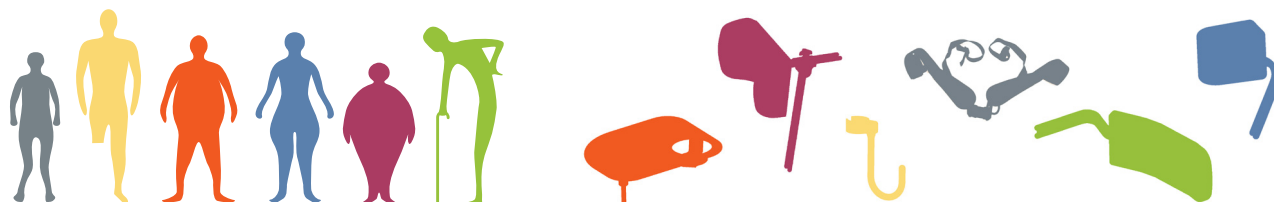


## HD Balance – Comfort wheelchair

► Prescriber information | English





## WE MANUFACTURE QUALITY OF LIFE

HD Rehab helps people to improve their quality of life. Our products help to create a comfortable, safe, and simple existence for users, relatives, and caregivers.

HD Rehab offers products designed to assist people with disabilities. Our primary product area is wheelchairs, which we have been designing, developing, and manufacturing for over 40 years. We never compromise when it comes to quality. Precision, safety for users and caregivers, functionality, and design are vital keywords for us. Regardless of which other wheelchair you use, you will notice the difference when you try one of our wheelchairs.

## FLEXIBLE CREATIVITY IN PRODUCT DEVELOPMENT

Whether you are a user, a family member or a caregiver, we want to hear your wishes and points of view. Our designers and developers work closely together on the production of our products on our premises in Lidingö. Our creative employees use their specialist knowledge, experience, and imagination to find solutions for the unique requirements of each individual.

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## 1. GENERAL

### 1.1 Target group / Areas of use

This prescriber information is aimed at those who want to have some overall information about HD Balance and the possibilities it provides prior to prescribing the product. This prescriber information is just one part of the documentation that is available regarding HD Balance. Others include the User Manual (art. no. 95701-1), the Info Sheets (art. no. 95930-1-959\*\*) and the Table of Measurements (art. no. 95719-1). All documents are based on a HD Balance wheelchair with standard configuration. It is possible to specify an alternative configuration, but care should be taken in doing so as it may entail limitations and certain risks. More information is available in the document Risk Info - Special Adjustments (art. no. 95707-1). The latest revisions of the above documents are available at [hdrehab.com](http://hdrehab.com).

HD Balance is a manual comfort wheelchair intended for use by persons in need of sitting comfort, support and stability that is superior to what active and all-round wheelchairs can provide. The multitude of possible settings gives the user an individually customised sitting position that is well balanced and that provides maximum pressure relief.

A complete user manual is always delivered with the wheelchair. Make sure that the user manual is always available when the wheelchair is used. The abbreviated user instructions supplied in the plastic pocket on the back of the wheelchair are only intended as a supplement to the main user manual.

Functions such as the tilting seat and reclining backrest provide good possibilities to create variation between a stable and active sitting position and a relaxed resting position. Be aware that sitting in the same position for a long time without changing position can lead to discomfort and harmful pressure. Symptoms of harmful pressure could be pain and redness of the skin that could eventually give rise to pressure-related sores.

HD Balance is intended for use in everyday situations, both indoors and outdoors, and it can be propelled forward by the user himself/herself or the caregiver. The standard design of both the HD Balance 16 and HD Balance 24 models is very well balanced and easy to manoeuvre. A well-placed point of balance and a short wheelbase contribute to these characteristics.

If the wheelchair is to be used by several different users, each user's special requirements must be taken into consideration. Furthermore, the wheelchair's upholstery on the backrest and seat cushion should be washed or changed before each new user starts using the wheelchair. Washing instructions can be found on the upholstery.

The maximum allowable user weight is stated in the Table of Measurements (art. no. 95719-1) and is also indicated on each wheelchair.

