x8x5 cm	
Upholstery	Black Atlantic	

*) The range stated on the right in the column is back height adjustment range.

TECHNICAL DATA - CHASSIS

Data	Facts
Chassis, width	55 cm
Chassis length	77 cm
Brake	Chassis mounted
Wheel diameter	100mm
Weight (gas)	18.4 kg
Weight (electric)	23.4 kg

TECHNICAL INFORMATION

Data	Facts
Class	Work Chair - ISO 180903
Weight (gas)	30 kg
Weight (electric)	34 kg
User weight, max.	70 kg
Battery	24V 2.9 Ah AGM

ENVIRONMENT

Condition	**Temperature**	**Humidity**	**Atmospheric pressure**
Normal use	5°C - 40°C	10% - 93% RH	50kPa – 106kpa
Storage and transport	-5°C - 40°C	10% - 93% RH	50kPa – 106kPa

DESTRUCTION

Products that are to be permanently put out of use must be disassembled and sorted at source. Assembly and disassembly instructions can be found on the website in the *Assembly Instructions* section. Detailed diagrams can also be found on the website in the *Exploded Diagrams* section. Point your browser towww.eurovema.se

Private individuals should contact Eurovema for more information. Eurovema will assume responsibility for destruction.

Disassembled components are to be sorted in accordance with the **table below**.

The disassembly process is not risk-free. There is a chance you may suffer crush injury or burn injury if you do not follow the procedure correctly. Disassembly must be carried out by an authorised technician.

Metal	Electronics	Combustible
Chassis	Control electronics	Seats
Seat cross	Connection boxes	Back support
Actuator	Hand controls	Armrest cushions
Back mechanism	Rocker control	Detachable upholstery covers
Armrest posts		Neck support cushions
Leg support		Trunk support cushions
Accessory attachments		Other filling materials
Seat lift, Gas		
Lifting pillar, electric		
Foot ring		
Cables		

Batteries

Discarded lead batteries must be sent to a recycling centre.