User Manual, English

EUROFLEX®

Work chair JUNIOR

Eurovema

Rev: 01/07/2024

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 is 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
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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.
- Maximum user weight is 80 kg, depending on the seat system used.
- To adapt the chair to heavier users, please contact Eurovema.
- 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, and subjected to third-party testing by an independent testing body. 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.

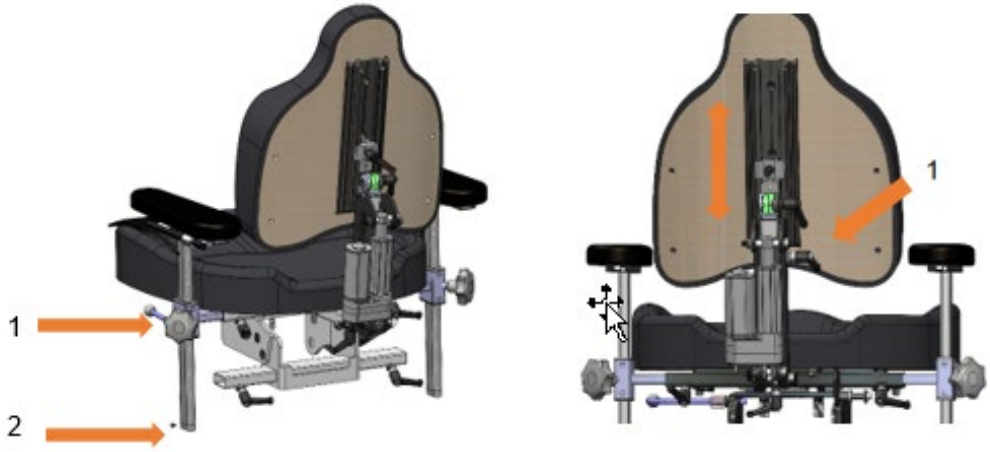
SERVICE AND WARRANTY

If the work chair is used on a daily basis, it should be sent to for inspection once every other 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, stipulated maintenance intervals, and intended use. If your chair requires servicing, please contact your local Technical Aid Centre.

We give a 4-year warranty on the metal structures in our products, a 2-year warranty on other parts except upholstery, wheels, and batteries, which come with a 1-year warranty. 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**.

ASSEMBLY UPON DELIVERY

- Open the packaging and check that no damage has occurred during transit. The work chair is supplied with the back support and folding armrests not fitted.
- The armrests are equipped with stop screws, and the back support features a stop ball that must be pressed in during assembly and disassembly to prevent them from releasing when adjusting the back rest to its end position.
- Fit the back support and armrests as shown in the figures and tighten the lock knob (1).
- Fit stop screws (2) using a Phillips screwdriver.



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 a stop bearing in the back support attachment, this prevents them from coming loose when adjusting the back support to its end position.
- 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	 Safe Working Load
 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.

On products with an electric brake, it is important the the battery is not completely discharged as this will result in the brake ceasing to work. In such situations, and if the brake is not already applied, the chair may roll when you sit down or get up, with a risk of falling as a result.

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

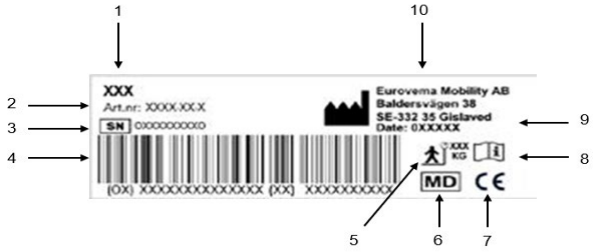
The work chair must be stored in a dry environment at room temperature. Keep the chair away from high temperatures, intense cold, and strong sunlight. Metal surfaces can become very hot if exposed to sunlight. In instances of intense cold, allow the chair to come to room temperature before use. In addition,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

LABEL

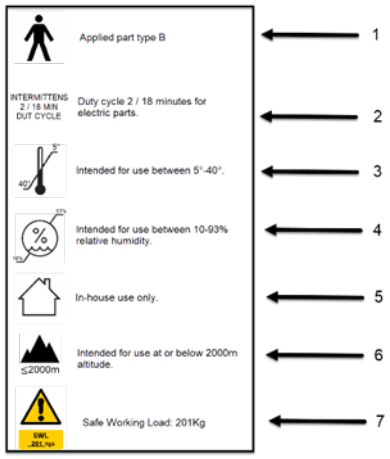
The label on the product contains important information.

1) Product name
2) Item 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 standard.
EN1335-2:2018 Office furniture. Office work chair-Safety requirements

EN 60601–1:2006 Medical electrical equipment - part 1: General requirements for basic safety and essential performance.

60601-1-2:2014 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 (ISO21856-2022)

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 UNIT

1) Seat
2) Back support
3) Armrest
4) Chassis
5) Seat lift
6) Leg support

Alternative seat systems and leg supports are available.