### 1.2 Testing and adjusting the wheelchair

Prescription should always take place before beginning to use a HD Balance wheelchair. This applies to a new wheelchair as well as when an existing wheelchair changes users. Also be aware that a new prescription could be required if a user's disability changes or new requirements arise. All prescriptions and adjustments of the wheelchair must be carried out by authorised personnel.



IMAGE 1. Model 24 left and Model 16 right.

HD Balance should be tested and the settings should be adjusted by trained personnel (Prescribers). An assessment of the user's safety should be carried out in conjunction with this process.

Instructions about how the wheelchair is to be used should have been given to users, family members, assistants or caregivers at the time the wheelchair is put into use. The user card is a useful aid as part of this process, but it does not replace the carrying out of a personal review.

It is recommended to check the wheelchairs functions on a daily basis. See the User manual (art. no. 95701-1) for more information.

## **2. CHASSIS**

More information about measurements and dimensions, how to change the settings and how accessories should be assembled is available in the User manual (art. no. 95701-1), the Info sheets (art. no. 95930-1-959\*\*) and the Assembly instructions (art. no. 95801-1-958\*\*). The latest versions of these documents are available at [hdrehab.com](http://hdrehab.com).

### **2.1 Models**

HD Balance comes in two different designs; one with 24" drive wheels and one with 16" drive wheels, see Image 1. The HD Balance 24 model, with hand rims on the wheels, is for users who can completely or partially drive the wheelchair themselves by using hand rims on the drive wheels. This model also passes somewhat more easily over obstacles such as, for example, curbs.

HD Balance 16 is a transportation model for users who do not drive the wheelchair themselves. The 16" wheels make it possible to transfer the user while remaining in a seated position, and enable the caregiver to come closer to the user in different situations. See the Chassis Info Sheet for more information.

### **2.2 Frame reinforcement**

HD Balance is available with a reinforced design with reinforcements on the wheel frame, seat frame and back frame for increased durability. Reinforced wheelchairs are used for patients that has a pattern of movement/behaviour that places more strain on the wheelchair than normally or if the wheelchair is used extensively in a tough environment. See also section 6.4 "Users who place more strain on the wheelchair".

### **2.3 Choice of seat width**

There are four seat widths available for HD Balance: 38, 42, 46, and 50 cm. Extra side padding is available as accessories, to further adjust the seat width to suit the user. These are attached to the side supports in order to reduce the seat width. Another alternative for adjusting the seat width is spacers. These are mounted between the armrest post and the side support.

### **2.4 Choice of seat depth**

HD Balance is available with a standard or extended seat frame. The wheelchair with the extended seat frame is equipped with an extended seat plate and an extended seat cushion. When a shorter seat depth is needed back spacers can be used to move the back support forward by 2,5 cm. See section 4 in Accessories.

## 2.5 Balancing the wheelchair

***The wheelchair is well-balanced in its standard design and suits most users' requirements. One should always strive to achieve a satisfactory standard configuration, but in certain special cases the wheelchair's basic configuration may need to be changed. This should be very carefully considered, and any possible risks should be carefully assessed, in each individual case.***

### MOVING THE DRIVE WHEELS

The drive wheels can be assembled in two different positions, front and rear, according to Image 2. As standard the HD Balance is delivered with the drive wheels in the front position. Tests have shown that this provides a wheelchair that is easy to drive and that has sufficiently good stability for normal users.

For maximum stability to the back, the drive wheels can be assembled in the rear position. This provides a more stable wheelchair that is somewhat heavier to drive. If the user often sits with a significantly reclined backrest and seat, the rear wheel position should be used.

### BALANCING THE SEAT UNIT (SHIFTING THE CENTRE OF GRAVITY)

The tilt plates that connect the wheel frame and the seat frame can be exchanged for alternative varieties. The seat unit can thus be moved forward or backward. See Image 3.

### SETTING THE HEIGHT OF THE SEAT UNIT

The height of the seat can be adjusted by changing out the tilt plates for a lower or higher version. It is also possible to lower the height of the seat on the HD Balance 24 by changing to smaller drive wheels and adjusting or changing out the castors.

- Always be aware that the risk for tipping could increase when changing the balance and height of the wheelchair
- Document "Reference Table – balance configurations" (art. no. 95759-1) and Document "Reference Table – balancing modes" (art. no. 95758-1) set out the different combinations of balancing and seat height raising/lowering that are allowed, along with the limitations that such adjustments may entail. Read these documents carefully before ordering special design adjustments.

