

LECKEY[®]
Mygo Seating System
User Instructions





The Mygo Seating System has been designed to offer a high level of postural positioning while enabling function and mobility. This manual shows how you can quickly, easily and safely make use of all the functions. The instructions on safety and maintenance will ensure that you will enjoy the use of this product for a long time.

LECKEY[®]
mygo

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1. Intended Use

The Mygo Seating System is an activity chair which has been designed for children with disabilities aged 4-12 for use at home, in the school environment or outside, if used on a mobility base. The seating system has a maximum user weight of 50kg (110lbs). The seating system is modular and can be used with a choice of indoor or outdoor chassis. The Hi low chassis has been designed for use indoors but can also be used outdoors on a level surface. The Hi low chassis should never be exposed to the elements as this may corrode the metal components.

The Mygo seat unit will interface with a range of mobility bases, the details of which can be found at our website, www.leckey.com

2. Declaration of Conformity

James Leckey Design Ltd as manufacturer with sole responsibility declares that the Mygo Seating System conforms to the requirements of the 93/42/EEC Guidelines, Medical Device Regulations 2002 and EN12182 Technical aids for disabled persons and test methods.

3. Terms of Warranty

The warranty applies only when the product is used according to the specified conditions and for the intended purposes, following all manufacturers' recommendations (also see general terms of sales, delivery and payment). A two year warranty is provided on all Leckey manufactured products and components.

4. Product History Record

Your Leckey product is classified as a Class 1 Medical device and as such should only be prescribed set up or reissued for use by a technically competent person who has been trained in the use of this product. Leckey recommend that a written record is maintained to provide details of all setups, reissue inspections and annual inspections of this product.

5. Product Training Record (Parents, Teachers & Carers)

Your Leckey product is a prescribed Class 1 Medical Device and as such Leckey recommend that parents, teachers and carers using the equipment should be made aware of the following sections of this user manual by a technically competent person:

Section 6

Safety Information

Section 11

Frequent Adjustments for Daily use

Section 12

Cleaning and Care

Section 13

Daily Product Inspection

Leckey recommend that a written record is maintained of all those who have trained in the correct use of this product.

6 Safety Information



1. Always read instructions fully before use.



2. Users should not be left unattended at any time whilst using Leckey equipment.



3. Only use Leckey approved components with your product. Never modify the product in any way. Failure to follow instructions may put the user or carer at risk and will invalidate the warranty on the product.



4. If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer services department or your local dealer as soon as possible.



5. Carry out all positional adjustments and ensure that they are securely fastened before you put the user into the product. Some adjustments may require the use of a tool which is provided with each product. Keep all tools out of reach of children.



6. When putting the user into a seating system, both for positional and safety reasons, always secure the pelvic harness first.



7. When the product is stationary ensure that all castors are locked and facing away from the base, as this will improve product stability. This is especially important when the tilt in space or back recline facility is in use.



8. When the seat is in use on a Hi low chassis please ensure that the height adjustment pedal and tilt in space lever are locked off and cannot be adjusted accidentally by other children.



9. When the Leckey seating systems are used on the Hi low we do not recommend that users are moved over uneven surfaces when in the equipment. All due care and attention should be taken if transporting the user in and out of the seat.



10. Never leave the product on a sloping surface, greater than 5 degrees. Always remember to lock all the castors.



11. Only use the push handle to steer and move the seat from one area to another. Never use the tray for this purpose.



12. The product contains components which could present a choking hazard to small children. Always check that locking knobs and bolts within the child's reach are tightened and secure at all times.



13. Leckey products comply with fire safety regulations in accordance with EN12182. However the product contains plastic components and therefore should be kept away from all direct sources of heat including naked flames, cigarettes, electric and gas heaters.



14. Do not place objects on the tray, greater than 40°C.

Mygo Seating System – Crash Test



15. Clean the product regularly.
Do not use abrasive cleaners.
Carry out maintenance checks on a regular basis to ensure your product is in good working condition.



16. The product is designed for indoor use and when not in use should be stored in a dry place that is not subjected to extremes of temperature. The safe operating temperature range of the product is +5 to +40 deg Celsius.



17. Always check the plastic hand knobs on the push handle are tightened securely before you move the seat unit.



18. Before using the seating system always check that the interface handle on the seat unit is fully engaged with the chassis. If the handle is not engaged properly the seat unit may come loose and could cause serious injury to the child or carer.

The Mygo Seating System has been crash tested and passed for use in vehicles. It has been tested in its complete configuration on a surrogate base with a Lockey head support attached.



If the Mygo Seating System is being used in a vehicle the following points must be adhered to:



The Mygo Seating System must be positioned forward facing and used with an Unwin Restraint System and a head support which should be suitably positioned at all times during transportation. The head support is available as an optional accessory with the Mygo Seating System.



The Mygo Seating System is crash tested and meets the requirements of ISO16840 part 4. The seat has also been tested and meets the requirements of ISO 7176-8.



Important
These crash test details refer to the Mygo Seating System and interface plate only. If you are using the Mygo Seating System on a wheelchair base, please refer to the wheelchair manufacturer's handbook for crash test details.

JAMES LECKEY DESIGN
ISO 1684/4 HYDGE SLED TEST
MYGO SURROGATE SEAT
RESTRAINTS: UNWIN
OCCUPANT: 5TH TYPE (50KG)
TEST DATE 22ND AUGUST 2006
MILBROOK TEST NO. S9605
MILLBROOK REPORT
NO. MBK 06/0810

PASSED



Important
The crash test details refer to the Mygo Seating System on a Convaid base. If you are using a Mygo Seating System on any other wheelchair base please refer to the manufacturers handbook for crash test details.

JAMES LECKEY DESIGN
TEST IN ACCORDANCE WITH
APPENDIX A OF ANSI/RESNA WC19
CONVAID EZ-18 WHEELCHAIR
WITH MYGO SEAT
RESTRAINT – SURROGATE 4 POINT
TIEDOWN STRAP & 3 POINT BELT
OCCUPANT – HYBRID III
10 YEAR OLD 110LB (50KG)
TEST DATE – 3/6/08
REPORT NO. CV 0805

How to unpack and assemble the seating system

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Check parts

Congratulations on purchasing your Mygo Seating System. When opening the box, cut the straps, taking care not to cut through the tape as you may damage some of the parts contained inside. All of the parts will be contained in polythene bags with each one clearly labelled. Carefully remove them from the boxes and check all the parts you have ordered.