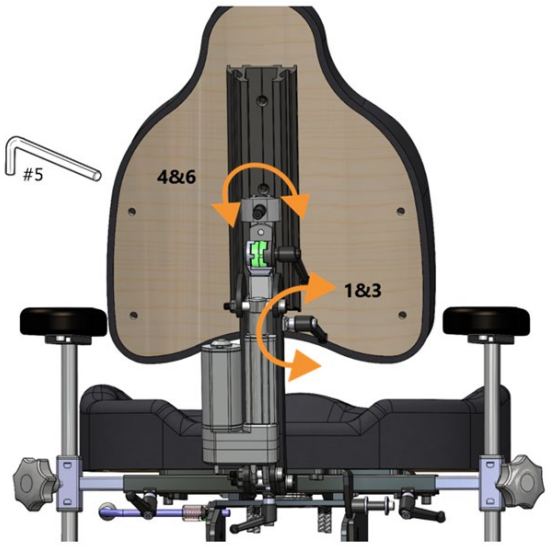
CHASSIS OVERVIEW

1) Front wheel
2) Braked wheel
3) Parking brake lever
4) Foot brake
5) Chassis, Junior 52
6) Brake rod

BACK SUPPORT - HEIGHT

The back support is height adjustable using a screw and a lever.

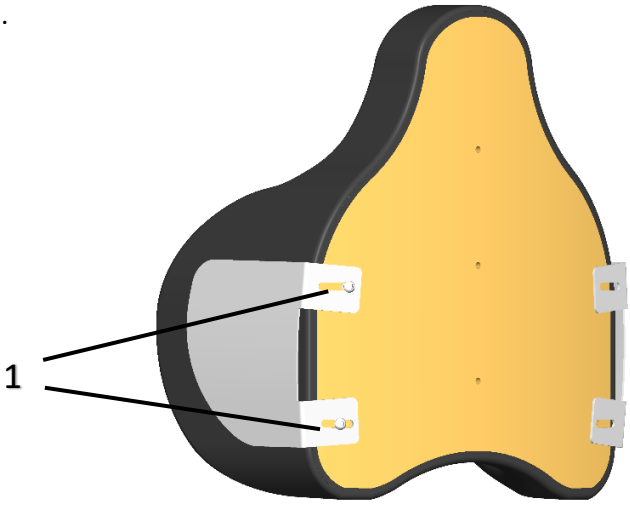
1) Loosen the lever a ½ turn by turning it anticlockwise.
2) Set desired height.
3) Lock the back by turning the lever clockwise a ½ turn.
4) To adjust the height further, loosen the adjustment screw a few turns.
5) Set desired height.
6) Lock adjustment screw.
The adjustment screw can be replaced with a locking wheel.



Side support, LS Back

The side supports are adjustable horizontally.

1) Loosen the screws (1) a few turns using a 4mm Allen key.
2) Adjust to the desired width.
3) Tighten the screws.



BACK SUPPORT - MANUAL TILT

The back tilt and back cushion are individually adjustable.

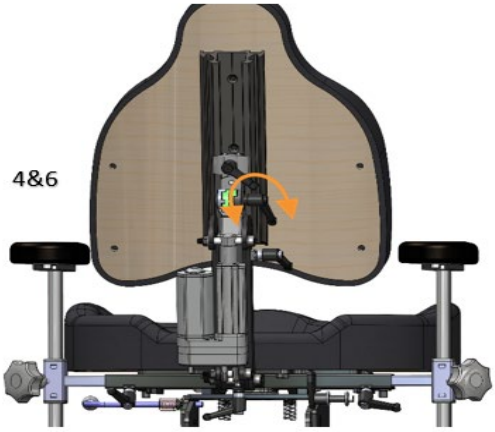
Adjustable back tilt

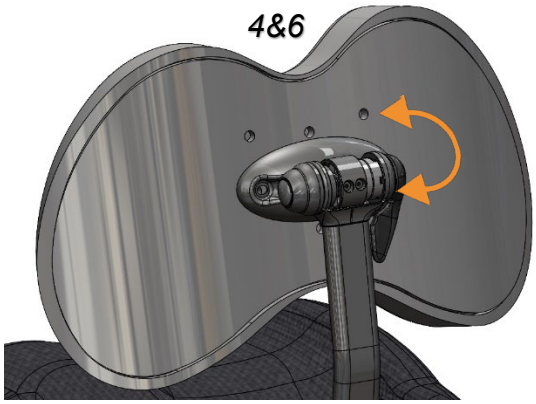
1) Undo the safety screw and lever to tilt the entire back mechanism backwards or forwards.
2) Set desired back angle.
3) Lock safety screw and lever

Back cushion

4) Loosen the lever by turning it anticlockwise a ½ turn.
5) Set the desired angle of the back cushion.
6) Lock the lever by turning it clockwise a ½ turn.