## 2.6 Seat tilting and backrest reclining

The seat unit on HD Balance can be tilted 0 - 20 degrees, see Image 4a. It is even possible to increase the angle of tilt to a range of -5 - 30 degrees, but this may increase risk for tipping. It is also possible to limit the angle of tilt. See the Info Sheet "Seat Tilt/Backrest Recline" (art. no. 95944-1) for more information.

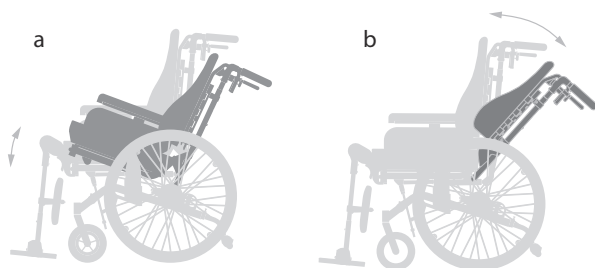


IMAGE 4. The seat unit can be tilted from approx. 0 - 20° (a) and the backrest can be reclined from 90 - 120° (b).

Note that an individual risk assessment should be carried out by the prescriber in each individual case. The body shape and weight of different users affect the wheelchair balance.

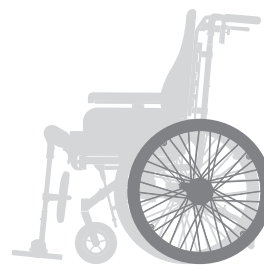


IMAGE 2. The rear wheel has a front and rear position.

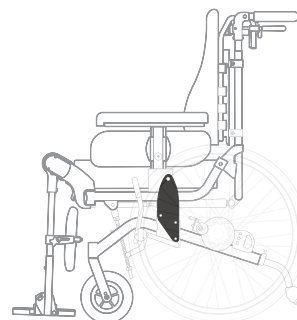


IMAGE 3. The positioning of the tilt plates.



## RECLINING THE BACKREST

The backrest can be continuously reclined from 90 - 120 degrees, see Image 4b. It is possible to increase the backrest recline to 90 - 135 degrees but note that this can increase the risk of tipping. The angle of the backrest is regulated with the aid of a gas spring that is assembled under the seat of the wheelchair. The gas spring provides a lifting force that helps with the raising of the backrest. The possibility to regulate the angle of the backrest can be taken away and replaced with a fixed angle backrest that can be set to an angle between 90 and 105 degrees. This can be specified when the wheelchair is ordered, or the change can be made by an authorised technician at a later time.

## CONTROLS

The seat tilt control is green and is located on the right-hand side of the push bar, while the backrest recline control is grey and is located on the left-hand side of the push bar. Each of these controls should be adjusted individually, in other words not at the same time. Use only moderate force when adjusting the controls.

## ELECTRIC CONTROLS

HD Balance can be equipped with electric controls for seat tilt and backrest recline, which makes it possible for the user to independently to change the seating position.

**NOTE:** When electric controls are equipped the seat tilt cannot be reduced or increased from the stand 0 - 20 degrees, and likewise the backrest recline is always 90 - 120 degrees.

## 2.7 Wheels

HD Balance is available in two models: HD Balance 16, which has 16" rear wheels, and HD Balance 24, which has 24" rear wheels. Both models are equipped with 7" (175 mm) front castors.

All tyres on a HD Balance wheelchair, regardless of the model, are solid and puncture proof as standard. As an alternative, it is possible to order pneumatic tyres and tyres with a Flexel tube to make the wheelchair easier to manoeuvre when the user is heavy. The rear wheels are equipped with a quick release function.

## 2.8 Hand rims

The hand rims on HD Balance are made of aluminium as standard. As an alternative it is possible to order other hand rims that are plastic-coated for better grip, or hand rims in stainless steel that are more durable than the aluminium. The hand rims may not be removed as they contribute to the strength of the wheel construction. The total width of the wheelchair can instead be narrowed by moving the hand rims closer to the wheels (Narrow positioned hand rims) and/or changing out the castor axle pins for a shorter version.

