



Orlando[™] Range

Instruction Manual

Terminologies

Patient

The person sitting in the chair.

User

Competent person with responsibility for the persons sitting in the chair as well as the suitability of the equipment for the Patient. The User is responsible for checking the chair for faults during the course of its use.

All instructions must be read and understood before the chair may be used.

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Orlando™

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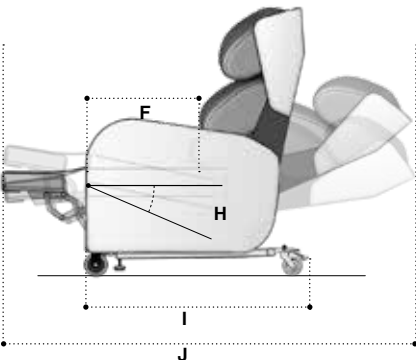
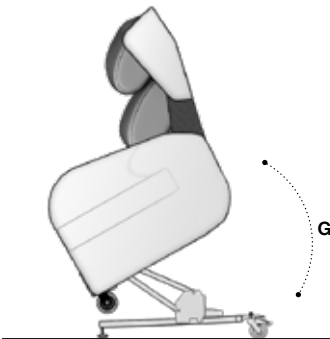
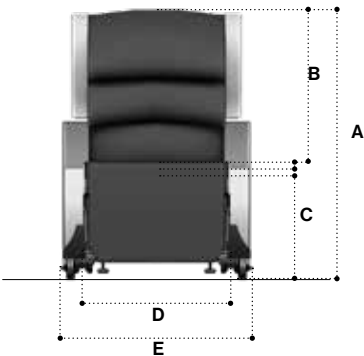
Orlando™ Bariatric

(including Bariatric Plus model)

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20" Seat Height shown.



Motor Functions

Back Recline | Leg Rest Elevation, Rise & Tilt In Space

Basic Dimensions

A Overall Height	46" / 1170mm	
B Back Height	29" / 730mm	
C Seat Height	16" / 400mm	3" Seat Cushion
	18" / 450mm	5" Seat Cushion
	20" / 500mm	5" Seat Cushion +75mm Castors

D Seat Widths (SW)	E Overall Widths
18" / 450mm	24" / 620mm
20" / 500mm	26" / 670mm
22" / 550mm	28" / 720mm
24" / 600mm	30" / 770mm

Seat Depth

F 18" / 450mm - 22" / 550mm

Adjustable by placing the back in the appropriate bracket.
(See page 08)

Rise Angle

G 10°, 20° & 30° Foward Tilt Options & Vertical Rise

Seat Tilt Angle

H 26° Backward Tilt

Overall Length

I 48" / 1200mm

J 71" / 1800mm

Patient Weight Limit

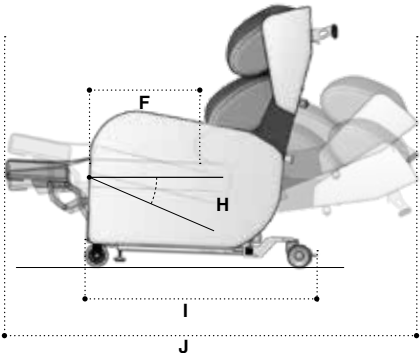
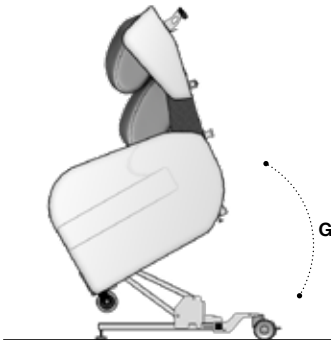
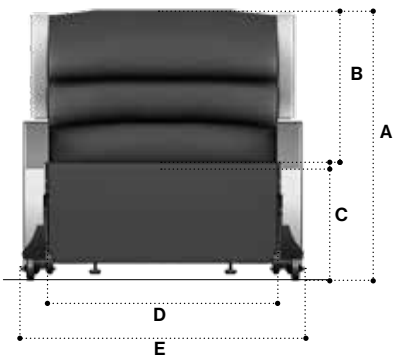
SW 450mm - 550mm	25St / 158kg / 350lb
SW 600mm	35St / 222kg / 490lb

