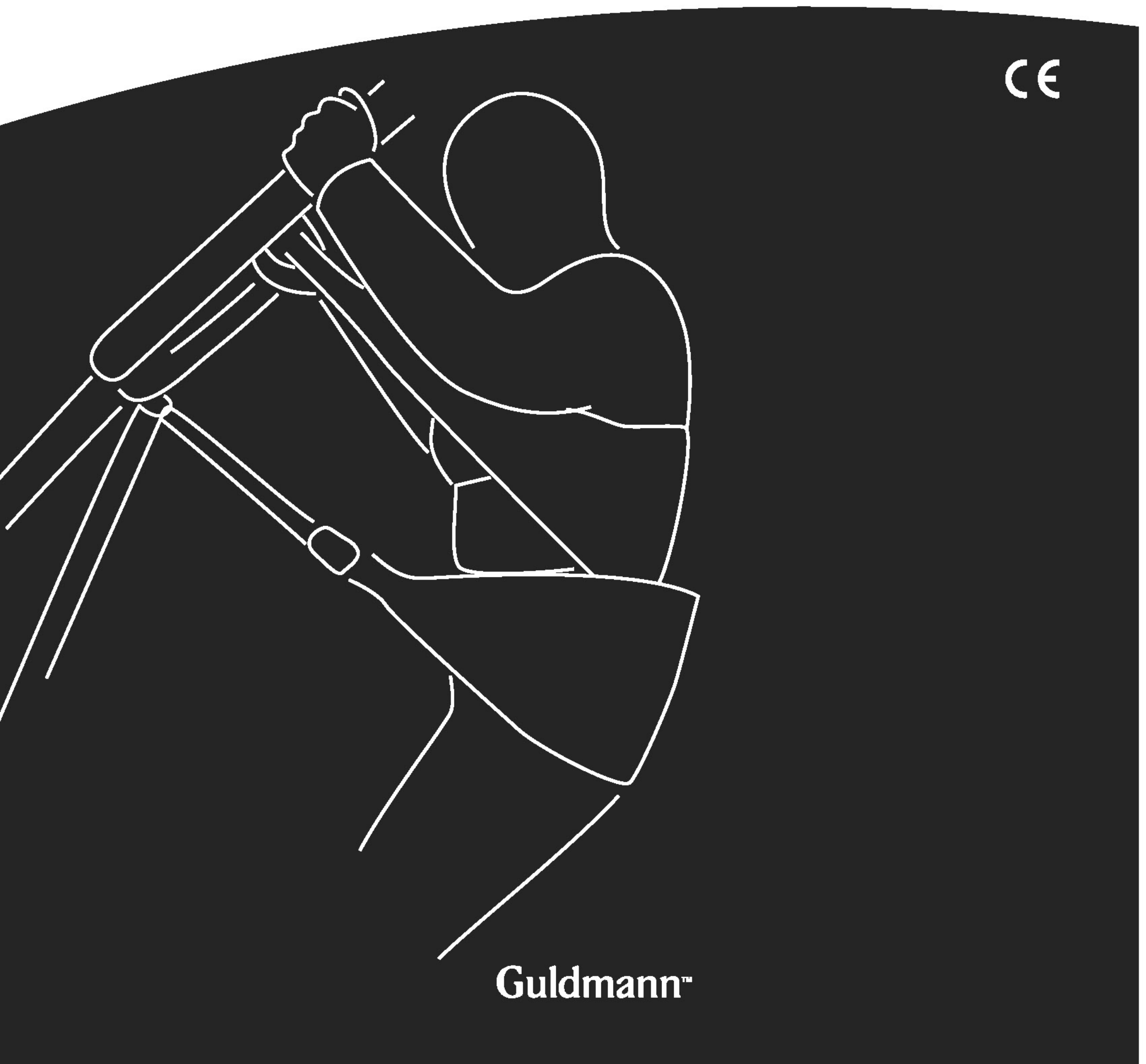




Standing Sling and Hip Support Sling. 12

Vers. 1.00

CE



Guldmann™

GB Standing Sling and Hip Support Sling

Vers. 1.00

Item nos:

Standing Sling

28336 S/M

28337 L/XL

Hip Support Sling

28338 One size

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1.00	Purpose and use
1.01	<p>Manufacturer V. Guldmann A/S Graham Bells Vej 21-23A DK-8200 Aarhus N Tel. + 45 8741 3100 Fax + 45 8741 3131 www.guldmann.com</p>
1.02	<p>Purpose The sling is used in combination with a mobile active lifter to assist the user from a sitting to a standing position in hospitals, at nursing homes, institutions, and in private homes.</p> <p>The sling and the active lifter are designed to lift or transfer a person who is capable of actively participating in the process. The user must also have good communication skills.</p> <p>Conditions for use The use of the sling is subject to the following:</p> <ul style="list-style-type: none"> • The user can balance in a sitting position and has strength in the lower and upper body and can communicate • The sling is used by trained staff or persons who have been instructed in the use of the sling in question. • The correct size of sling is used. • The maximum nominal load of 205 kg must not be exceeded. • The helper pays attention to the well-being of the user when using the sling. • The sling is used with the active lifter from Guldmann.
1.03	<p>Important/Precautions</p> <ul style="list-style-type: none"> • Read the instructions carefully before using the sling. • The slings maximum load must never be exceeded. • The sling may only be used to lift a person. • Before a sling is used, it must be examined according to point 2.02. • Never use a sling that is too big for the user. • Possible repairs must only be made by the manufacturer.

1.04**Use**

If there is any doubt about the selection or use of a lifting sling, please contact your supplier.

Important!

Plan the move. Avoid leaving the user in the sling unattended.

Do not start to lift until it has been checked that the user cannot get trapped and that the sling does not catch on the bed, wheelchair etc. The user's head, arms, hands and feet must not be in danger of becoming trapped. Be careful with any tubes and wires that are attached to the user and/or equipment.

Check that the hand control and hand control cable is free of the lifter, user and other objects before the lifting boom is activated up or down moved.

Guldmann shall not be liable for faults or accidents due to incorrect use of the standing sling, or for reasons of inadequate attention on the part of the helper or user. If the sling is used in combination with products that are not manufactured by Guldmann, a risk assessment must be made by qualified staff.

Be careful when applying the standing sling. Check that the straps have been mounted correctly and into place in the lifting boom's hooks before starting to lift the user. Before the lift is performed make sure that the lifting straps are still in the correct position.

Placing the sling, look at section 6-7

2.00**Maintenance**

2.01**Cleaning**

Normal washing at the indicated temperature



Do not use bleaching agent



Tumble-drying at low temperature



Do not iron

2.02**The owner's daily maintenance duty**

Check the lifting sling for wear and damage before use according to the following checklist which is not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.

Sling inspection checklist

Before using a Guldmann sling / accessory check the following:

Is the sling clean?

Follow facility specific infection control procedure.

Is the sling's label present, legible and complete?

Missing, illegible or incomplete sling label(s) could make identification of appropriate size of the sling, function of sling, and or weight limit capacity of the sling impossible.

Are the lifting straps and stitches intact?

- Look for broken or worn stitches
- Look for knots in straps
- Look for tears or fraying of straps
- Look for snags or punctures or holes
- Look for any particles in fabric or straps
-

Is the fabric intact?

- Look for abnormal wear patterns, excessive wear, abrasive evidence
- Look for cuts or frayed fabric
- Look for unusual or significant discoloration
- Look for snags, punctures, tears, holes
- Look for frayed or insecure seams
- Look for any acid / caustic / thermal burns
- Look for changes in material consistency, e.g. increased stiffness
- Look for any imbedded particles

Are slings the original size and length without the use of knots, pins, tape or other methods to change the shape, shorten or lengthen them?

Conclusion

If the sling suffers from one or more of the above mentioned conditions then it must be taken out of service regardless of the weight of the person to be lifted.

2.03

Disposal of slings

Slings are disposed of by incineration. By proper incineration polyester will be degraded to carbon dioxide and water.

