

# **LASAL A/S**

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## **PRODUCT GUIDE**

**Mobilia MobiBed**

**with**

**Mobilia Module Insert Cushions,  
Mattress and Positiong Cushions**





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## 1. Presentation of Mobilia MobiBed



## Everyone enjoys being part of the community

Regardless of any reduction in functional ability – and regardless of how few resources an individual has – all children and adults love to be part of the group.

People who are very immobile and who need to recline for many hours in the day, often experience that they are socially excluded. This is because often a bed or other kind of stationary location is often the preferred place for positioning the reclining person. Regardless of how well-intentioned this positioning may be, the user becomes excluded from the group. Reclining provides physical support but not mental support.

### There are many options with Mobilia MobiBed

Mobilia MobiBed means the user can be both mobile and social. The transporter can be used for resting, stabilising, supporting and yes of course, to transport the user around indoors. It creates many positioning options and is easy to adjust. These options allow the user to participate in several activities, regardless of whether the person needs to be in a reclining or sitting down position.



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### 1.1. Who can use Mobilia MobiBed?

- Children, young adults and adults with highly reduced functional ability
- People who have difficulty sitting in the same position long periods of time
- People with deformities, e.g. in the back or hip
- People with low muscle tone
- People, who primarily stay indoors and need to have mobile/transportable positioning
- People who cannot move under their own volition
- People who need to be driven around by an escort
- People who need to change position regularly, sitting down or lying down



### 1.2. Benefits of Mobilia MobiBed

- For resting, relaxation, stability and transport.
- Simple to adjust and operate with electrically driven adjustment of height, and back and foot support.
- Low-noise and durable LINAK control system. Environmentally friendly battery with connection to 100 V - 240 V.
- Adjustment options from reclining to sitting up.
- The assistant's working posture is improved significantly because of the height adjustment.
- Gives the user security and at the same time the option of participating in several activities; at school, day care centre, etc.
- Functions as a social aid by increasing contact with users, who need to recline a lot.
- Insert cushions and support cushions allow for unique positioning adjusted to suit the individual.
- The user is mobile, even when he or she needs to stay in a reclining position.
- There are three length settings in the back section and three in the seat section, which allows for up to nine length positions.

### 1.3. Standard functions

- Electrical raising and lowering function.
- Tilt function in the back and foot support.
- Can be used in reclining and sitting position.
- Electric-powered manual control of all electric-powered adjustable settings.
- Step adjustable handlebar.
- Parking brake on handlebar.
- Not suitable for use outdoors, though can be used on terraces and other similar paved level surfaces.
- Supplied with one belt.



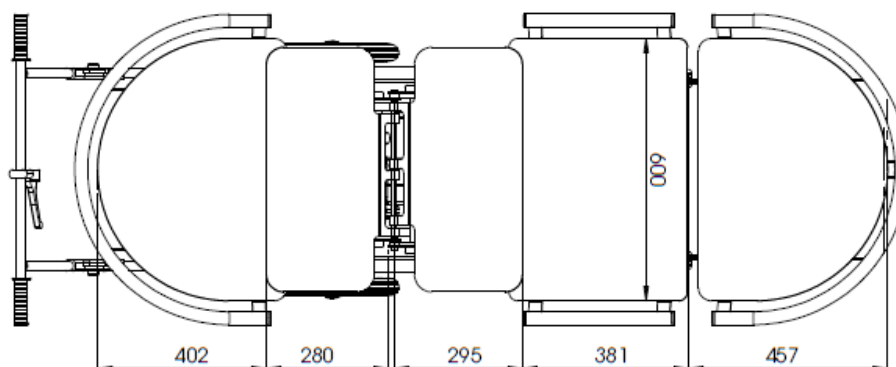
### 1.4. Accessories for positioning

We provide several products as accessories for positioning the user in Mobilia MobiBed:

- Module insert cushions consist of separate cushions, which can be put together using clasps.
- Visco elastic mattress with removable cover with strap for positioning cushion.
- As a supplement for the insert cushions, a series of Mobilia cushions, Mobilia cushions have been developed, specially made for use in the Mobilia MobiBed.
- Combined with the large LASAL cushion series, a solution can be found to suit any user, child or adult.

## 2. Specifications

Max. length with handlebar and foot support fully extended	2150 mm
Max. width of Mobilia MobiBed measured across cushion frame bar	720 mm
Height of cushion frame measured from floor to top of bar	
Lowest position	500 mm
Highest position	735 mm
Cushion frame length (adjustable)	
Min. length	1460 mm
Max. length	1830 mm
Max. reclining dimension fully extended:	
with Mobilia Mattress (person height max. 172 cm)	1835 mm
with Mobilia Module insert cushion (person height max. 180 cm)	1930 mm
Wheel base between front and rear wheel measured from the middle of axle to middle of axle	720 mm
Total weight without insert cushion	55 kg
Load capacity	
Safety tested to	120 kg
Utilisation weight (max. person weight) recommended	90 kg
Front wheel diameter	200 mm
Rear wheel diameter	300 mm
Actuator, motor, lift, back tilt and leg tilt - LINAK LA40-100 24 V	Load 4000 N
Control box - LINAK CA40 - SMPS - IPX6	24 V
Built-in charger in control box. To charge connect:	100V/240V
Manual control LINAK HB83 3-way	
Minimum dimension, e.g. when packing for transport: The transporter is folded together and lowered to the lowest position. The back is raised to maximum, the foot support is in the lowest position and the handlebar is pushed fully forward.	Length: 1340 mm Width: 720 mm Height: 1070 mm