Leg Lift Capacity

SW 450mm - 600mm	9.5St / 60kg / 133lb
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Chair Weight Unloaded

SW 450mm	10.8St / 68.5kg / 151lb
SW 500mm	10.9St / 69.5kg / 153.2lb
SW 550mm	11.1St / 70.5kg / 155.4lb
SW 600mm	11.4St / 72.5kg / 159.8lb



Motor Functions

Recline | Leg Rest Elevation | Rise | Tilt In Space

Recline | Leg Rest Elevation | Rise

Bariatric Plus

Basic Dimensions

A Overall Height	46" / 1170mm
B Back Height	29" / 730mm
C Seat Height	20" / 510mm 4" Seat Cushion
	21" / 535mm 5" Seat Cushion
	18" / 450mm 4" Seat Cushion
	19" / 480mm 5" Seat Cushion

Bariatric Plus

Bariatric Plus

D Seat Widths (SW) E Overall Widths

26" / 650mm	32" / 820mm
28" / 700mm	34" / 870mm
30" / 750mm	36" / 920mm
34" / 850mm	45" / 1040mm

Bariatric Plus

Seat Depth

F 18" / 450mm - 26" / 650mm

Adjustable by removing fibre filling or removing lower waterfall cushion.

Rise Angle

G 30° Forward Tilt & Rise

Seat Tilt Angle

H 26° Backward Tilt (SW 650mm - 750mm Only)

Bariatric Plus does not have Tilt in Space functionality

Bariatric Plus

Overall Length

I 48" / 1200mm

J 71" / 1800mm

Patient Weight Limit

SW 650mm - 750mm 40St / 254kg / 560lb

SW 850mm 70St / 450kg / 980lb

Bariatric Plus

Leg Lift Capacity

SW 650mm - 750mm 20St / 127kg / 280lb

SW 850mm 22St / 140kg / 308lb

Bariatric Plus

Chair Weight Unloaded

SW 650mm 12.8St / 81kg / 179lb

SW 700mm 13St / 83kg / 183lb

SW 750mm 13.4St / 85kg / 188lb

SW 850mm 15St / 95kg / 210lb

Bariatric Plus

Orlando Handset

The Orlando standard model has Back Recline, Leg Rest Elevation, Vertical Rise and Tilt In Space Functionality.



Braking Castors (20" Seat Height Option Only)

To lock the chair in position.

Locking castors are used for ease of transport of the chair and are **not** designed for moving the Orlando chair while someone is seated.

To engage the braking castor simply press the pedal with your foot until it clicks in place. (fig.1a).

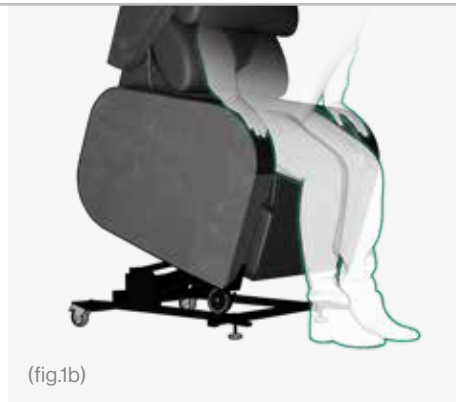
All braking castors must be in the braked position while chair is in use. (fig.1b).



(fig.1)



(fig.1a)



(fig.1b)

Back Angle Recline

To recline the back of the chair (fig.2).

Use the buttons on the handheld remote to move the back of the chair slowly until it is in the required position (fig.2a & fig.2b).

Exercise care in case of injury to the patient or damage to the surrounding environment.



(fig.2)

To sitting position.



To reclined position.



(fig.2a)



(fig.2b)

Leg Elevation & Tilt/Rise (Combined)

To elevate the leg rest of the chair, to adjust the chair into the seated position or rise transfer position. (fig.3)

Use the buttons on the handheld remote to move the back of the chair slowly until it is in the required position (fig.3a, fig.3b & fig.3c).



(fig.3)

To seated position with elevated leg rest.



To rise transfer position.