## 2.9 Brakes

As standard, HD Balance is equipped with push bar side units with a combined main brake and parking brake (the caregiver brake). The HD Balance 24 model is also equipped with separate parking/user brakes. These can also be ordered as an optional extra for the HD Balance 16 model. The combined main brake and parking brake (the caregiver brake) can be deselected from both the HD Balance 16 and HD Balance 24 model.

## COMBINED MAIN BRAKE AND PARKING BRAKE (THE CAREGIVER BRAKE)

The brake levers are located under the push bar/operating handles and are operated by the caregiver from the back of the wheelchair. The parking brake consists of a socket that locks the brake into parked mode.

## PARKING BRAKE / USER BRAKE

On the HD Balance 24 model there is a separate parking brake for the user. This brake is a tyre brake and it is also possible to order this brake for the HD Balance 16 model if desired. If the user has difficulty reaching the brake lever, or if he/she is not strong enough to operate the standard lever, it is possible to order longer brake levers for the HD Balance 24 model.

## 2.10 Push bar side units

As standard, HD Balance is equipped with push bar side units with integrated caregiver brakes.

Alternative options are basic side units (without brakes) and angle-adjustable side units. The angle-adjustable side units can be set to 3 different positions to better suit the height of the caregiver in concert with the users seating position.

The push bar side units can be raised and lowered to 3 different positions using snap locks in the back frame tubes. Extended side units (+12 cm) are available if the caregiver who will be driving the wheelchair is tall.

## 2.11 Push bar / Operating handles

As standard, HD Balance is equipped with a push bar attached to the side units.

As alternatives it is possible to order an extra-depth push bar, a push bar that is both elevated and bowed, or separate operating handles.

THE EXTRA-DEPTH PUSH BAR can be selected if, for example, a power pack is to be used.

THE ELEVATED AND BOWED PUSH BAR can be selected if the user will mostly be using the wheelchair in the tilted seat and/or reclined backrest mode.

SEPARATE OPERATING HANDLES can be selected if, for example, a stair climber is to be used.

## 2.12 Anti-tip device

An anti-tip device is part of the standard equipment on all HD Balance models. Note that the anti-tip device for the 16" model is somewhat different in design from the anti-tip device for the 24" model. Be sure to use the right anti-tip device for the right model.

The height of the anti-tip device can be set to three different positions (heights) and it can also be turned and locked into inactive mode when, for example, passing over a curb or doorstep. The anti-tip device should always be fully extended in active mode when there is a risk of tipping backwards, and it is critical to remember to turn back and lock the anti-tip device into position again after using the inactive mode.

Placing a foot against the anti-tip device allows the caregiver to gain a firm footing when, for example, the wheelchair is to be angled up onto its rear wheels.

**NOTE:** The risk for tipping can vary depending on the weight, body shape and placement of the user in the chair. Other factors that affect the risk of tipping include the angle at which the seat is tilted, the angle at which the backrest is reclined, the angle of the leg rests, the placement of the rear wheels, and any additional load being placed on the chairs backrest. The risk for tipping should always be checked in relation to the situation in which the wheelchair is being used at any given time, and the anti-tip device settings should be adjusted accordingly. The wheelchair may NOT be used without the anti-tip device.

## 3. SEAT UNIT

More information about measurements and dimensions, how to change the settings and how accessories should be assembled is available in the User manual (art. no. 95701-1), the Info sheets (art. no. 95930-1 - 959\*\*) and the Assembly instructions (art. no. 95801-1-958\*\*). The latest versions of these documents are available at [hdrehab.com](http://hdrehab.com).

### 3.1 Seat

HD Balance is equipped with a depth-adjustable seat plate to provide the user with a good support area and maximum pressure distribution. The depth is adjusted via a lever located under the seat plate. The seat plate is equipped with Velcro for attaching the seat cushion.



## SEAT CUSHION

HD Balance is equipped with a cut-to-shape seat cushion made of foam with a comfortable seat indentation, thigh support and pommel. The front edge of the seat cushion is angled with an overhang which minimises the risk for pressure on the hollow of the user's knee. The seat cushion is attached to the seat plate with Velcro.