Observe caution due to the risk of crushing



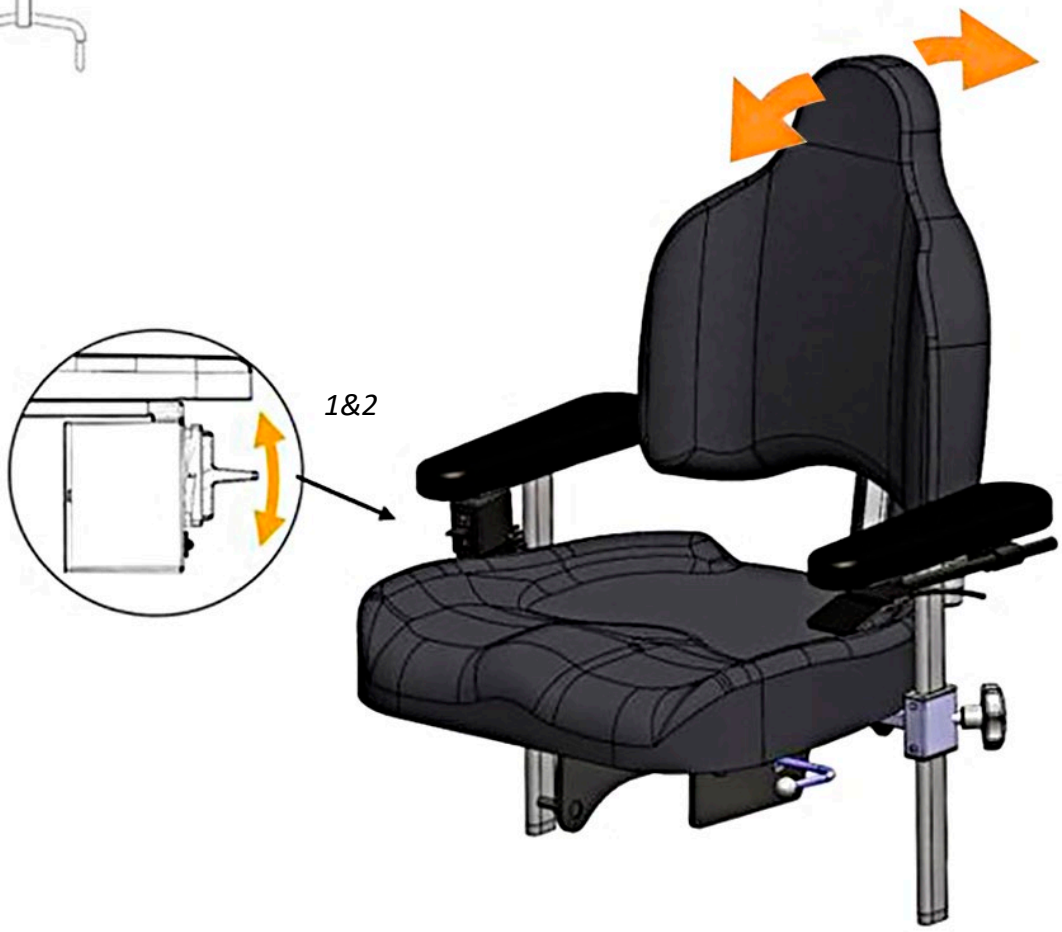


BACK TILT - ELECTRONIC

The back mechanism tilt is electronically adjustable.

1) Tilt back by moving the rocker power switch upwards.
2) Tilt forwards by moving the rocker power switch downwards.

Do not adjust the back tilt in the immediate vicinity of another person as there is a risk of crushing.



BACK SUPPORT - SEAT DEPTH

Seat depth can be adjusted using the back support. Set the desired seat depth by moving the back support backwards or forwards. Fine tuning of the seat depth can also be done using the back tilt.

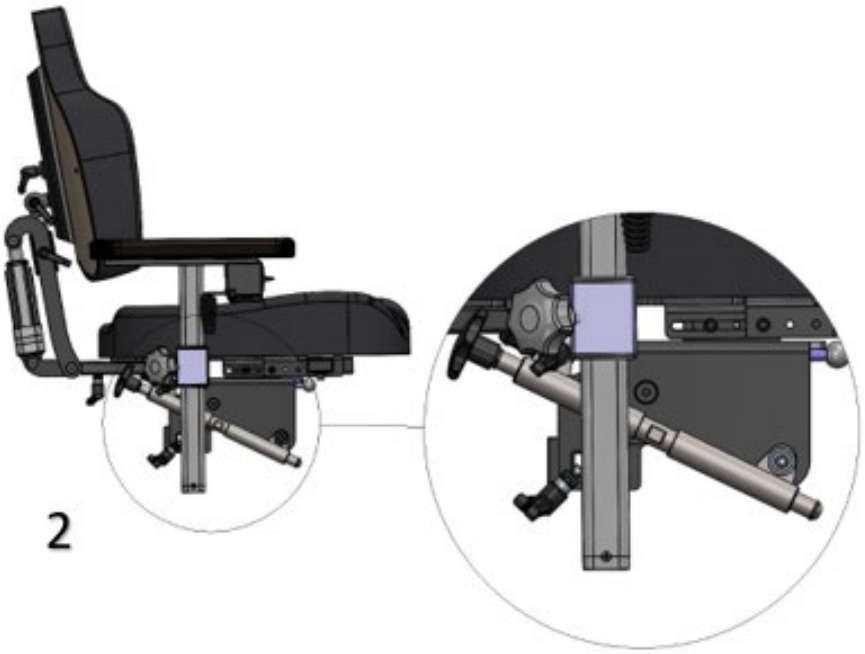
1) Loosen the locking screw/knob under the seat on the rear edge.
2) Push in or pull out the back mechanism to the desired seat depth.
3) Tighten the locking lever/screw.
4) Fine tune using the back tilt, see previous section *Back Tilt*

1&3

SEAT TILT - MANUAL

The seat angle is adjustable in several ways. Manual tilt mechanisms are:
Turnbuckle (1) and Crank (2).
1) The turnbuckle is adjusted using a 17mm box wrench.
2) Crank tilt is adjusted by turning the wheel. Turn clockwise to tilt forwards. Turn anticlockwise to tilt back.