(fig.3a)



(fig.3b)



(fig. 3c)

Seat Depth Adjustment / Backrest Removal

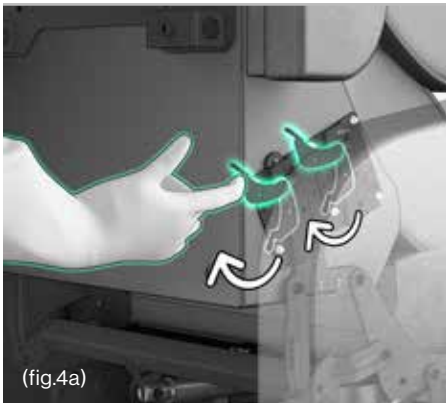
To adjust the seat depth (fig.4)

Stand at the back of the chair and lift the lock lever at the base of the backrest, situated at both sides (fig.4a). Lift the back up and out of its hinges (fig.4b).

Place the back in desired position. (fig.4c). Close the levers at the base of the backrest to lock the backrest in position. (fig.4d)



(fig.4)



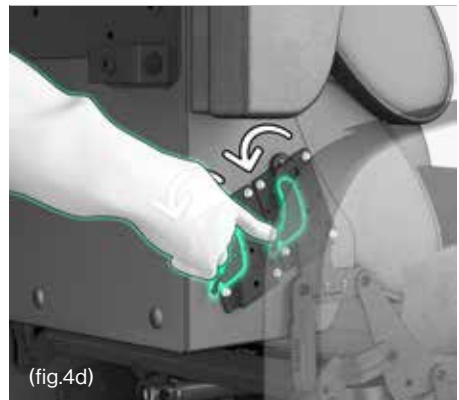
(fig.4a)



(fig.4b)



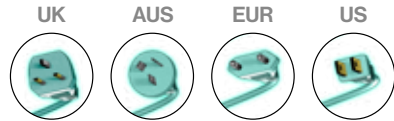
(fig.4c)



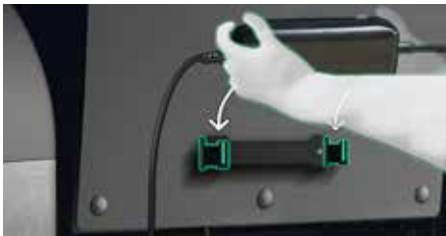
(fig.4d)

Cable Management / Powering Your Chair

The chair must be plugged into the mains at all times. The Orlando has a cable management system to ensure the safe storage of the cables and power supply.



The power supply should only be mounted on the cable management hooks during transport. (fig.5a & fig.5b)



(fig.5a)



(fig.5b)

In case of a power outage, there are two 9V batteries located in the control box for emergency backup power only. They are not meant to be used for a prolonged period and the chair will operate slower when powered solely by internal batteries.

Chair Movement

To move the chair into position.



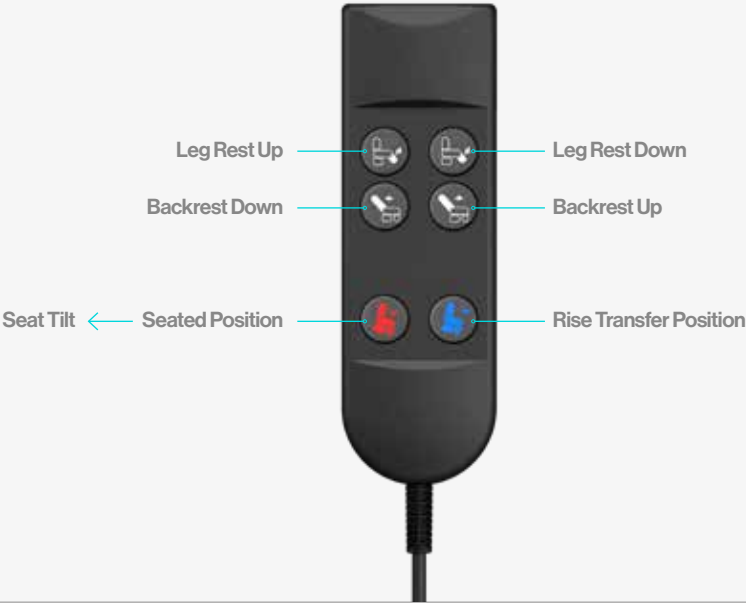
(fig.6)

Standard castors are used for ease of transport of the chair and are not designed for moving the chair while someone is seated. Ensure all four castors are in contact with the ground by pressing the seat tilt button on the handset until the chair is free to move. (fig.6)

Orlando Bariatric Handset

The Orlando Bariatric model has independent Back Recline, Leg Rest Elevation, Rise Functionality and *Tilt in Space.