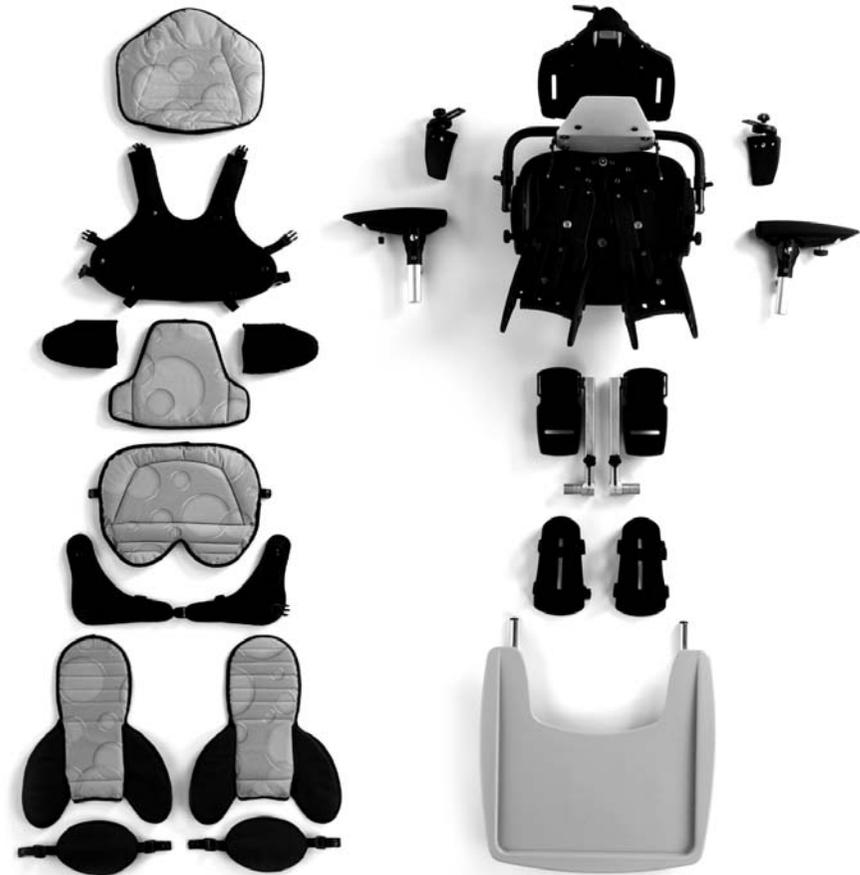
Safety First

Keep polythene bags away from children.

Some of the accessories will need to be assembled before you attach the seat to the base you have purchased. If you are fitting the seat to a mobility base please ensure you fit the interface plate to the mobility base first. Instructions on how to attach the interface to specific bases will be provided with the interface plate. Once you have checked all the components you are then ready to assemble the Mygo Seating System and attach it to its base.

Multi-tool

A number of adjustments will require the use of the multi-tool, which is supplied with each seat and can be found in the back pack.



Setting the backrest

The backrest will be folded down for shipping. Raise it into the vertical position and, while doing so, slide the inner tube into the receiving outer tube.

Secure the backrest in an upright position and tighten the ratchet handle. Check that it is secure and does not move when pressure is applied. If the user thrusts forward or backwards they could cause injury to themselves or their carers.



Always make sure the backrest is attached securely.



Use caution when inserting inner tube as there could be possible finger nip.

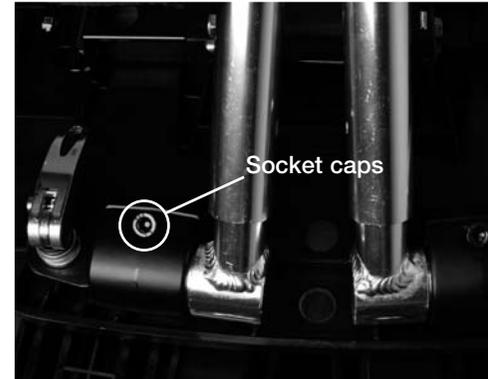


Attaching the footrests (if ordered)

If using the Leckey footrests, remove the seat from the chassis and set the seating system upside down on a work surface. Open up the angle of the leg supports by releasing the two locking levers, shown, and set to the maximum width. Open the socket caps and slide in the calf supports. Set to the desired position, with the footplates facing forward and retighten the socket cap bolts with the multi-tool.



Always make sure the foot plate is attached firmly.



Attaching the seating system to the Hi low chassis

Adjust the height of the chassis to its maximum to reduce risk of back strain while attaching the seat unit. Refer to Section 11 on how to adjust the height of the chassis you have purchased.

First release the safety locking pin at the front of the seat. To do this pull the pin out and rotate through 90 degrees. Carefully lift the seat and place it into the chassis. At the rear of the underside of the seat you will see a receiving channel. Place this securely over the tube towards the back of the chassis. Pull the handle at the front of the seat unit up and then pivot the seat forward and down. Once the front of the seat is lowered fully, release the handle and push it forward to

ensure it has fully engaged on the front tube. Rotate the safety locking pin so it engages in front of the handle. If it hits the handle then the seat is not inserted properly, remove and repeat process outlined above.



Always check the handle and locking pin are fully engaged before you place the child in the seating system. If the handle is not engaged properly the seat unit can come loose and could cause serious injury to the child or carer.

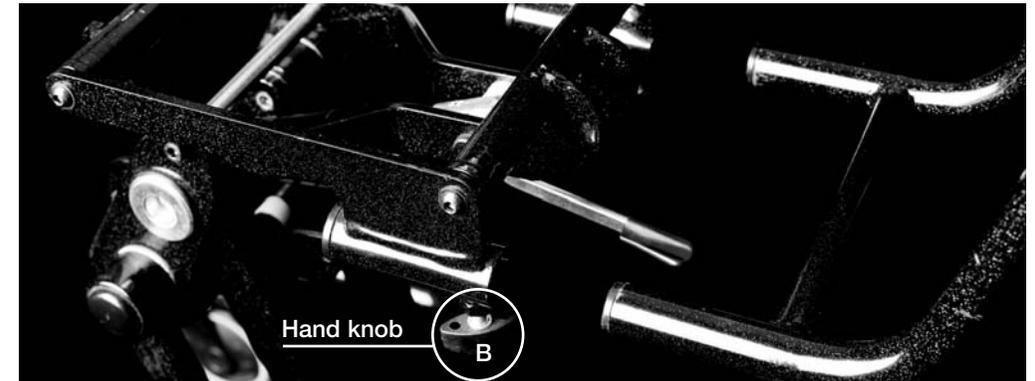
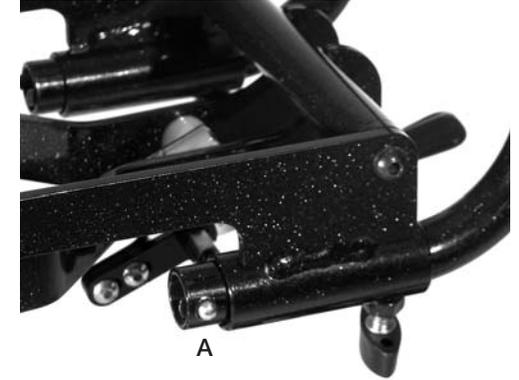