3.00

Service and lifetime

3.01

Safety/service inspections

In accordance with international standard EN/ISO 10535 "Hoist for the transfer of disabled persons – Requirements and test methods" an inspection **must** be performed every 6 month according to the following instructions, which is not intended to represent all potential inspection steps. Potential damage may vary. Judgment of inspector/site prevails.

Safe Operating Practices with Slings

Considerations for damaged or defective slings and taking them out of service:

Withdraw the sling from service if one or more of the following conditions are present:

1. chemical or caustic burns
2. melting or charring of any part of the sling
3. snags, punctures, tears or cuts
4. broken or worn stitches
5. missing, illegible or incomplete sling tag
6. knots in any part of the sling
7. abrasion
8. other visible damage that causes doubt as to the strength of the sling

Sling inspection is done for the protection of the user, the caregiver, and the overall hospital site safety. A sling inspection system has additional benefit. Systematic sling inspection will assist in the identification of damage trends, potentially leading to cost effective suggestions and results. The inspection process can also help to identify inventory duplicity in certain sling types and sizes.

Sling inspection system

Development of a specific procedure and program for the inspection of slings at your facility is your best safeguard. Consider employing a three part system of inspection. Slings that are removed from service and are not capable of repair should be disposed of so they are unfit for any future use and can not find a way back into active inventory.

1) Initial

This level of inspection is done at the time that the sling is received into your facility. The inspector should ensure that no damage has occurred during transit, and also verify that the sling work load limits match those contained in the manufacturer's catalogue. If your facility documents the sling inspection process through written inspection records, the paper trail should begin at this stage

2) Frequent

The frequent level of inspection should be done by the sling user before each use. The sling should be examined and removed from service if damage is detected. The sling user should also determine that the sling is proper for the user conditions, care task required and the required weight capacity.

3) Periodic

Your facility might want to consider implementing a program for a periodic level of inspection at regular intervals. The interval should be based upon the frequency of use, severity of the service cycle and information derived through the inspection process. Recommendations to prevent damage and enhance service life could be made by staff that perform the periodic inspections. If written inspection records are maintained, they should always reference the unique sling identification number, and be updated to record the

condition of the sling. Not intended to represent all potential inspection steps or all potential aspects of product management program. Judgment of inspector/site prevails.

Sling inspection technique

The sling inspection procedure should be thorough, systematic and consistent; both visual and “hands on” inspection techniques are recommended. Certain forms of damage are far more discernable through hands-on inspection, than by visual inspection. For example, fabric stiffness, crushed webbing, as well as, thinning fabric can be identified through tactile inspection. Visual inspection alone may not reveal all forms of sling damage. Once signs of damage have been identified, do not downgrade the work load limit of the sling, with the intent of continuing to use it, but at limited capacity or frequency. This is sometimes done to get more service life out of a damaged sling. The operating rule and standard should be: intact = use; damage = do not use.

Consider the practice of documenting sling inspections through written inspection records. The documentation should include information such as: the name of manufacturer, the sling stock number, width and length, the unique sling identification number (important in differentiating similar slings), as well as the condition of the sling. Other important information might also include the date it was received or put into use at your facility and any special features (if applicable). A beneficial outcome of an inspection program would be the realization of repetitive forms of damage and the analysis that would lead to specific recommendations.

Sample visual examples of synthetic sling damage ^{*)}

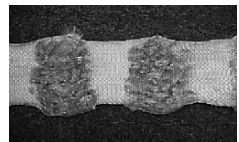
Chemical/caustic burns



Broken stitching



Crushed / Frayed webbing



Knots





x) sample visual images not intended to represent all types of potential damage

3.02

Lifetime

The life of the sling is individual and depends on how it is used, washed etc. Before use the sling must be examined according to description in section 2.02 and if it does not meet the inspection requirements, it must be discarded if necessary.