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### 3. Insert cushions

Mobilia MobiBed uses insert cushions, which are available in several sizes and models. The insert cushions are made from comfortable materials and have removable and washable outer covers. The core insert cushions have a water-repellent and antibacterial polyester cover.

In addition, the modules are equipped with a zip, so that the core filling can be varied as required. The removed filling is stored in a fabric bag. Since the small beads can easily spill out, it is recommended that when removing them, a sheet is placed below the cushion.

#### 3.1. Mobilia Module Insert Cushions

Module Insert Cushions are made from three modules and can be compared to a beanbag chair. The modules can be shaped to suit the user and surface. For users with Scoliosis or other severe deformities, this is a natural option for creating support and comfort, in the sitting or reclining position.

Item No.	Product	Length	Width	Height	Black cover	Grey cover
164121	Module AB Back Cushion, size S	50 cm	65 cm	10/17/26 cm	164122	164129
164221	Module AB Back Cushion, size M	64 cm	65 cm	10/17/26 cm	164222	164229
164321	Module AB Back Cushion, size L	69 cm	65 cm	10/17/26 cm	164322	164329



The back module consists of two separate inner cushions. Module A (the smallest cushion) has a more solid filling to support the head and neck. Module B has less solid filling, which makes it more flexible and can be shaped in accordance with the user's shape and requirements.

Item No.	Product	Length	Width	Height	Black cover	Grey cover
164131	Module C Seat Cushion, size S	48 cm	65 cm	17/10 cm	164132	164139
164231	Module C Seat Cushion, size M	62 cm	65 cm	17/10 cm	164232	164239
164331	Module C Seat Cushion, size L	68 cm	65 cm	17/10 cm	164332	164339



The modules are assembled using clasps in the sides.



All of the undersides of the modules are covered with non-slip material.



The foot cushion is shaped to give good support to the feet and lower legs.

Item No.	Product	Length	Width	Height	Black cover	Grey cover
1604141	Module D Foot Cushion, unisize	51 cm	65 cm	17/10/26 cm	1604142	1604149

### 3.2. Positioning in Mobilia Module Insert Cushions



Cushions from both the Mobilia series and LASAL series can be used.



The insert cushion can beneficially be shaped before the user is placed on it, so that the user can be placed deep into the material and thus achieve the best support.



The illustration shows a Mobilia Module Insert Cushion with black cover made from 3D spacer, a material with increased airflow.



Moving from a sitting to a horizontal position is simple and easy. Mobilia MobiBed has an adjustable back and foot support, and the height can also be adjusted.



The user can be positioned in either a reclining or lateral position. It is recommended to always transfer the user to/from the transporter using a hoist.



Mobilia MobiBed is not equipped with a guard rail, so the belt must always be used when the user has been moved into position.



### 3.3. Mobilia Mattress

The Mobilia Mattress consists of a TempraFlex® viscoelastic foam mattress, where the “nest” is built up using loose positioning cushions. This provides the real option of creating individual positioning for the individual user. The same cushions can also be used for positioning in a bed. The mattress is available in three lengths with a washable cover.

Item No.	Product	Length	Width	Height	Black cover
165101	Mattress, size S	148 cm	65 cm	7 cm	165102
165111	Mattress, size M	163 cm	65 cm	7 cm	165112
165121	Mattress, size L	183 cm	65 cm	7 cm	165122



MobiBed with Mobilia Mattress with cover made from black spacer. The cover is made from polyester. Rear with non-slip PU coating.



Straps are fitted on the top of the mattress, which are used to hold the positioning cushions in place. In this example, a LASAL banana cushion is being fitted.



“The nest” is built up using loose positioning cushions from the Mobilia series or the LASAL series.



The belt and straps on the Mobilia Mattress are both used to keep the cushions and user in position.



The choice of cushions depends on the user’s desired positioning.



Mobilia Neck Cushion to support head position



Belt fitted across the hip.

### 3.4. Mobilia Positioning Cushions



Child sitting on a Mobilia Mattress. LASAL Banana supports the neck and back. NB: The straps hold the banana cushion in position. LASAL Crescent supports the arms. Mobilia Triangular Cushion supports the knees and the LASAL T-Cushion corrects the feet's direction and lifts the heels from the surface.



Reclining, LASAL Banana Cushion, Crescent, T-Cushion, and Mobilia Triangular Cushion under the knees.