Attaching the push handle

The push handle is attached to the Hi low chassis by inserting the two lower stems into the receiving tubes as shown. The push handle has safety poppers (A), which need to be pressed in when inserting the lower stems. Push the stems in until the poppers protrude from the other end of the receiving tubes. Secure the handle in place by tightening the locking knobs (B).



Check these regularly to make sure the knobs are tight, particularly if you are moving the product unit along corridors that may have uneven or sloping surfaces.



Attaching the headrest

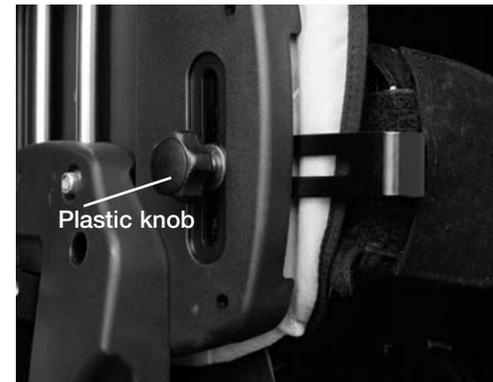
To attach the head support slide the stem into the reducing sleeve (A) and receiving bracket. Ensure the slot in the reducing sleeve is aligned with the slot in the receiving bracket. Set to the desired position and secure using the hand lever (B).

The Mygo Seating System has been designed to interface with Whitmyer head supports. The Whitmyer Lynx headsupport is attached in the same way as the Leckey headrest. To attach Whitmyer Pro-Series headsupports remove the spacer collar from the receiving bracket and lock the vertical stem in position using the ratchet handle.



Attaching the lateral supports

While holding the components together, remove the plastic knob and washer. Align the plastic angle adjuster mouldings and lateral bracket with the slot in the backrest and refit the washer and plastic knob.



Attaching the kneepads

Attach the knee pads with the snap fasteners to the knee guides on the sides of the upper legs supports.

Attaching the sandals

If sandals are required they can be attached to the footplates with a single fixing bolt. To position the sandals simply loosen the knob (B) under the footplate, select the position you require and re-fasten the knob. If sandals are not required Velcro straps are provided for foot positioning.

Attaching the tray

The tray is attached to the seat by inserting the tray tubes through the centre of the armrest. Once the tray is located in the position the knob (A) should be tightened securely.

Attaching the grab rail

To attach the grab rail, insert the receiving brackets (D) in the tray slot and secure with the plastic knob (E). Repeat on the other side and then sleeve the tubes into the tube (D) and tighten the plastic knob (B).



Attaching the obliquity pads

To attach the obliquity pads first remove the base cushion. Set the obliquity pad panel in place with the holes on the tab over the snap fastener. Insert foam as required and refit the base cushion.



Interfaces for wheelchair and pushchair bases



The set up and attachment of the Mygo seat to any mobility base should be completed by a technically competent person who is familiar with the set up of the mobility base.

Interface “A” attachment to 16” wide mobility base

The universal interface has been designed to enable the Mygo Seat to be attached to any standard 16” (405mm) wide mobility base that has been constructed from 1” (25.4mm) side tubing.

Please refer to specific assembly instructions supplied with your interface for correct positioning on your base.

The Interface plate should be fitted by a qualified technician who is technically competent in the set up of the mobility base. The position of push handles, leg hangers and armrests on the mobility base may need to be adjusted depending on the size and weight of the child to ensure the stability of the seat.



Always refer to the mobility base manufactures guide lines for correct set up, paying particular attention to product centre of gravity and stability.



Users should not be left unattended at any time whilst using Leckey equipment.



The back pack

Back pack contents

The back pack contains the activity setting record cards and indicator cards, Mygo colouring cards, Leckey colouring pencils, Mygo user manual and a Leckey multi-tool.

Attaching the back pack

Only fit the back pack once the system has been set up. The back pack is easiest to fit once you remove the back cushion. It is attached by elasticated straps which stretch over the back plate. They will also stretch over the lateral supports if they are fitted. Once in place refit the back cushion.

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Fitting the cushions

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Upper leg support cushions

To fit the two upper leg support cushions, slide the cushions over the adjustable sides and secure at the back by locating the two snap fasteners. To fully secure, pull the elastic strip found inside the side cushions over the hooks provided. Repeat this for both sides. The cushions are then secured at the front by pulling the two elastic tabs over the hooks provided.

Seat base cushion

The seat base cushion can be attached by simply setting it in place, then pressing down to locate the snap fastener. To secure further, snap the two side tabs in place.



Always check the seat base cushion is secure before placing the child in the seat.



Flexible sacral cushion

The flexible sacral cushion can be attached by sliding it over the plastic tongue, using the fixing snap fastener to secure in place.

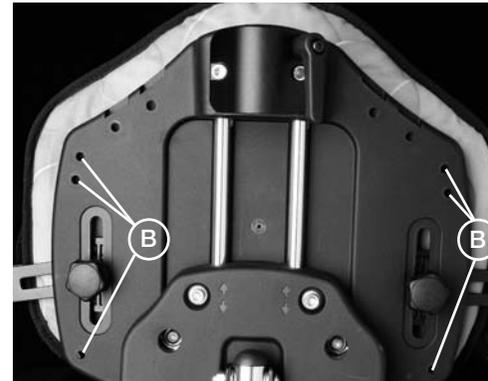
Pelvic harness

The Pelvic Harness is sleeved onto the hip guides into the pockets on the outer face of the harness. It is adjusted to the desired position by securing it to one of the snap fasteners on the adjustable hip guide bracket. The buckle on the tie down strap is clipped into a receiving buckle on either side of the seat base. Finally secure the pelvic harness by attaching the centre plastic buckle.