4.00

Technical specifications

Lifting capacity, SWL 205 kg (450 lbs)
Material Polyester

5.00

EC-Declaration of conformity

The product is manufactured in compliance with the Council Directive 93/42/EEC of June 14th 1993, including amendments, as medical device class 1.

WARRANTY – U.S.A. and countries outside the EU

A. Users guide

Before using the product, read the entire operation manual including warranty.

B. WARRANTY

Guldmann warrants its equipment is free from material defects under normal use, and will perform substantially in accordance with the specifications set forth in documentation provided with the equipment.

This express warranty shall be in effect for one year from the date of original purchase and installation (the "Warranty Period"). If a valid claim is made during the Warranty Period for malfunction or equipment defect, Guldmann will repair or replace the equipment at no additional cost to you. Guldmann retains sole discretion as to whether the equipment will be repaired or replaced.

This warranty shall be null and void if the equipment is operated and maintained in any manner inconsistent with its intended use or the instructions provided with the product. Further, in order for the warranty to remain in effect for the full Warranty Period, all service to the equipment must be provided by a Guldmann designated technician. Any parts or components repaired or replaced by a Guldmann designated technician will be guaranteed for the remainder of the Warranty Period.

The warranty does not cover any part of the equipment which has been subject to damage or abuse by the user or others. The warranty does not cover any part of the equipment which has been altered or changed in any way by the user or others. Guldmann does not warrant that the lifting device functions will meet your requirements, be uninterrupted or error free.

The warranty set forth is in lieu of all other express and implied warranties, whether oral, written or implied, and the remedies set forth above are your sole and exclusive remedies. Only an authorized officer of Guldmann may make modifications to this warranty, or additional warranties binding on Guldmann. Accordingly, additional statements such as advertising or presentations, whether oral or written, do not constitute warranties by Guldmann.

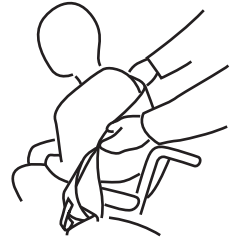
Service or Repair

Contact Guldmann Repair for an authorization to return any defective item during the Warranty Period. You will be provided with a return authorization number and address for returning the item for warranty service or replacement. Do not return items to Guldmann under warranty without receiving a Return Authorization Number.

If mailing the item, pack it carefully in a sturdy carton to prevent damage. Include your Return Authorization Number, a brief description of the problem and your return address and phone number. Guldmann does not assume the risk of loss or damage while in transit, so it is recommended you insure the package.

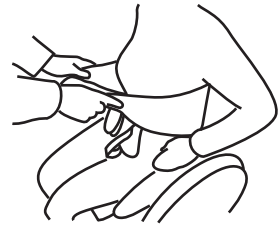
Note: Label must be facing away from the user and must not be turned upside down.

Place the sling on the user's shoulders and / or the chair's backrest. Ask the user to lean forward and let the sling go behind the user's back positioning the sling two fingers beneath the shoulder blade and above the belt line.



Position the upper edge of the sling under the armpits and stand in front of the user.

Ensure that a minimum distance of two fingers is between the sling and the armpits.



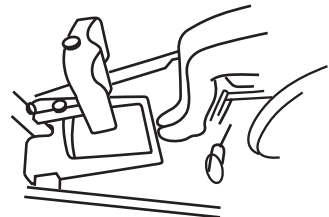
Wrap and attach the support belt firmly around the upper body to prevent the sling from sliding.

The sling is now ready for attachment to the lifter.

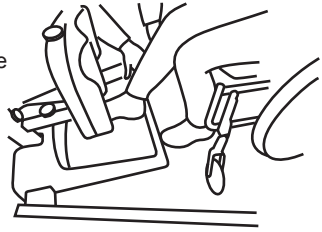
Ensure the belt is securely tightened and the Velcro is functional.



Introduce the lifter. **Caution** must be exercised to the foot plate when near user's feet.



Place the user's feet onto the foot plate and adjust the knee pad - the top of the knee pad should be level with the top of the shin on a distance of two fingers below the knee joint.