There are three alternatives available when it comes to the seat cushion upholstery: grey Trevira (standard), black Trevira, or Hygienic (disinfectable). Extra seat covers (that can be placed over the existing cover) are available as accessories in black Trevira. These are elastic and can be slipped over the existing seat cover to provide an extra washable layer of protection. The extra seat covers are available both with and without incontinence protection.

## 3.2 Backrest

### FLEXI BACKREST SYSTEM

As standard, HD Balance is equipped with the Flexi backrest system. The Flexi backrest system consists of the Flexi backrest frame with seven adjustable straps as well as the Flexi backrest cushion. The straps can be adjusted to provide the user with good pelvic and lumbar support. It is also possible to create extra space for the user's backside or hunched back by loosening the straps. Good side support for users who lean to the side can be achieved by loosening all the straps and scooping the backrest cushion. The Flexi backrest system is also available in an extended version for tall users. See the User instruction (art. no. 95701-1) for information about how to adjust the Flexi backrest system.

If additional support for the trunk is required, it is possible to order a thoracic support. See the Accessories section for more details.

### FLAT BACKREST

As an alternative to the Flexi backrest system, it is possible to order a flat backrest consisting of a solid backrest plate in aluminium. The flat backrest is also available in an extended version for tall users.

### ADJUSTING THE HEIGHT OF THE BACKREST

There are two ways to adjust the height of the backrest. One way is via the tracks in the Flexi frame for step-less height adjustment. If further height adjustments are required, the backrest brackets can also be moved somewhat along the backrest frame's side tubes.

### BACKREST CUSHION

The Flexi backrest cushion is made of foam with cut-to-shape side wings in order to provide soft but stable side support. As an alternative, it is also possible to order a flat backrest cushion made of foam that does not have wings. The same backrest cushions that are used with the Flexi backrest system are also used with the flat backrest. There are three alternatives available when it comes to the backrest cushion's upholstery: grey Trevira (standard), black Trevira or Dartex (disinfectable).

### SHOCK ABSORBING BACK

It is also possible to add a more flexible backrest to the wheelchair. This saves wear and tear on the wheelchair's components for users with, for example, a high degree of hypertonia/spasticity. This must be assessed in each individual case.

## 3.3 Alternative backrest width

HD Balance can be equipped with a wider backrest to provide better support for users with broad shoulders and narrow hips. It is also possible to equip the wheelchair with a narrower backrest for users who have a narrow upper body but are wider around the hips and backside.

When a wider backrest is used there is some restriction to the depth settings of the armrests.

### 3.4 Leg rests

There are two varieties of leg rest available: fixed angle leg rests and adjustable angle leg rests. As an alternative it is also possible to order amputee leg rests.

The HD Balance wheel frame is designed in such a way that all types of leg rest can be used at 90 degrees with the standard configuration of the wheelchair, without causing any disturbance to the castors. The 90 degree position is useful, for example, when the user has knee contractures, or in order to break up the stretch spasticity in the legs. Leg rests are available in three different lengths: standard, short and long. See the Leg Rests Info Sheet (art. no. 95933-1) for more information.

#### ADJUSTABLE ANGLE LEG RESTS

Adjustable angle leg rests consist of an upper leg rest, a calf support and a footrest. The leg rests can be assembled and removed in a simple fashion involving the use of only one hand, without the user's lower legs needing to be stretched or straightened out. The leg rests are adjustable from 90 – 180 degrees. The placement of the upper leg rest's centre of rotation means that the length of the leg rest does not need to be adjusted for most users when the angle of the knee joint is altered (length-compensating).

#### FIXED ANGLE LEG RESTS

Fixed angle leg rests are available as an alternative to the adjustable angle leg rests and consist of an upper leg rest, a calf support and a footrest. As with the adjustable angle leg rests, the fixed angle leg rests can be assembled and removed in a simple fashion involving the use of only one hand, without the user's lower legs needing to be stretched or straightened out. The fixed angle leg rests are available in a 90° and 105° design as standard, although they can also be specially made at a different angle when necessary.

#### AMPUTEE LEG RESTS

Adjustable angle amputee leg rests are available as accessories and can be adjusted to an angle between 140 – 180 degrees. Amputee leg rests are removable and can be turned out sideways. The height, depth, and lateral position of the leg rests padded calf plate is adjustable.