Trunk harness

With your trunk harness you will receive four adjustable side straps, two shoulder straps and brackets, the bolts, washers and locking nuts. Fix the connecting straps to the backrest before attaching the trunk harness. To attach the connecting straps in the shoulder area, slide the bracket into the slot and set at the desired height using the bolts and washers provided.

The remaining four adjustable side straps are attached to the receiving holes either side of the backrest (B). Simply attach the trunk harness to the connecting straps. The side straps are adjustable in length to accommodate outdoor clothing.



Lateral support padded cushions

To attach the lateral support padded cushions, simply slide the cushions on with the padded side towards the inside of the seat. Sleeve the plastic buckle through the slot in the cover. Then bring the two Velcro fastener straps around the bottom of the moulding and attach them to the Velcro panel as shown. Close over the flap.

Backrest cushion

If you have lateral supports fitted to your chair, adjust them to their maximum width before attaching the backrest cushion.

Slide the cushion down over the flexible sacral cushion and secure in place using the four snap fasteners in the backrest moulding. Align the top fasteners first and snap in place, then secure the lower fasteners.

Chest harness

The chest harness can be attached by clipping the male buckle into the female buckle at either side of the lateral supports.

Knee pads

Attach the knee pads with the snap fasteners to the knee guides on the sides of the upper leg supports.



Contoured headrest cushion

To attach the headrest cushion, place the cushion onto the head support plate, then snap the central fastener and two upper fasteners in place. Bring the lower flap under the plate and snap the two remaining fasteners in place.

Flat headrest cushion

The flat headrest cushion is attached in the same way as the contoured headrest cushion. The headrest lateral covers are attached in the same way as the lateral support padded covers.

Clinical setup for Postural Management.

The clinical setup of the product should be completed by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend a written record is maintained of all clinical setups for this product.

Set the backrest height, seat depth and footplate height before placing the child in the seat. These can be fine tuned when the child is in the seat.



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Pelvic harness and hip guides

To set the width of the hip guides loosen the Allen bolts (C), adjust to the desired width and retighten. To adjust the depth of the harness, move the snap fastener (A or B) to either position. Adjust the support straps to the required length. Ensure the buckle connects securely in the middle. If using the seat outdoors and your child is wearing a coat, position the pelvic harness under the coat.



Always attach the pelvic strap first before making any other adjustments.



Backrest depth

The back depth is adjusted by depressing the popper then sliding the back support tube to the desired position. This is very important as it will ensure the seat will fit the child, both when they are upright and in a recline position.

There are three settings where the popper can be located.

Position A:

Will accommodate children from the age of 4-6 years.

Position B:

Will accommodate children from the age of 7-9 years.

Position C:

Will accommodate children from 10-12 years.

The positions above are a general guide. We recommend that you measure the child's leg length and set the system to suit. To do this measure the depth from the child's lower back to the back of their knee.



This backrest depth should not be adjusted while the child is in the seating system

Millimetres:

265-305mm - Position A.

305-360mm - Position B.

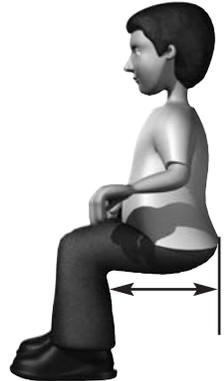
360-415mm - Position C.

Inches:

10 1/2 - 12 inches - Position A.

12 - 14 inches - Position B.

14 - 16 1/4 inches - Position C.

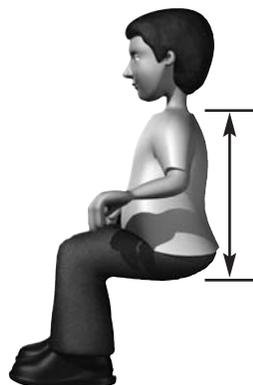


Backrest height

The overall height of the backrest can be adjusted by loosening the two socket cap bolts, then positioning to the required shoulder height of the user. Once in position the socket cap bolts should be retightened securely. The height can be fine tuned when the user is in the seat. The position can be fine tuned with the user in the seat.



Use caution when adjusting to minimum setting as fingers could become trapped between moving and static parts.



Backrest angle

The backrest can be angled by loosening the hand lever (A) at the bottom of the backrest. Simply select the position you require then retighten the hand lever securely. Always ensure the back angle is secure to maintain the desired posture for the child.

The backrest angle can be adjusted with the child in the seat.



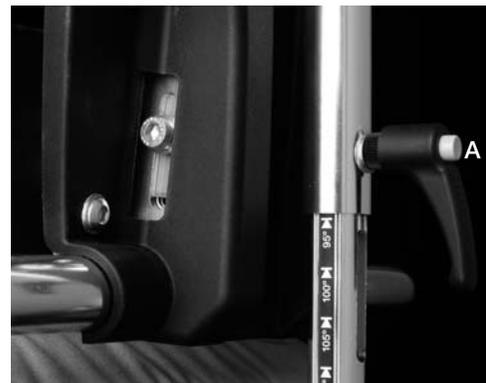
Always make sure the hand lever is secure as this could cause injury to the child or carer.

There are two angle indicator strips on either side of the back adjuster. We have supplied angle location markers (shown below) on a card. These can be applied to the clear strip on the adjuster tube to indicate the desired positions for various activities such as rest, feeding, play.

The angle indicator strip indicates the angle from the seat cushion to the backrest.



The black and yellow hazard strip on the inner tube indicates the maximum forward or prone position the backrest can be adjusted to.