*Tilt in Space is not available on the Orlando Plus Model



Braking Castors

To lock the chair in position. (fig.7)

Locking castors are used for ease of transport of the chair and are not designed for moving the Orlando chair while someone is seated.

To engage the braking castor simply press the pedal with your foot until it clicks in place. (fig.7a).

All braking castors must be in the braked position while chair is in use. (fig.7b).



(fig.7)



(fig.7a)



(fig.7b)

Orlando™ Bariatric

including Bariatric Plus model

Leg Rest Elevation

To adjust the angle of the leg rest (fig.8).

Use the buttons on the handheld remote to move the leg rest until it is in the required position (fig.8a & fig.8b).

Exercise care in case of injury to the patient or damage to the surrounding environment.



(fig.8)

To sitting position.



(fig.8a)

To elevated position.



(fig.8b)

Back Angle Recline

To recline the back of the chair (fig.9).

Use the buttons on the handheld remote to move the back of the chair slowly until it is in the required position (fig.9a & fig.9b).

Exercise care in case of injury to the patient or damage to the surrounding environment.



(fig.9)

To sitting position.



To reclined position.



fig.9a



fig.9b

Orlando™ Bariatric

including Bariatric Plus model

Rise Function / Seat Tilt

To tilt the chair to forward rise position (fig.10).

Use the buttons on the handheld remote to move the chair slowly until it is in the required position (fig.10a & fig.10b).

Exercise care in case of injury to the patient or damage to the surrounding environment.

Tilt in Space is not available on the Orlando Plus Model



(fig.10)

To sitting position. → To apply seat tilt.

Once the chair is in seated position, press again to apply seat tilt.



To rise transfer position.



(fig.10a)



(fig.10b)

Backrest Removal

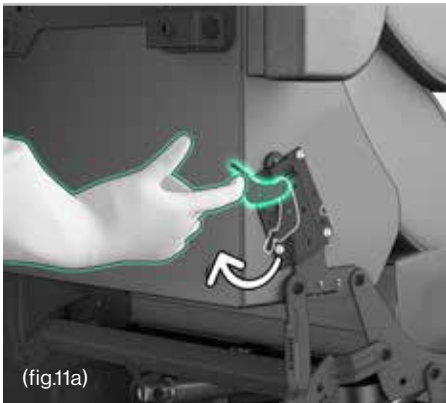
To remove the seat back (fig.11)

Stand at the back of the chair and lift the lock lever at the base of the backrest, situated at both sides (fig.11a). Lift the back up and out of its hinges (fig.11b).

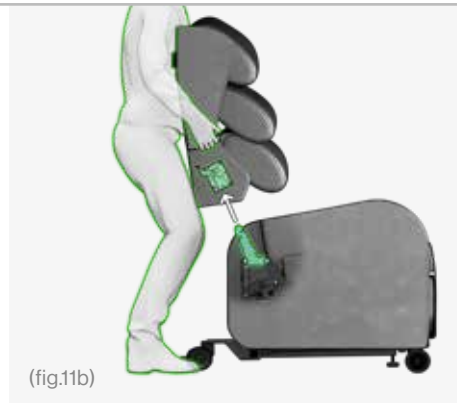
To replace the seat back, place the back in position. (fig.11c). Close the levers at the base of the backrest to lock the backrest in position. (fig.11d)



(fig.11)



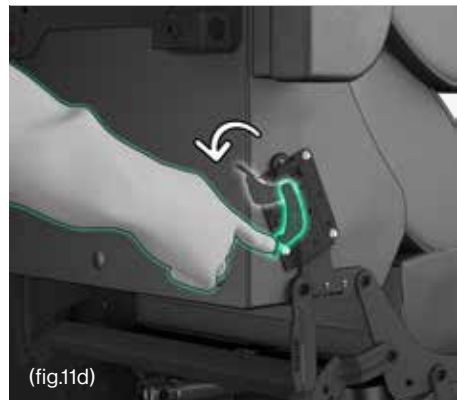
(fig.11a)