#### RELEASABLE KNEE JOINT

This makes it possible to adjust the angle of the leg rests from one side when a One piece footrest or Foot box is used. Angle adjustment can thus be done by a single caregiver.

### 3.5 Calf supports and footrests

#### CALF SUPPORTS

Separate calf supports are included as standard for HD Balance. Alternatives include a one-piece calf support, calf panel, or calf strap. Height, depth and angle are adjustable for the separate calf supports and the one-piece calf support. There are also two alternate versions of the separate calf supports which are deeper (3 or 5 cm). The one-piece calf support is also available in a version which is 3 cm deeper.

As of spring 2015 the separate calf supports can also be smoothly adjusted laterally.

#### FOOTRESTS

HD Balance features separate footrests as standard. The height, depth and angle of these separate footrests are adjustable. As an alternative, it is possible to order a one-piece footrest or foot box. Both of these are height and angle-adjustable.

All footrests can be used with both the adjustable angle leg rests and the fixed angle leg rests. A shorter variety of footrest is available for users with short legs. Footrest sides, heel straps, and pads for footrests can be ordered as accessories. For more information about combining long and short footrests with different lengths of leg rest see the Leg Rests Info Sheet (art. no. 95933-1).

### 3.6 Armrests

There are three varieties of armrest available: the standard armrest, the wide armrest and the hemiplegia armrest. The standard and wide armrests are also available in low versions for short users or those with a collapsed sitting position.

#### STANDARD ARMRESTS

The standard armrest consists of a height- and depth-adjustable padded armrest plate and a padded side support. The height and depth of the armrest plate can be adjusted without the use of tools. When it comes to the height setting there is a graduated scale so that the armrests can easily be set to the same height. The depth of the armrest plate can be regulated to provide support for the user's elbows in different sitting positions. For example, the armrest plates can be pushed forward to provide support when getting up from the chair, and they can be pushed back when the user needs to get close to a table.

#### WIDE ARMRESTS

The wide armrest consists of a padded arm support and a padded side support. The armrest pad is wider at the back and is softer than the standard armrest. The wider armrest support gives a better support area for users whose arms are further out from their body.

#### HEMIPLEGIA ARMRESTS

Hemiplegia armrests are available in both a right-handed and left-handed version and consist of a padded upper armrest and a padded side support. The upper armrest is shaped to provide support to the user's arms and can be adjusted in terms of height, depth and width. It can also be rotated in front of the body. The hemiplegia armrests are, for example, used for users who lean to one side, who have pain in their arm/shoulder, or who have their arm in a cast.

#### SIDE SUPPORT WITH POST

A side support with post, where the armrest pad has been removed, gives the user more freedom of movement and the possibility to get a better grip on the drive rings. A better grip makes it possible to use more strength to drive the wheelchair.

#### WEDGE-SHAPED SIDE SUPPORTS

As an alternative, the standard armrests can be equipped with wedge-shaped padded side supports. In the case of external rotation/abduction of the hips, these side supports straighten up the user's thighs to a parallel position. The pressure is distributed along the thighs, and the pressure point at the knee joints is reduced. The wedge-shaped side supports are somewhat longer than the standard side supports and are available in two different widths.

#### ARMREST LOCK

The armrest lock makes it possible to easily lock the armrest unit in place on the seat frame of HD Balance when this need exists.

## 4. ACCESSORIES FOR HD BALANCE

Below is a list of the accessories that are available for HD Balance. Read the latest version of the relevant info sheet carefully before selecting and using an accessory. The latest versions of the info sheets are available at [hdrehab.com](http://hdrehab.com).

An assessment must always be carried out as to whether an accessory might entail increased risks for the user or for other people in the immediate area before a decision about the use of the accessory is made. For example, it could be a matter of the risk of the user getting crushed, of him/her getting stuck between the accessory and the wheelchair, or of an increased risk of the wheelchair tipping over. The assessment of potential risks is particularly important when it comes to users with unusual patterns of movement, such as in the case of users with spasticity, exaggerated movements, etc.