Adjusting the upper leg supports

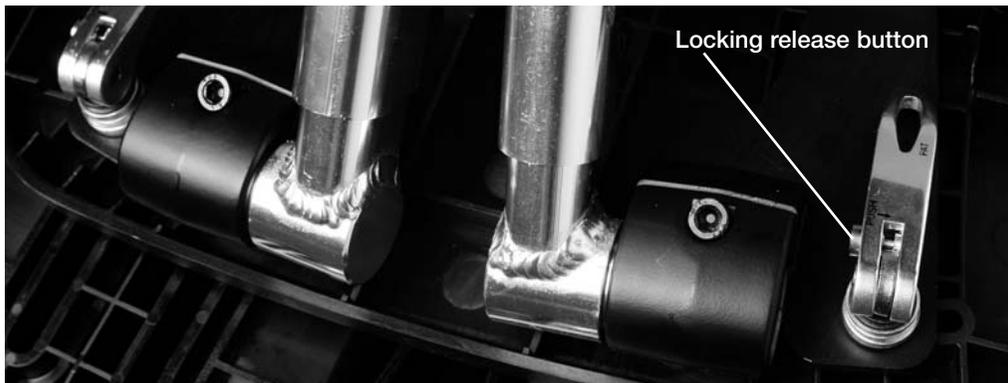
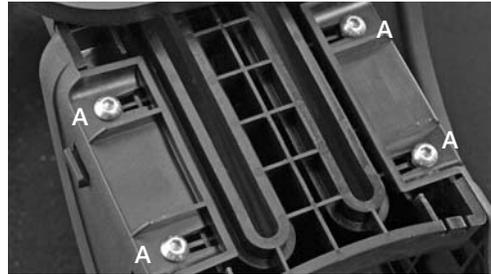
The upper leg supports will be set at the minimum position on arrival. Set the depth before placing the child in the seat. Fine adjustment is possible afterwards but is restricted by the user's weight. To achieve the correct position measure the length from the child's lower back to the back of their knee.

Adjust the supports to the desired position using the locking lever underneath the seat base. To adjust, press the locking button and release. Keep the supports pointing straight forward at this time unless wind sweeping or abduction, abduction must be

accommodated, in which case set the angle accordingly using the locking lever again.

The supports can be adjusted again once the child has been placed in the chair.

To adjust the width of the knee guides loosen the bolts (A) on the underside using the multi-tool provided. Set to the desired width and retighten securely.



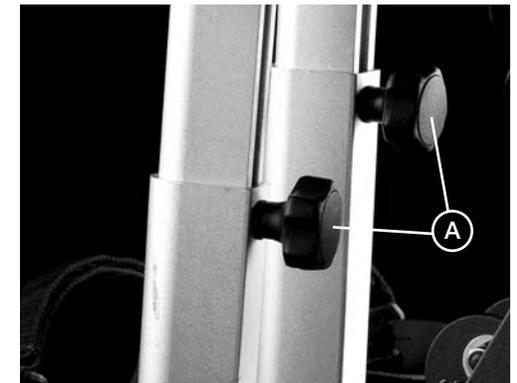
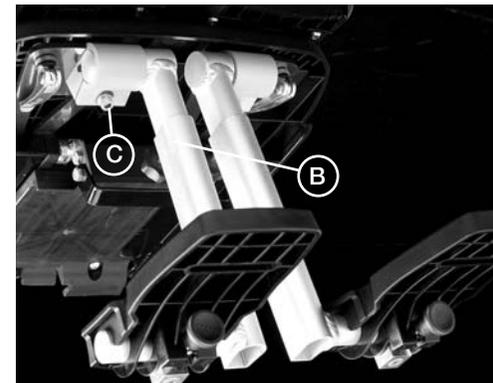
Footplate height

To set the height of the footplate loosen the knob (A) on the back of the calf support tube and slide the footplate to the required height and retighten the knob

To set the correct height of the footplate measure the distance from the back of the child's knee to the bottom of their heel. You may have to adjust the angle to achieve the required foot position. To adjust the angle loosen the bolt (C) with the multi-tool, set to the desired angle and retighten. There is a safety popper (B) to indicate maximum safe extension. This can be set with the child in the seat.



Always check the footplate is secure to prevent the user sliding forward and down in the seat which could pose a choking hazard if a chest or trunk harness is attached.



Footplate angle adjustment

To set the angle to accommodate plantarflexion or dorsiflexion, simply loosen or tighten the hand knob (A) to select the angle you require.

The footplates can simply flip up to aid transfer.



Flexible sacral support

The flexible sacral support is used in conjunction with the pelvic positioning harness. To adjust the height, depth and angle, loosen the bolts on either side with the multi-tool provided.

Adjust the support to the correct angle then retighten the bolts. The support will flex back and forward to assist the child into the preferred posture.

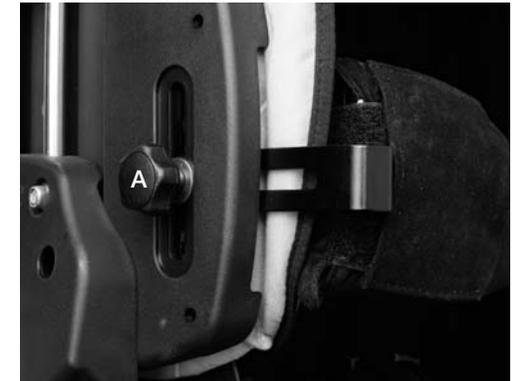


Always use caution to ensure fingers do not become trapped when adjusting the sacral support.



Lateral supports

Loosen the hand knob (A) to adjust the width, height and angle of the lateral supports and retighten when you have achieved the desired position. If the lateral supports are attached with bolts instead of hand knobs they can be adjusted with the multi tool.



Chest harness

To change the width of the chest harness. Lift the front cover, adjust the Velcro straps to the desired width and replace the cover.

Trunk harness

When the child is out of the seating system the trunk harness will be open but remain attached by two side clips (A) on one side and one pelvic harness clip (B). When placing the child in the seating system bring the trunk harness across the front and attach by connecting the clips into the buckles on the other side (C).

Connect the remaining straps into the pelvic harness by feeding them through the loop (D) and snapping into place.

Then connect the shoulder straps (E) into the clips at the top.

If your child is wearing outdoor clothing, the side straps can be opened by releasing the snap fasteners. The pelvic harness connecting strap can be released by moving the strap to the lower snap fastener position.

All the connecting straps are adjustable by lifting the cover, adjusting to the desired length and replacing the cover.



Check the laterals and harnesses regularly to ensure they have not become loose as without appropriate trunk support the child may be at risk of slipping into a position they cannot recover from. This could present a choking hazard.



Adjusting the knee pads

The kneepads can be used as a limiter to help prevent the child from sliding forward in the seat. It can also be used above the knee to prevent the child from raising their foot. To adjust the knee pads lift the front cover adjust the Velcro straps to the desired length and reposition in place. To remove unclip the snap fastener on one side.

Sandals

To position the sandals simply loosen the knob (B) under the footplate, select the position you require and re-fasten the knob. To position the user's feet in the sandals secure the Velcro ankle and toe straps provided.