(fig.11b)



(fig.11c)



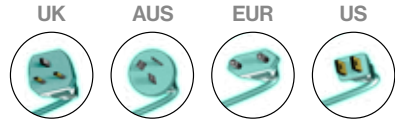
(fig.11d)

Orlando™ Bariatric

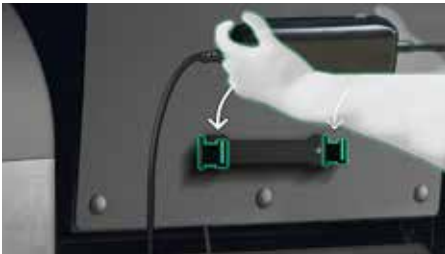
including Bariatric Plus model

Cable Management / Powering Your Chair

The chair must be plugged into the mains at all times. The Orlando has a cable management system to ensure the safe storage of the cables and power supply.



The power supply should only be mounted on the cable management hooks during transport. (fig.12a & fig.12b)



(fig.12a)



(fig.12b)

In case of a power outage, there are two 9V batteries located in the control box for emergency backup power only. They are not meant to be used for a prolonged period and the chair will operate slower when powered solely by internal batteries.

Chair Movement

To move the chair into position.



(fig.13)

Standard castors are used for ease of transport of the chair and are not designed for moving the chair while someone is seated. Ensure all four castors are in contact with the ground by pressing the seat tilt button on the handset until the chair is free to move. (fig.13)

Cleaning Instructions



Cleaning & Maintenance of Upholstery

Your Seating Matters chair is upholstered with two distinct materials, Vinyl and Dartex multi-stretch material. See image above for how to identify these on your chair.

Properties

Vinyl

Vinyl is resistant to urine, most household stains, mild acids/alkalis, drinks and beverages as they are not absorbed and can be wiped off without any problem or lasting damage. Some difficult substances such as lipstick, ball point pen ink and food colourings should be cleaned off immediately to avoid permanent staining.

Fabric

Antimicrobial and highly robust surface fabric on chair sides, accredited to Crib 5 flame retardancy. Treated with a Teflon stain resistant finish for easier cleaning.

Dartex Multi-stretch Fabric

Dartex is waterproof, has the ability to be wiped clean and has biostatic (anti-mycotic) coatings to provide an impenetrable barrier to virus and bacteria.

Cleaning

Superficial dirt may be removed by wiping with a soft cloth moistened with water containing a neutral detergent. More persistent contamination may be treated by wiping with alcohols or turpentine substitute, followed by hot water and detergent. Routine cleaning and disinfection may be carried out on the coating with hand hot water and a neutral detergent or with a bleach solution (0.1% or 1000 parts per million available chlorine). The material is compatible with the 10,000ppm available chlorine in solution required for the decontamination of blood spills. Excess solution must be removed and the surface thoroughly rinsed and dried prior to reuse or storage. Proprietary disinfectants may be used provided manufacturer's instructions are followed. All cleaning agents, and disinfectants, must be thoroughly rinsed off and the item dried after cleaning.

What you can use:

1. Warm Soapy Water

Use warm soapy water to wash down your chair. Bear in mind that it is important to dry the surface afterwards.

2. 70% Alcohol

This can be used in line with the manufacturer's guidelines.

3. Bleach

Concentrations of bleach from 1,000ppm to 10,000ppm available chlorine, is likely to be considered effective cleaning.

Use bleach sparingly.

Example of Dilution Ratio

The ppm of available chlorine may vary with each different brand of bleach. Search online for its data sheet and adjust your ratio accordingly to achieve a dilution of approx. 1000ppm of available chlorine.



Water



Bleach

For an in-depth guide to cleaning, please consult our Clinicians Guide to Infection Control, available on our website.