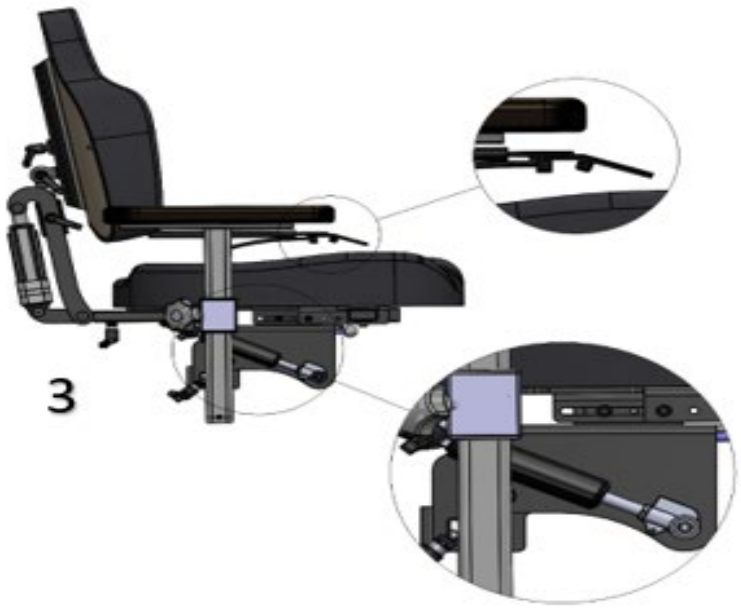
Make sure that no-one can be crushed when the seat tilt is adjusted.



SEAT HEIGHT - GAS AND ELECTRIC

3) Gas-controlled seat tilt is regulated using the control located under the armrest cushion. To adjust the seat angle, press the control upwards towards the armrest cushion and release once the desired angle has been reached. The control can be moved from right to left side.
4) Electric seat tilt is controlled using either the rocker switch located under the armrest or the hand control. See separate instruction for hand control.

Make sure that no-one can be crushed when the seat tilt is adjusted.



ARMREST - FIXED

1) To adjust the height, loosen the wheel **1)** a few turns anticlockwise and set to the desired height.
2) Tighten the wheel clockwise.
3) To adjust width, loosen the lever **2)** a ½ turn anticlockwise and adjust to the desired width.
4) Tighten the lever clockwise.

ARMREST - RETRACTABLE

The armrest can be folded backwards by pulling the spring-loaded control **1)** upwards and pushing the armrest backwards at the same time.

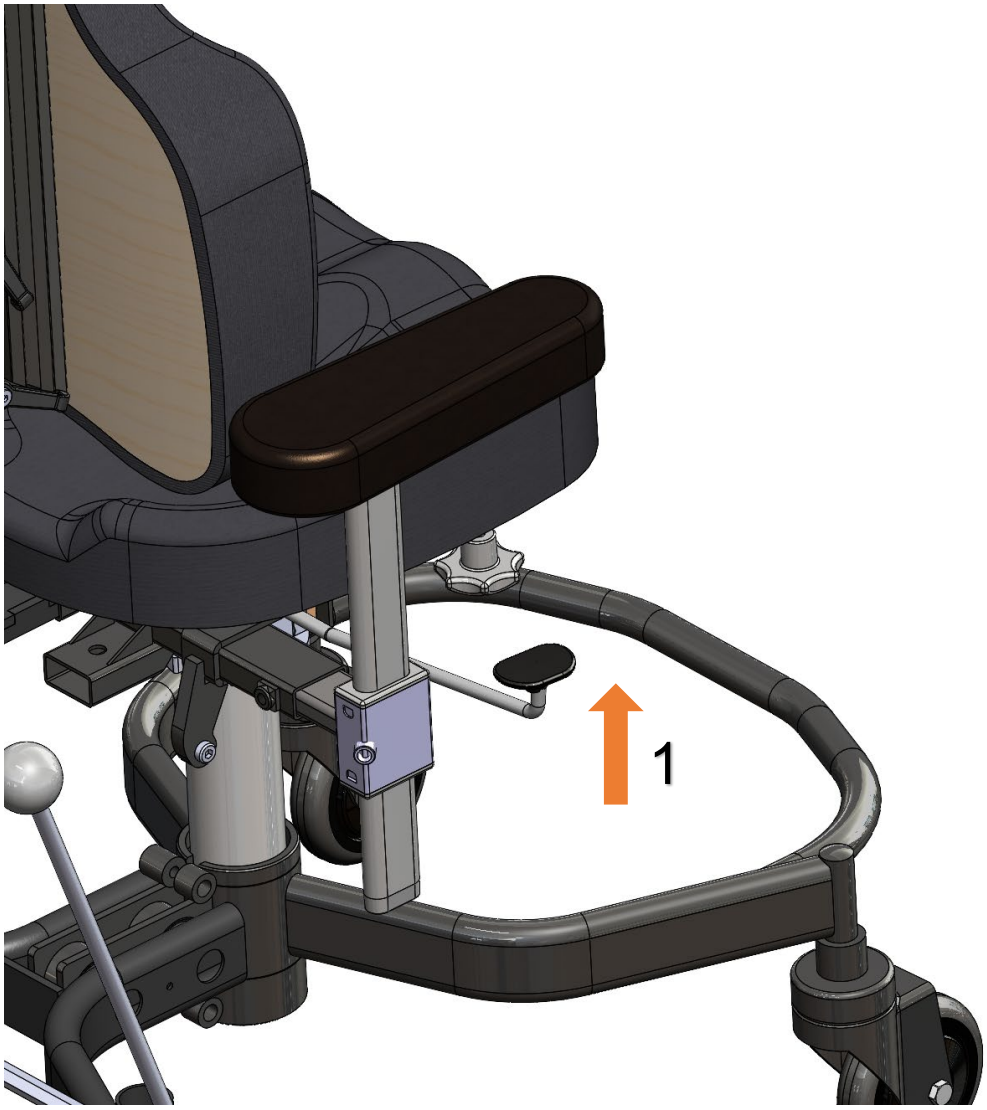
1) The height of the armrest is adjusted by the lever or screw **2)** being loosened a ½ turn anticlockwise. If the armrest is equipped with a screw, use Allen key no. 5
2) Tighten the lever or screw **2)** once the desired height has been reached.
3) For width adjustment, see the previous section.