If sandals are not required Velcro straps are provided for foot positioning.

Contoured headsupport

To adjust the height, depth and angle of the contoured headrest, loosen the hand knobs (C) and when set to the desired position retighten the knobs. Do not remove the headrest while the user is in the seat.



Never use the headrest to force the position of the users head.

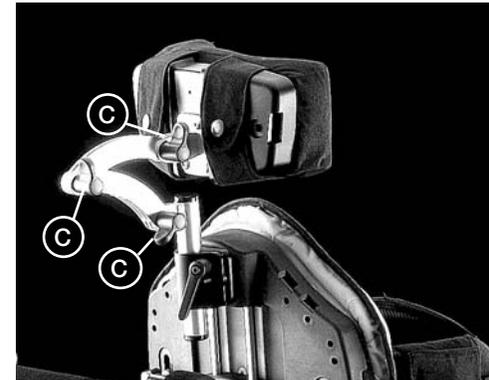
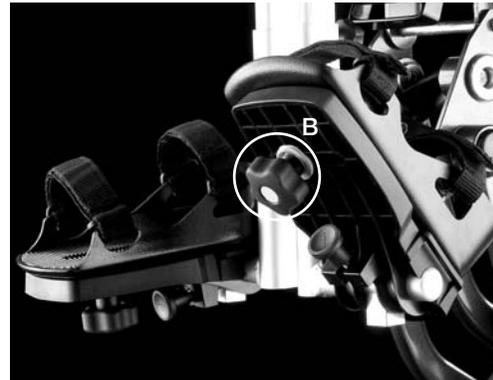


Always use caution to ensure fingers do not become trapped when adjusting the headrest.

Flat headrest with lateral supports

To adjust the height, depth and angle of the flat headrest, adjust using the hand levers (A).

To adjust the width of the laterals loosen plastic knob (B), slide to desired position and tighten securely.



Armrest adjustment

To adjust the height of the armrest loosen the hand knob (B), set to the desired height and retighten. To adjust the angle, rotate hand knob (A) until the desired position has been achieved.

To remove the armrest completely, loosen hand knob (C), press popper (D) and lift the armrest.



Always use caution as fingers could become trapped in the slot when adjusting the height.



Tray Adjustment

The height and angle of the tray are set by adjusting the armrests as detailed above. To remove or adjust the depth of the tray loosen the knobs (A) under the armrest, set to the desired position and re-tighten securely.



Always use caution to ensure the child's hands or arms do not become trapped when inserting the tray.



Never use the tray to steer or push the chair.



Do not place objects on the tray, greater than 40 degrees Celsius.



Please note that the tray is for the use of the user only. Do not lean or place objects on the tray, greater than 8kgs (17.6lbs).



Grab rail adjustment

To set the depth of the grab rail to suit the child's reach, loosen knob (A), adjust to the required depth and then re-tighten.

Do not adjust the horizontal bars beyond the moulding, except when you are removing the tray.



Frequent adjustment for daily use (therapists/carers/parents)

Parents and carers should be shown how to make frequent adjustments and be made aware of the safety checks in Section 6 by a technically and clinically competent person who has been trained in the use of the product. Leckey recommend that a written record is maintained of all parent and carers who have been trained in the use of this product.



Transferring your child into and out of the seat

Before transferring the child into the seat carry out the daily product inspection as outlined in section 13 of this user manual.

Adjust the seat to a comfortable height to facilitate transfer. Lock all the castors, ensuring that they are facing outwards to maximise product stability. Make sure the safety buckle on the chest harness is released and is out of the way to facilitate transfer.

Unclip the pelvic harness in the middle and allow the harness to open out to facilitate transfer. Lastly if sandals are fitted open the straps. You are now ready to transfer or hoist the child into the seat.



Always secure the pelvic harness first before fastening other buckles or harness. Adjust the harness so the child cannot slide or creep forward in the seat.

Adjusting the pelvic harness

The correct positioning and tensioning of the pelvic harness is key to a child's postural management, affecting their comfort and ability to carry out activities. Please consult with your therapist to ensure the harness is positioned correctly and that the straps are tensioned appropriately.

To tension the pelvic straps and pads around the child pull the centre strap (A). Pull the two side straps up to fine tune the pelvic position and adjust (B) the height of the pads on the hips.

If using the seat outdoors and your child is wearing a coat, position the pelvic harness under the coat.



If the child is active or has extensor spasms check the 4 point pelvic strap is secure after each spasm to ensure the child is safe and cannot slide forward in the seat.



Always attach the pelvic strap first before making any other adjustments



Chassis

The Mygo Seat is designed to fit onto a range of chassis. This user manual shows the correct and safe use of the seating system with the Leckey Hi low chassis. For all other chassis or bases please refer to the manufacturer's handbook.

To prepare the Hi low chassis for the seating system we recommend that you raise the chassis to a comfortable working height by pressing the foot lever at the rear of the chassis or by pressing the up button on the handset of the powered option.

Powered height adjustment

The powered chassis can be easily adjusted with the push button control handset. The seat can be height adjusted with the client in the chair. Before the product is used for the first time it is recommended that the battery should be fully charged for 12 hours. To do this plug the adaptor into the mains socket and attach the lead (A) to the battery and switch on the mains supply power. When charged switch off mains power, remove the adaptor plug and disconnect the lead from the battery. The battery charge should be topped up each day for approximately one hour. The chair can be adjusted in height while connected to the mains.



Height Adjustment – Hi low chassis

You can carry out this adjustment with the child in the chair. To adjust the height of the Hi low chassis press the foot lever at the rear of the chassis or press the up button on the handset of the powered option whilst holding the push handle. Once you remove your foot from the pedal or your thumb from the handset the seat will be fixed at the chosen height.

For safety the height adjustment pedal on the chassis can be locked by engaging the pull pin (C) on the right hand side of the pedal. To unlock pull the pin out and rotate 90 degrees, the pedal can then be operated. The locking pin (C) should be kept in the locked position when you are not adjusting the chassis.