Child lying in a circle of LASAL Banana Cushions. The body is well-supported, which at the same time provides a feeling of security and protection.



Lateral position, encircled by two LASAL Bananas, front and rear. T-Cushion is to support upper leg.



Child sitting, again with LASAL Banana Cushion to stabilise the upper body, LASAL T-Cushion for abduction of knee. Lower leg and feet resting on LASAL Large Square.

### 3.4. Mobilia Positioning Cushions

Mobilia Positioning Cushion series is specially made for use with the Mobilia MobiBed, but naturally can also be used in other situations.

In addition to the Mobilia series, cushions from the LASAL series of positioning cushions can also be used (see the product guide for LASAL Positioning Cushions).

The loose positioning cushions are placed around the user in the lying/sitting position on the Mobilia Mattress, which is also equipped with straps for securing, for example, the Banana Cushion (LASAL series). The two-part hip belt also helps to hold the cushions and user in the desired position.

The inner cushions are made from a stretchable and water-repellent material with a removable and washable cover.

Item No.	Product	Length	Width	Height	Cushion alone	Grey cover
164530	Triangle Cushion incl. cover	68 cm	24 cm	21 cm	164531	164539



In the supine position, the triangular cushion is placed under the hollow of the knees to correct any distortions and relieve the lower back. The legs sink into the cushion and prevents light abduction of the knee and hip. It can also be used behind the back in the lateral position. The Triangular Cushion is moderately filled and thus easy to shape. Matching width for Mobilia MobiBed

Product	Length	Width	Height	Cushion alone	Grey cover	Black cover
Wedge Cushion incl. cover	45 cm	64 cm	10 cm	164541	164549	164542



The Wedge Cushion is almost as high as the Triangular Cushion and is used to provide relief for the knee and lower leg, where there is a need for a slight lift. The cushion is placed between the hollows of the knee and seat. The cushion can be shaped and also provides good relief for the lower back.



The Wedge Cushion in combination with the LASAL T-Cushion.

### 3.4. Mobilia Positioning Cushions

Item No.	Product	Length	Width	Height	Cushion alone	Grey cover
164520	Gouda Wedge Cushion incl. cover	30 cm	31,5 cm	4 cm	164521	164529



Ideal as support for head and neck in reclining position and lateral position. The cushion's shape is formed by stitching and provides firm support.

Item No.	Product	Length	Width	Height	Cushion alone	Grey Cover
164510	Neck Cushion incl. cover	36 cm	6,5 cm	10 cm	164511	164519



A firm cushion, whose shape is stitched with high sides. Place behind the neck to support and correct in the reclining or sitting position.

Item No.	Product	Length	Width
166221	Belt, size S	125 cm	10 cm
166201	Belt, size L	137 cm	10 cm



The belt is available in two lengths, and is secured to either reclining surface bar or the frame under the reclining surface. If only a single belt is used it should be positioned across the hip of the user. If two belts are used, they should be positioned as a cross on top of the user.

NB: The belt does not prevent the user from sliding forward.

**Avoid sharp edges and pointed items  
that can poke holes in the cushions.**

## 4. Material specification

### Insert cushions and cushion accessories

The inner cushion: 100% PU covered and flame retarded polyester.  
 Filling: Flame retarded expanded polystyrene (EPS) beads.  
 Mattress: TempraFlex® viscoelastic foam, OEKO-TEX®-certified and flame retarded.  
 Mattress cover: 100% PU covered and flame retarded polyester.

Removable and washable cover in respectively, grey single jersey and black spacer:

#### Grey cover:

100% bio-based (Lenzing/Tencel), skin-friendly, OEKO-TEX®-certified material.

The soft and comfortable cover fits tightly around the cushion and helps the body to sink pleasantly into the material. The fabric's rear is covered with a polyurethane film, which prevents liquids penetrating. The cover also has an antibacterial barrier, is temperature regulating, breathable and flame retarded.

#### Black cover:

Mobilia modules and mattresses are available with a cover made from black spacer (3D) 100% polyester, OEKO-TEX®-certified and flame retarded. The cover has an attractive design, 3D effect and also helps the increase the airflow in the material. The thick material is comfortable to lie in and provides a fixed base in the soft cushions.

Both covers on the Module Insert Cushions and Mattress are fitted with a non-slip bottom.

## 5. Cleaning and maintenance

The inner cushion and mattress cover do not tolerate chemical cleaning and may not come into contact with solvents, as these can dissolve the polystyrene beads and damage the mattress. The cushion and cover can be wiped off using alcohol or normal cleaning products and water.

#### Outer cover:

##### Grey single jersey:

Wash at 60° C and dry in tumble dryer set at low heat. Does not tolerate bleaching agents or chemical cleaning.

##### Black spacer:

The polystyrene cover can be machine washed at 40° C but cannot be dried in a tumble dryer. Does not tolerate bleaching agents or chemical cleaning.

## 6. Disposal

Cushions and mattresses may be disposed of in ordinary household waste.