Make sure that no-one can be crushed when the armrest is lowered.

SEAT HEIGHT - MANUAL

1) Raising and lowering of the seat is done by moving the lever (1) down. The seat is lowered using the user's body weight. The lever must be held in the down position.
2) Release the lever once the desired seat height has been reached.

Take care when lowering the seat to ensure that nothing or no-one gets crushed when raising the seat. When the chair is placed under a table/desk there is a risk that your hands or legs may be crushed.



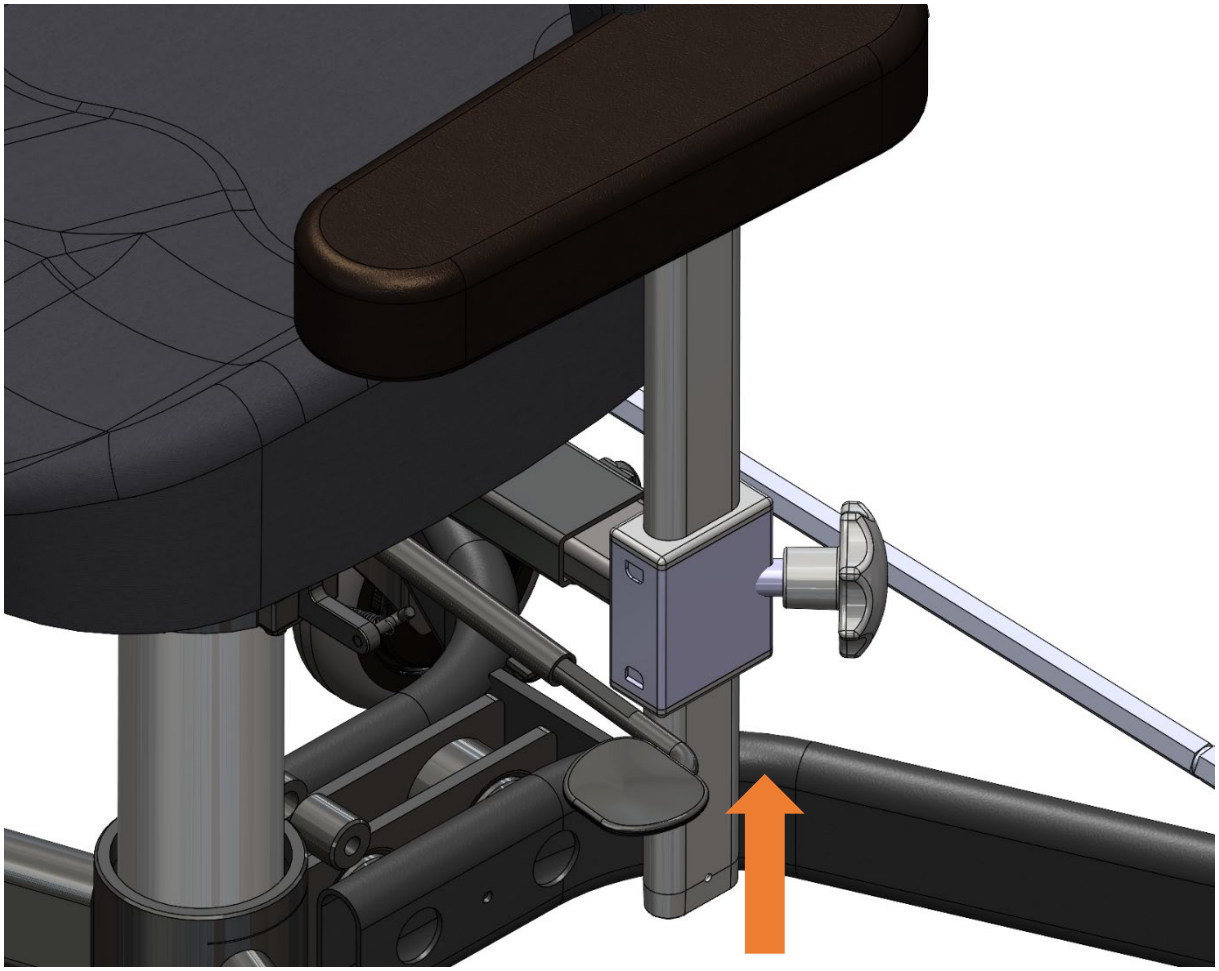
SEAT HEIGHT - ELECTRIC

1) To raise or lower the seat, move the rocker switch upward to raise the seat and downwards to lower the seat.
Hand control are available as an optional extra.

Take care when lowering the seat to ensure that nothing or no-one gets crushed when raising the seat. When the chair is placed under a table/desk there is a risk that your hands or legs may be crushed.

SEAT ROTATION

Seat rotation is available as an optional extra. The seat can be rotated 90° in both directions, with a centre point of 45 degrees. Apply the chair brake. Move the lever upwards whilst turning the seat. Release the lever once the desire position has been reached.