### HEADRESTS AND NECK RESTS

Two alternative means of supporting the user's head/neck are available: a headrest and a neck rest. The headrest provides somewhat enhanced and scooped support for the head. The neck rest is a bit smaller and softer and provides support for the back of the neck. The headrest and neck rest are also available with a sideways-adjustable head support cushion to accommodate different users positioning needs, and with brackets for side support. Side supports can be used on one or both sides, for example to give support for a user who leans sideways. The side supports for the headrest are available with fixed angle and with adjustable angle. For the neck rest side supports are available with adjustable angle.

### THORACIC SUPPORT

There are three varieties of thoracic support available: standard, adjustable and adjustable mini. These are used to provide the user with a more stable sitting position and to prevent the user from leaning to the side or at a forward angle. The thoracic support is available with different mounts and in different sizes to suit users of varying needs. All types of thoracic support have the swing-away function, which allows one to swing away the thoracic support cushion, for example in a user transfer situation. The mounts for the thoracic support are ordered separately or together with the thoracic support.

### SHOULDER SUPPORT

The shoulder support consists of a shoulder support cushion, shoulder support mount, and frame mount. A shoulder support is used to give support and improve the users position/balance, and to prevent the user from leaning to the side. The shoulder support cushion can be adjusted in height, depth, and angle, as well as rotation in two planes, making it possible to evenly distribute pressure along the upper arm. With a button release the shoulder support can easily be turned outward during user transfer (swing-away function).

### POMMELS

There are two varieties of pommel available, standard and forward mounted, and they are available in two sizes, large and small. They are used to provide support to or separate the user's legs, and are height-adjustable. The standard variety is also depth-adjustable. The pommel mount is assembled onto the seat plate.

### TABLE TRAYS

Table trays are available in wood (oak) and PC (polycarbonate), with space for the trunk. Both varieties of table tray can be ordered with pads for the elbows. The table trays have a small border that prevents objects from falling off.

Support tray (padded) is available as an option if the user needs a soft support under the arms.

Mug tray can be used as an option when a smaller support area is desired. The mug tray has an attachment which allows for rotation lock.

The table tray brackets are available in two versions: standard (not lockable) and lockable.

### POSITIONING BELTS

There are two varieties of positioning belt available: a 2-point belt with two attachment points, and a 4-point belt with four attachment points. The length of the belt is adjustable, with

tightening straps set two positions from the middle. The belt mounts are ordered separately and are used to mount the belt onto the wheelchair's seat frame in the desired position.

#### **SPOKE PROTECTION**

Spoke protection can be assembled on 20" and 24" drive wheels. The spokes are hidden behind a transparent plastic disc that eliminates the risk of injuries to hands and fingers.

#### **EXTRA SIDE PADDING**

Side padding enables adjustment of the width of the seat according to the user and provide extra stability for the hips and thighs. Each pad is attached to the inside of the side support on the armrest by a pocket at the front and Velcro at the back.

#### **SIDE SUPPORT SPACERS**

Side support spacers are attached between the side support and armrest post as another method for adjusting the seat width. In combination with extra side padding the HD Balance with seat width 38 cm can be adjusted to 34 cm. The spacers can also be used instead of extra side padding if the wheelchair is equipped with wedge side supports.

#### **BAG HOOK**

The bag hook is assembled onto the push bar and is intended for use with lighter types of bags and other such items.

Remember that the risk for tipping increases if more weight is applied to the wheelchair and/or if the wheelchair's seat and/or backrest are angled backwards.

#### **IV POLE**

The IV pole gives the user the possibility to sit up in the wheelchair when an IV drip or tube feeding is being administered. When the seat is tilted and/or the backrest is reclined, the angle of the mount is adjusted to keep the IV pole vertical. The IV pole is removable. The IV pole entails an increased risk of tipping, especially in case of heavy drip bags and when the seat is tilted.

#### **OXYGEN TANK HOLDER**

The oxygen tank holder is available in two different sizes, for oxygen tanks up to 2,5 L. The oxygen tank holder is held in place by a bracket mounted to the back frame of the wheelchair. The holder with tank can easily be lifted off the bracket to follow with the user when transferring.

#### **COAMING FOR ARMREST**

The coaming for the armrest is assembled onto the armrest rail and prevents the user's arm from sliding off the armrest pad backwards or to the side. The coaming can be useful in a reclined sitting position or if the user's arm is weak, for example after a stroke.