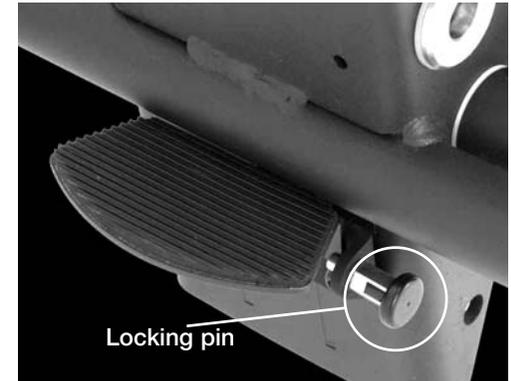
Always keep the locking pin engaged when you are not adjusting the chassis. This will prevent the foot pedal being operated accidentally.



For children over the weight of 27kg (60lbs), raising the manual chassis is a 2 person lift (UK lifting and handling regulations).



Always use caution as hands could become trapped when height adjusting the base.



Tilt in space

The tilt in space can be angled while the user is in the seat. Before you adjust the tilt-in-space angle of the seat always ensure the pelvic harness is secured preventing the user from sliding forward in the seat.

To adjust the tilt angle press the lever under the seat base. Once you have selected the angle you require, by simply removing your hand from the lever, the chair will be locked in position. The tilt in space should be locked off while the user is in the seat. To lock the lever twist the pull pin to the right hand side of the lever and the pin will pop into position. You may have to lift the lever slightly to allow it to lock. To unlock pull the pin out and rotate 90 degrees, the lever can then be operated.



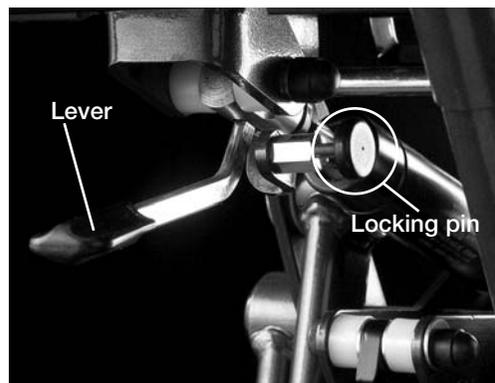
Always keep the tilt in space lever in the locked position to prevent accidental actuation of the lever which could cause the seat unit to jolt and possibly cause injury to the child.



Please use handle bars when operating tilt in space.



Always check with your therapist that the use of “tilt in Space” will not cause any obstructions to the child’s airways.



Chest and trunk Harness adjustment

If the child requires chest support as part of their postural support programme the seat will be fitted with rigid laterals or a combination of laterals, chest harnesses and trunk harness. These may need to be adjusted on a daily basis to accommodate differences in clothing.



Always check with your therapist as to the optimum positioning and tensioning of the straps and support items for the child.

To change the width of the chest harness, lift the front cover, adjust the Velcro straps and set to the desired width. When the correct width has been achieved replace the cover.

Please refer to section 10 for specific guidance on adjusting the trunk harness.



Always make sure the plastic buckles are fully engaged when using the chest harness.



Check the harness and laterals are secure to ensure the child is safe and cannot slide forward in the seat as this may restrict their breathing.



Sandals

To position the user's feet in the sandals secure the Velcro straps provided so the foot is held in place. The straps should be placed over the bridge of the foot and over the toes.



If the child is wearing sandals or light footwear check the straps to make sure the webbing does not irritate the skin.

Tray adjustment

The activity tray can be used for a range of functions and its position can be fine tuned to suit the user and the activity whether it is for fun, education or feeding. The tray is attached to the seat by inserting the tray tubes through the centre of the armrest. Once the tray is located in the position the knob (A) should be tightened securely.

Adjust the armrests to set the height and angle of the tray.

Armrest adjustment

To adjust the height of the armrest loosen the hand knob (B) set to the desired height and retighten. To adjust the angle rotate hand knob (A) until the desired position has been achieved.

To remove the armrest completely for side transfer or assist in getting the child into or out of the seat loosen hand knob (C), press popper (D) and lift the armrest.



Always use caution as fingers could become trapped in the slot when adjusting the height.



Always use caution to ensure the child's hands or arms do not become trapped when inserting the tray.



Never use the tray to steer or push the chair.



Do not place hot objects on the tray, greater than 40 degrees Celsius.



Please note that the tray is for the use of the user only. Do not lean or place heavy objects on the tray, not greater than 8kgs (17.6lbs).



Grab rail adjustment

To set the depth of the grab rail to suit the child's reach loosening knob (A) adjust to the required depth and then re-tighten.

Do not adjust the horizontal bars beyond the mouldings, except when you are removing the tray.

12 Cleaning & Care Information

How to Maintain

When cleaning we recommend that you use only warm water and a non-abrasive detergent. Never use organic solvents or dry cleaning fluids.

Upholstery and fabrics

1. The upholstery and fabrics can be cleaned by hand whilst in place. When cleaning we recommend that you use only warm water and a non-abrasive detergent.

2. The best cleaning method is a 'wipe & dry' technique.

3. Staining should be removed as quickly as possible with absorbent cloth, towels or a sponge. Routine soap and warm water sponging is effective for ordinary soiling and minor spills. Be careful not to over wet the fabric as this will cause the staining to spread.

4. Antiseptic cleaning agents can be used on more stubborn stains. These may require a safe solvent such as Isopropyl Alcohol or Mineral Spirit. A half cup of household bleach to 5 litres of water can also be used as a useful disinfectant.

5. The pelvic and trunk harnesses can be machine washed at 40 Deg C. Make sure all bolts and fasteners are removed first as they may cause damage to your washing machine. Store these in a safe place and out of reach from children.

6 Always ensure the product is dry before use.

Metal and plastic components

1. Soap and water or antibacterial spray can be used for daily cleaning.

2. For deep cleaning a low pressure steam cleaner can be used.

3. Do not use solvents to clean plastic or metal components.

4. Make sure the product is dry before use.



13 Daily Product Inspection

(Therapists, parents & carers)

We recommend that daily visual checks of the equipment are carried out by therapists, carers or parents to ensure the product is safe for use. The recommended daily checks are detailed below.

1. Ensure all adjustment knobs and bolts are in place and secure.

2. Check all upholstery and Velcro for signs of wear and tear.

3. Check all castors are moving freely and lock securely.

4. Ensure the handle and locking pin on the seat interface plate is fully engaged and the seat unit is securely fixed onto the chassis.

5. Ensure the pelvic harness is fully secured around the user and they cannot slide or creep forward in the seat.

6. Ensure the footplate is attached securely.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.

14 Annual Product Inspection

(Therapist, Technician, Leckey Product Advisor, Dealer)

Leckey recommend that each product should be subject to a detailed inspection at least once a year and every time the product is reissued for use. This inspection should be carried out by a technically competent person who has been trained in the use of the product and should include the following checks as a minimum requirement.