FOOTPLATE - HEIGHT

1) Loosen the safety screw **(1)** a few turns using Allen key no. 4.
2) Loosen the screw **(2)** a few turns and adjust to the desired height using Allen key no. 5.
3) Tighten the screw (2) and the safety screw (1).

Do not stand on the footplate. The chair will tip forwards.

LEG SUPPORT, FULL FOOTPLATE - TILT

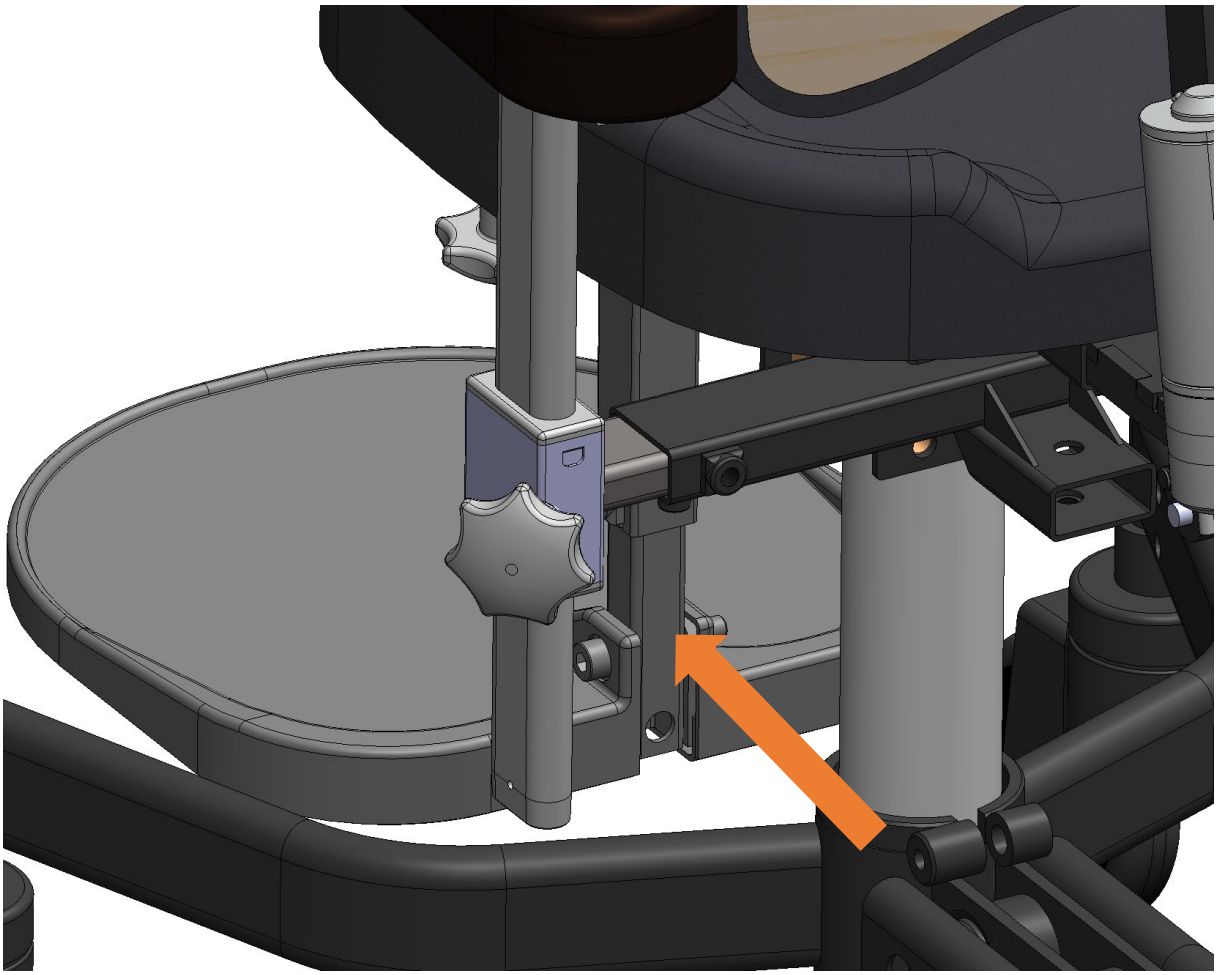
1) Loosen the screw **(1)** a few turns using Allen key no. 5
2) Adjust to the desired angle.
3) Tighten the screw.

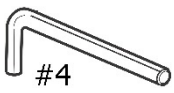
Do not stand on the footplate, the chair will tip forwards

FOOTPLATE - TILT

The footplate can be adjusted horizontally. To tilt it downwards, turn the screw anticlockwise using Allen key no. 4 until the desired angle is reached. To tilt upwards. turn the screw clockwise.

Do not stand on the footplate, the chair will tip forwards





BIFURCATED FOOTREST - HEIGHT

1) Completely undo the screw **(1)** and adjust the footplate to the desired height using Allen key no. 5.
2) Once the desired height has been reached, refit the screw and tighten it.

Do not stand on the footplate, the chair will tip forwards

BIFURCATED LEG SUPPORTS - TILT

The leg supports are angle adjustable. Loosen the screw a few turns using Allen key no. 5. Adjust to the desired position and tighten the screw.

Do not stand on the footplate, the chair will tip forwards

BIFURCATED FOOTPLATES - ANGLE

The angle of the footplate can be adjusted to a position that is comfortable for the user. Undo the screw **(1)** using Allen key no. 5 a few turns and adjust the angle. Tighten the screw once the desired angle has been reached.
The footplate can be lifted to facilitate getting in and out of the chair, see Figure 2.