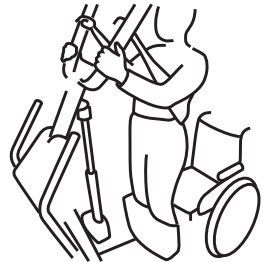
Optional – if the user has a tendency to have involuntary movements you can use the calf strap to ensure the user's feet do not come off the foot plate. If the calf strap is not in use fasten the strap to the back of the knee pad (avoiding loose straps).



Raise the lifting boom to gain tension on the sling – **Ensure that the sling is still secure and attached before continuing with the lift.**

Communication with the user should be maintained throughout the lifting procedure.

Alternatively you have the option to attach the sling onto the lower hooks; this will facilitate an alternative lifting position and is more suitable for the shorter user.

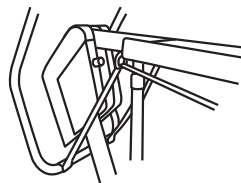


When placing the user back into a seated position push the lifter up to the chair / commode chair / toilet and position the user so the user's calf is parallel to the chair / commode chair / toilet. Begin to lower and ask the user to push his/her pelvis backwards to ensure the correct seated position.

To remove the sling carry out the fitting instructions in reverse order, taking care to remove the sling from the user avoiding skin friction and movement.

Attachment of the hip support straps

The support straps are looped at one end and have a buckle at the other. Thread the looped end through the gate on the boom and attach over the push handle bar as seen in the figure below. The strap is ready for use.



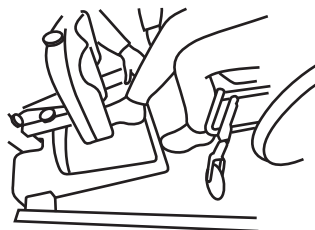
Note: Label must be facing away from the user.

Before fitting the standing sling ask the user to lean forward and introduce the hip support sling. This should be positioned at the base of the spine either side of the hips. Fit the standing sling as previously described.



Introduce the lifter. **Caution** must be exercised to the foot plate when near user's feet.

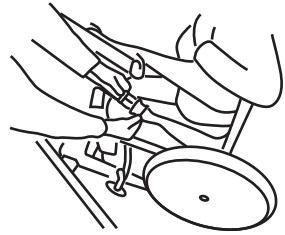
Place the user's feet onto the foot plate and adjust the knee pad - the top of the knee pad should be level with the top of the shin two fingers below the knee joint.



Optional – if the user has a tendency to have involuntary movements you can use the calf strap to ensure the user's feet do not come off the foot plate. If the calf strap is not in use fasten the strap to the back of the knee pad (avoiding loose straps).



Attach the hip support sling to the straps snapping the buckle together. Raise the lifting boom to gain tension on both slings – **Ensure that the sling is secure and attached before continuing with the lift.**



Adjust the hip support straps through the buckle and continue. The hip support sling should tension before the standing sling, – if it does not, then lower the user and readjust one or both slings.

As the lift progresses at approximately 60% into the standing procedure the hip support sling will loosen and once in standing the sling will be redundant allowing access to lower garments. Communication should be maintained throughout the lifting procedure.



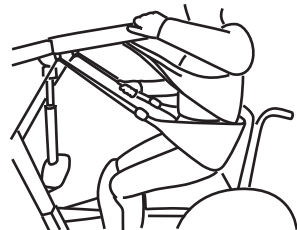
Alternatively you have the option to attach the standing sling onto the lower hooks, this will facilitate an alternative lifting position and is more suitable for the shorter user.

When placing the user back into a seated position push the lifter up to the chair/commode chair/toilet and position the user so his/her calf is parallel to the chair/commode chair/toilet.



Begin to lower and at approximately 40% into the lowering procedure re-apply the hip support sling and continue to lower. The sling will ensure correct seated position.

To remove the sling carry out the fitting instructions in reverse order, taking care to peel the sling away from the user avoiding skin friction and movement.



Alternatively: The Active Micro Plus sling can be used with the active lifter – for instructions see separate user guide for Active Micro Plus Sling.

| Time to care |

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