1. Check all knobs, nuts, bolts and plastic buckles are in place, replacing any missing items. Paying particular attention to the following items;

- > Headsupport locking bolts.
- > Backrest height and angle adjustments bolts.
- > Seat depth adjustment bolts.
- > Pelvic harness / hip guide attachment bolts.
- > Footrest height and angle adjustment.

2. Check the chassis height adjustment mechanism is working properly. If the chassis is foot pedal operated ensure the seat height doesn't change when the pedal is released. Also, check that the locking pin engages securely to prevent accidental height adjustment of the chassis.

3. Adjust the seat to its maximum range of tilt-in-space and ensure that the locking lever locks the seat out securely at varying point in this range.

4. Check that where the seat and chassis join there is no visible wear or tear on the metal components.

5. Lift the base to check each castor individually. Make sure they are moving freely and remove any dirt from the rubber wheels. Check that the brakes lock the wheels securely.

6. Visually check the structure of the product paying attention to weld points on the frame ensuring there are no signs of fatigue or cracking around the welds.

7. Leckey recommend that a written record is maintained of all annual product inspections.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.

15 Re-issuing Leckey Products

Most Leckey products are assessed and ordered to meet the needs of an individual user. Before reissuing a product we recommend that the therapist prescribing the product has carried out an equipment compatibility check for the new user and has ensured that the product being re-issued contains no modifications or special attachments.

A detailed technical inspection should be carried out on the product prior to re-issuing. This should be carried out by a technically competent person who has been trained in the use and inspection of the product. Please refer to section 14 for the required checks to be carried out.

Ensure the product has been cleaned thoroughly in accordance with section 12 of this manual.

Ensure a copy of the user manual is supplied with the product. A copy can be downloaded from our website www.leckey.com

Leckey recommend that a written record is maintained of all product inspections carried out during the reissue of the product.



If in any doubt to the continued safe use of your Leckey product or if any parts should fail, please cease using the product and contact our customer service department or your local dealer as soon as possible.

16 Product Servicing

Servicing of all Leckey products should only be carried out by technically competent persons who have been trained in the use of the product.

In the UK & ROI please contact the Leckey Service Centre on UK 0800 318265 or ROI 1800 626020 and our customer service department will be delighted to assist you with your servicing requirements.

All international service enquiries should be directed to the appropriate Leckey distributor who will be delighted to assist you. For further information on Leckey distributors please visit our website www.leckey.com

17 Technical Information

Product and Accessory Codes

117-600 Seat Shell
117-771 Seat Covers Pink
117-772 Seat Covers Blue
117-773 Seat Covers Orange
117-774 Seat Covers Grey

Chassis

102-2753 Hi Low chassis - Foot Pedal
102-2754 Hi Low chassis - Powered

Mobility Interface Options

117-775 Interface A
117-726 Interface B
117-727 Interface C

Accessories

117-777 Armrest Assemblies
117-776 Footplates
117-781 Sandals - Small
117-782 Sandals - Medium
117-783 Sandals - Large
117-778 Rigid laterals
(includes one set of covers)
117-724 Tray
117-757 Chest Harness
117-761 Trunk Harness
117-765 Knee pads
117-779 Head Support (includes cover)
117-767 Grab Rails
117-791 Obliquity Kit

Mygo seat dimensions

Ages	4 - 12
User Height	Max 59 inches / 1500mm
Seat Width Min 8 inches / 200mm	Max 13 inches / 330mm
Seat Depth Min 10 1/2 inches / 270mm	Max 17 inches / 430mm
Knee Width Min 3 1/2 inches / 90mm	Max 4 1/4 inches / 110mm
Footplate Abduction 10...	Adduction 12...
Chest Width (Distance between laterals) Min 6 3/4 inches / 170mm	Max 10 1/2 inches / 270mm
Backrest Height Min 14 1/4 inches / 360mm	Max 19 1/4 inches / 490mm
Backrest Angle Prone 10... (80... from seat cushion)	Recline 25... (115... from seat cushion)
Seat to Sandal Min 9 3/4 inches / 250mm	Max 15 3/4 inches / 400mm
Top of Seat to Floor Min 14 1/4 inches / 360mm	Max 27 1/2 inches / 700mm
Footplate Plantarflexion 10...	Dorsiflexion 10...
Armrest Height Min 6 1/4 inches / 160mm	Max 8 1/4 inches / 210mm
Tray Size	21 1/2 x 19 inches 550 x 480mm
Seat Unit Weight	22lbs 10kg

Leckey Hi Low base options

	Dimensions from top of seat to floor				Weight		Tilt in space	
	Inches		Millimetres					
	Min	Max	Min	Max	lbs	kg	Prone	Recline
Foot Pedal	13	26	340	655	26.5	12	10...	25...
Powered	15	27	370	675	26.5	12	10...	25...

6.3 LINAK Actuator specification - 281209-01

Rated IP51
 Duty Cycle Max 10% or 2 min continuous use followed by 18 min not in use.
 Ambient temp +5deg to +40deg C
 Ambient Operating temp 22deg
 Storage temp -40deg C to 70degC
 Push Max 3500N
 Pull Max 2000N
 Self Lock at 3500N Push – 2000N Pull
 Typical speed with full load 4.7mm/sec
 Max amps at load of 3500N is 3.9 amps
 Noise level dB(A) 48
 Power input voltage 24v +/- 10%

6.4 LINAK Battery Box - BA18021-00 Rated IP51

Ambient temp +5deg to 40deg C
 Storage temp -20deg C to 60deg C
 Rated Capacity 1.2 Ah 24v
 Charging current is max 0.3A
 Lead acid gel filled battery

6.5 LINAK Handset - HB41000-00004

Rated IP51
 Control current 100mA per channel (Max)
 Ambient temp +5deg to +40deg C

LINAK Battery Charger - CH01

Mains 100-240 VAC/50-60 Hz switch mode power supply
 Charging voltage 27.6 VDC +/- 2%
 Charging current Max 500mA
 Green LED for power on
 Yellow LED for charging function
 Yellow LED turns into green when batteries are fully charged.

LINAK products may be stored in non-heated storage facilities with humidity between 0 and 100%, none condensing. None condensing means that one should not take a product from an ice cold warehouse into a room with a temperature of 20deg C; if this is done then moistness will appear on the products.

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