Do not stand on the footplate, the chair will tip forwards

FOOT RING

The foot ring can be folded backwards to facilitate getting in and out of the chair.

Fold the foot ring away before getting out of the chair in order to reduce the likelihood of a fall.

LEVER BRAKE AND FOOT BRAKE

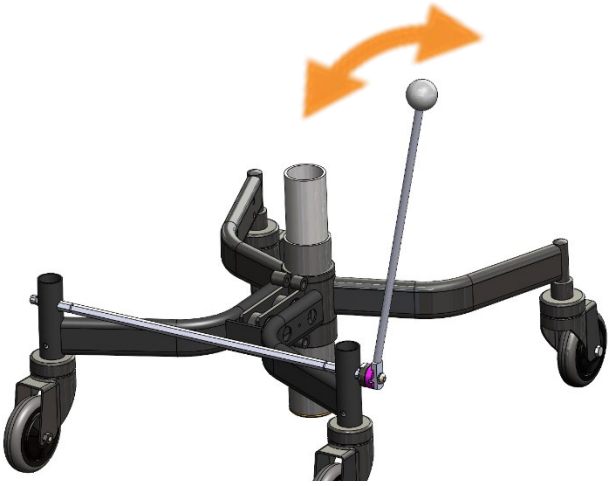
Lever brake

Brake the chair by moving the brake lever forwards. Release the brake by moving the lever backwards.

Foot brake

Brake the chair by stepping on the front part of the pedal. Release the brake by stepping on the rear part of the pedal.

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



The brake lever is angle adjustable and can be moved from one side to the other,

Angle adjustment.
Undo the screw a few turns to release the gear lock.
NB Do not completely undo the lever.

Adjust the angle of the lever to the desired position and firmly tighten the screw.

Make sure that the lever sits firmly in the desired position.

Move the brake lever to the other side.

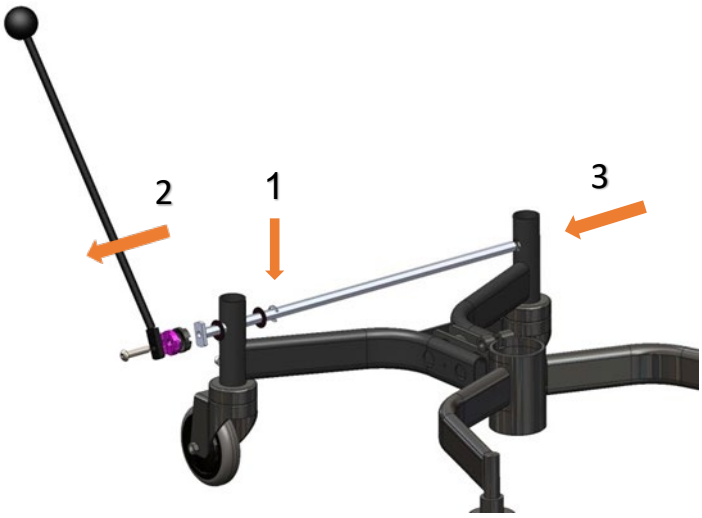
Loosen lock ring (1)

Pull the brake rod out of the chassis. Keep the plastic washer from the lock ring to fit on the other side.

Insert the brake rod from the side you intend the lever to be on. Fit the plastic washer on the inside of the chassis and then insert the brake rod right through the chassis.

Then fit the lock ring using the plastic washer. Normally, this should be positioned closest to the chassis.

Adjust the angle of the lever as described in the section above.