Safety Instructions

Assembly, Installation, Warnings & Hazards

- ① A competent person, or User, trained in the use of the chair, who is either a suitably qualified medical professional, or is working under their guidance and instruction, should make adjustments and set up the chair according to the Patient requirements and dimensions before the Patient sits in the chair. Where possible, adjustments should be made when the Patient is not in the chair to avoid injury to the User and Patient.
- ② This chair, and its accessories, should be used in accordance with local or regional guidelines regarding the use of such medical devices.
- ③ This chair should be fully assembled, all fixings secured and the chair checked for safety by a competent person before use.
- ④ The User must ensure that the chair is in good condition before use (check all nuts and bolts are fastened, fabric in good condition etc). If there are any problems, these must be reported to your Seating Matters provider and corrected before the chair is put into use.
- ⑤ Keep all body parts away from the mechanisms under the chair. Repairs and maintenance should only be carried out by fully trained technicians.
- ⑥ Exercise care in using the release lever for the reclining mechanisms and adjustments to avoid injury.
- ⑦ Pressure ulcer or pressure injury reduction is not a guarantee with this equipment. The User must ensure that the Patient has a period out of the chair after prolonged sitting to raise tissue oxygenation levels. Although the chair offers pressure management, the body tissue still needs time to recover. In many places, local or national guidelines recommend a maximum of 2 hours sitting at any one time. You must also observe Patient specific recommendations and guidelines as set by their health professional with regard to the use of tilt and recline for appropriate pressure management.
- ⑧ The chair must be used on a level, plain, hard surface with the brakes engaged to avoid it moving during use and to ensure stability. When the chair is not in transit, all the braking castors on the product must be engaged to prevent risk of injury when being used.
- ⑨ The chair may not be left in an outdoor environment. More information on fabrics and their environment can be found later in this manual.
- ⑩ Ensure there is more than one competent person there when making adjustments to ensure they are correct and safe for the Patient.
- ⑪ If in doubt as to any the adjustments, feel free to contact Seating Matters direct at technical@seatingmatters.com.
- ⑫ Under no circumstances must the User or Patient stand or sit on the footplate of the chair.
- ⑬ The chair should not be transported in a vehicle while the Patient is seated on the chair.
- ⑭ This chair should not be lifted at any time unless by competent persons trained in such manual handling.
- ⑮ When operating the leg rest and recline features on the chair please ensure there is a 450mm / 18" gap around the chair to prevent the back or leg rest coming into contact with a wall or any other object.
- ⑯ On powered options, please ensure that your chair is charged daily.

Please call your Seating Matters provider if you have any questions on these points.

Maintenance & Servicing

Regularly servicing your Seating Matters chair will prevent untimely and inconvenient breakdowns, reduce repair costs and extend the chair's working life. Damage to the chair can also cause excess strain for the User and Patient.

Important

Parts can only be changed by service persons trained in Seating Matters products and use only Seating Matters parts. We recommend that your chair is serviced every year by a Seating Matters approved provider for any running repairs and maintenance.

Maintenance

Carry out the following regular checks to ensure the operation and safety of the chair. If you are in any doubt about the functioning of your chair contact your Seating Matters approved provider immediately.

Daily

- ① Check that the castors are not damaged.
- ② Check that the castors turn freely.
- ③ Make sure that the castor forks run free and are not bent.
- ④ Check all fabrics for damage or contamination and replace where necessary.
- ⑤ See Cleaning Instructions section in the manual for cleaning instructions.
- ⑥ Check batteries and electrical connections are secure.

Weekly

- ① Check the castor fittings for hair and dirt etc. which could restrict the castor movement.
- ② Pick out any such material with tweezers or take the spindle out, clean it and then replace it.
- ③ If it is still not free (one continuous turn without it sticking) contact your Seating Matters approved provider for a replacement.

Monthly

Castors

Make sure the top of the castor housing is parallel with the floor. Any variation will cause restricted movement. If it is damaged contact your Seating Matters approved provider for a replacement.

Mechanisms

Check all tilting mechanisms are working smoothly.

Check that cables are not kinked or frayed.

Check that all nuts and bolts are present.

Check that all nuts and bolts are secure.

Note: If nuts or bolts need attention, contact your Seating Matters approved provider IMMEDIATELY and DO NOT USE the chair until it has been serviced.

Leg Rest

Check that all leg rests are easily removed/swung-away and replaced or repositioned easily. Ensure that parts lock in place securely. If parts are not locking try lubricating. If the problem still remains contact your Seating Matters approved provider.

Frame

Check the visible parts of the frame for cracks, splits, large dents or other damage. If you find any of these things DO NOT USE. Contact your Seating Matters approved provider immediately.