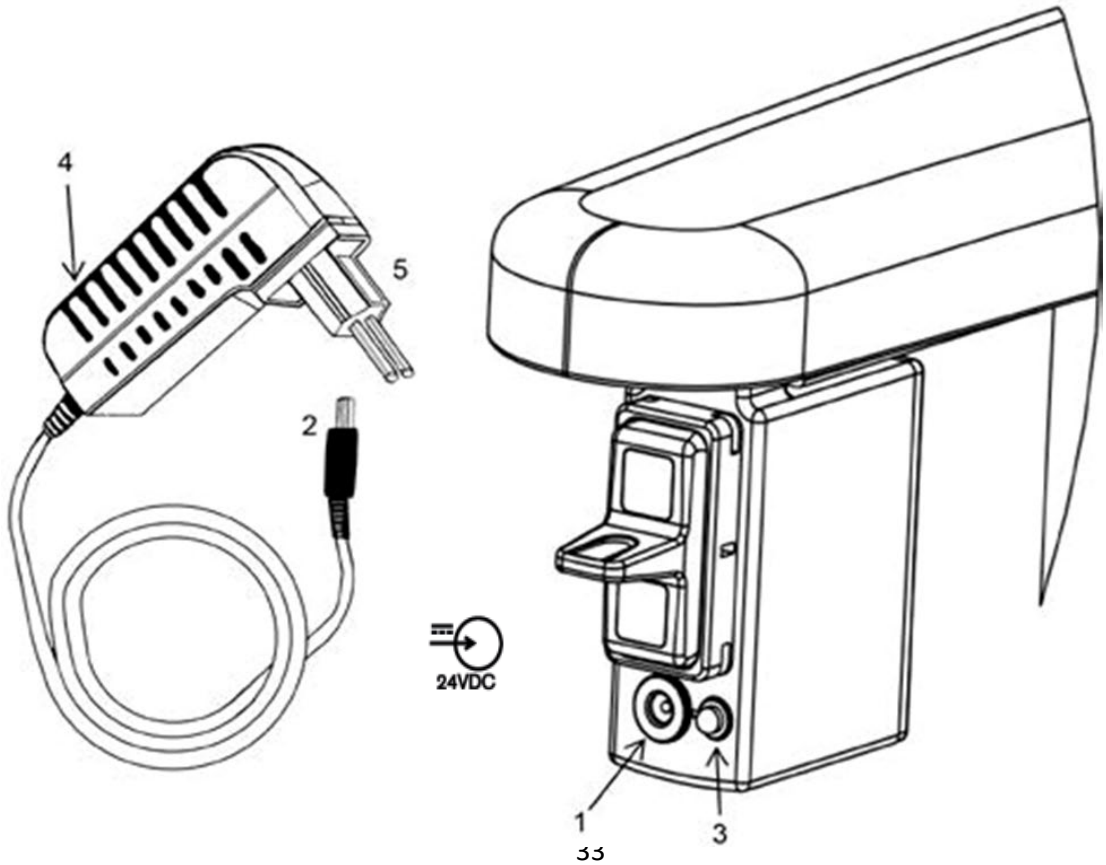
CHARGING - GENERAL

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.

1) The chair needs to be charged when the LED (3) comes on constantly whilst none of the chair's functions are being used. If the LED comes on when an electrical function is being used, it is time to charge the battery.
2) Connect the charger plug (2) to the chair charging port (1). The LED on the charger will be green.
3) Connect the charger to a 220V wall outlet. The LED on the charger will change to a constant yellow light.
4) Once charging is complete, the LED will change to a constant green light.
5) Disconnect the charger from the wall outlet and then disconnect from the chair.



CHARGER INDICATORS

Charging at maximum current

Top charging, constant voltage Flashes yellow

Charge complete, Maintenance charging

Battery not connected Flashes green

Fault codes

2 red flashes, battery connected but wrong polarity

3 red flashes, charger output shorted

4 red flashes, battery voltage too low

5 red flashes, charging time too long

6 red flashes, damaged battery

LED not illuminated, battery voltage too high

TECHNICAL DATA - CHARGER

	MASCOT 3743
Data	Facts
Input voltage	100-240VAC 50-60Hz
Input current	Max 0.5A
Output current	0.56A
Output voltage	29.4V DC max
Operating temperature	-25 - +40°C
Protection class	Class 2
Protective enclosure	IP 41

TECHNICAL DATA - ELECTRONICS

Data	Facts
Input voltage	24V-40V
Max output current	14A
Normal operational voltage	21–28.5V
Max motor current per motor	3.5A
Standby consumption	200uA
Directive	ROHS 2011/65/EC
Protection class	Class 2
Protective enclosure	IP21
Work cycle	Intermittent on 2 min/off 18 min

TECHNICAL DATA - BATTERY

FGS20121A

Data	Facts
Battery	2 x serially connected 12V 1.2Ah
Battery type	AGM
Max discharge current	18A in 5 seconds
Material in enclosure	ABS UL94 HB
Material in battery box	Xantar FC19R UL94 V.0
Operating temperature, charging	-15 to 40°C
Operating temperature, discharging	-15 to 50°C

REPLACING THE BATTERY

To replace the battery, the entire battery box must be replaced. For information about the battery replacement procedure, see installation instruction.

Repairs and other procedures on the battery may only be carried out with the approval of Eurovema. The battery box contains no user serviceable parts and must not be opened. Only Eurovema-approved batteries may be used.

TECHNICAL DATA - SEAT SYSTEM

Data	Facts
Seat (width x depth)*	29x32, 32x36, 36x40,36x45, 40x40, 40x45 **32x36, 36x40, 40x40, 40x46
Seat width between armrests	27-52cm
Seat depth	32-45cm
Seat height, gas (height to underside of seat)*	37.5–47, 41–56, 48-68cm
Seat height, electric (height to underside of seat)	41–57, 45-70cm
Seat tilt, electrical and gas	-20 to 12°
Seat tilt, crank and turnbuckle	-16 to 20°
Back support, height adjustable*	37-54cm
Back (width x height)*	30x37, 37x43cm ***17x37, 24x43, 28x45 **28x20, 32x20, 32x35, 28x33, 32x42
Back tilt	30°
Armrest height, adjustable	0-26cm
Armrest plate, child	25x8x3cm
Upholstery	Black Atlantic

*Varies according to model
**ABC Seat and Back
***SitRite LS back

TECHNICAL DATA - CHASSIS

Data	Facts
Chassis, width	52cm
Chassis length	55cm
Brake	Chassis mounted
Wheel diameter	100mm

TECHNICAL INFORMATION

Data	Facts
Class	Work Chair - ISO 180903
Weight, electrical	35kg
Weight, gas	34kg
User weight, max.	80kg
Battery	24V 1.2Ah AGM
SWL	95kg

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 to www.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. P

Metal	Electronics	Combustible
Chassis	Control electronics	Seats
Seat cross	Connection boxes	Back support
Back mechanism	Cables	Armrest cushions
Armrest posts	Hand controls	Detachable upholstery covers
Footrest	Rocker control	Neck support cushions
Attachments on accessories	Battery box (batteries must be isolated)	Trunk support cushions
Seat lift, gas	Electric actuator	Other filling materials
Foot ring	Lifting pillar, Electric	

Batteries

Discarded lead batteries must be sent to a recycling centre.