Recycling Policy

Seating Matters are committed to reducing waste and improving our care for the environment. Where possible we have manufactured our chairs with recyclable materials. Guidance on recycling can be found below.

The WEEE Directive

The WEEE Directive, 2012/19/EC, urges producers of Electrical and Electronic Equipment (EEE) to provide information on how these products can be treated, reused or recycled.

In order to comply with this directive in the European Union, Seating Matters electrical components are marked with a crossed out wheellie bin. This indicates that the electrical components should be treated in accordance with the WEEE regulations after their useful life.

Advice on Recycling

- ① Your Seating Matters chair may contain batteries which should not be disposed of in household waste.
- ② Never dispose of the battery in a fire. This may cause an explosion.
- ③ The chair may contain substances that could be harmful to the environment.
- ④ Electrical components must be taken to a proper recycling facility.
- ⑤ Your Seating Matters chair contains component parts which can be recycled.
- ⑥ We thank you for being environmentally responsible and for making efforts to recycle your Seating Matters chair at the end of its' safe and useful life.
- ⑦ Contact your local authority or governmental agency for the regulations that apply in your area.
- ⑧ If you wish to have Seating Matters recycle your chair on your behalf, you are welcome to return the product to our company.



Plastic Components

Many of our plastic components are made from polypropylene and can be recycled as long as they are recycled with other polypropylene resin materials. Polypropylene sheets can be recycled with any other materials that have this symbol.



Plastic Trays

Our plastic tray tables are made from Polyethylene Terephthalate Glycol (PETG) which is a sturdy, transparent, easily cleaned material. Like acrylic, PETG is 100% recyclable and can be recycled and re-purposed indefinitely. Capable of being sterilized, it's a renowned food-safe material and will help us meet a higher standard towards infection prevention & control. PETG's damage resistance is far higher than that of acrylic & has an impact resistance 30 times that of glass. PETG can be recycled with any other materials that have this symbol.



Safety

The **Orlando™** is CE marked to show conformance to the Medical Devices Directive 93/42/EEC and conforms to BS ISO 7176 at medium hazard.

Regional Variations

The device referred to as a "**Orlando™**" is a Seating Matters product category and the information included in this document reflects common features of this group of products. In some regions of the world, we supply product design variations of equivalent function and ease-of-use but with alternative specifications or reinforcements.

Warranty

The following table outlines the parts covered under frame warranty and the warranty period specific to your chair;

Chair	Frame Warranty Period	Frame Parts Covered
Orlando	1 Year	(a) Metal base frame.
Orlando Bariatric		(b) Metal seat frame. (c) Metal back rest frame. (d) Armrest brackets. (e) Cracks or tears in metal work. (f) Leg rest linkages. (g) All mounting points for gas struts and electric actuators. (h) All metal fixings and hinges. (i) All welds on chair frame.

The following table outlines the parts covered under components warranty;

Chair	Component Warranty Period	Components Covered
Orlando	1 Year	(a) Actuator systems including control box, handset and charger/ charger lead.
Orlando Bariatric		(b) Gas struts including release cables and component parts. (c) Upholstery if there is a clear and obvious manufacturing error. (d) Castors. (e) Wing knobs and adjustment handles. (f) Bolts and attachment fixings.

For full terms and conditions visit our website or scan the QR code here:



Intellectual Property

Seating Matters are at the forefront of seating research and design, therefore we take the protection of our intellectual property very seriously and have our designs, patents and trademarks protected in many jurisdictions throughout the world.

The Seating Matters Trademark is registered throughout the European Union and various countries globally.

Patent Pending	No. GB1915470.7 No. GB2207271.4
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US Design Patent	No. 601360S No. D611718 No. 600932 No. D602704S
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Australian Design Registration	No. 325536 No. 324011 No. 325537 No. 324012
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Community Design Registration	No. 001016364-002 No. 000942180-0004 No. 002428813-0001 No. 001016364-001 No. 012673018
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Canadian Design Registration	No. 130224 No. 128763 No. 130217 No. 128764
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We are here to help

For any questions or queries regarding your Seating Matters chair please contact:
contact@seatingmatters.com

Notes

Notes



UK, Europe & N.Europe

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