#### **CHEST HARNESS BRACKET**

The chest harness bracket is intended to provide attachment points for various chest harnesses and similar products. The chest harness bracket is assembled onto the wheelchair's backrest system, and both sides of the chest harness bracket are individually adjustable in terms of height, width and angle.

#### **ADDITIONAL COVER FOR SEAT CUSHION**

The additional cover is pulled over the wheelchair's existing upholstered seat cover as a protection. This facilitates the washing and quick changing of the seat cover. The additional cover's upholstery, in black Trevira, is available in a standard and an incontinence variety.

#### **HEEL STRAPS**

The heel straps prevent the user's feet from sliding backwards off the footrests. They are assembled via the two rear holes on the footrests.

#### **PADDING FOR FOOTRESTS**

The padding for the footrests is pulled over the footrests and held in place with velcro strips. The padding provides a soft base for the user's feet if he/she is sitting in the wheelchair without shoes.

## PROFILE STOP

The profile stop is a clamp that is attached around the headrest's/neck rest's bracket or the thoracic support's bracket. It is used as a "reminder" to facilitate the placement of the headrest/neck rest or thoracic support in exactly the same position as the prescriber has set.

## BACK SPACERS

Back spacers move the back rest forward to give a shorter seat depth than can be achieved by adjusting the seat plate. The use entails risk, see Risk Information (art.no. 95707-1) and the user manual for Back Spacers (art.no. 95831-1).

## 5. TOOLS/ASSEMBLY

The most common settings on a HD Balance wheelchair can be adjusted without tools.

The prescriber may require tools when first setting up the wheelchair for a new user. A two-sided wrench, 10 and 13 mm, is included under the seat plate. This wrench can be used for most of the set-up adjustments.

Mounting and adjustment of certain accessories can require an open wrench, Phillips screwdriver, slot screwdriver, or Allen wrenches. These tools are not included with the wheelchair.

## 6. ADDITIONAL INFORMATION

### 6.1 Care and maintenance

In order to achieve the best safety and a long product life, the wheelchair should be kept clean and in good condition. See the maintenance instructions (art. no. 95730-1) for more information. All upholstery for the cushions and accessories is washable at 60°C (washing instructions can be found on the inside of the upholstery). Any errors and faults that arise should be rectified immediately. How the wheelchair is used affects the need for maintenance. In situations of strenuous use in the case of, for example, users with a high degree of hypertonia and special patterns of movement, or when the wheelchair is used outside a lot, more regular maintenance of the wheelchair is required. The estimated life of the product when used normally by one and the same user is ten years. This assumes that the wheelchair is cared for and maintained in accordance with the instructions provided in the user manual and the maintenance instructions.

When using a power pack in the case of frame reinforcements and other special design adaptations to the wheelchair, and in the case of extreme use, the estimated life of the product is reduced to 5 years. In such cases the care and maintenance should be carried more frequently.

### 6.2 Ergonomics & Patient safety

HD Balance is equipped with scales that indicate the current angle of the seat and the backrest, the angle of the knee joint, the height of the armrests, and the seat depth. These scales improve the safety of the patient by reducing the risk for the patient sitting in an incorrect position. In respect to these scales there is a user card on which the prescriber can document the recommended settings for the user. This is an effective communication tool for prescribers and caregivers/relatives/users. User cards can be ordered separately if they need to be replaced.

HD Balance is ergonomic for caregivers. The wheelchair's short wheelbase contributes to good handling characteristics when it comes to driving and manoeuvring the wheelchair. The well-designed balance allows for very little effort to tilt the seat unit. The seat tilt and backrest recline controls are positioned so that they are easy to reach, and one can maintain grip on the push bar while adjusting these controls. The positioning of the controls also contributes to a more symmetrical working position for the caregiver.



### 6.3 Transportation in vehicles

HD Balance is tested and approved, in accordance with ISO 7176-19:2008, for the transportation of users in vehicles while they are strapped in to the wheelchair. A headrest/neck rest should be used when travelling in a vehicle. The instructions provided in the user manual should always be followed carefully.

On the wheelchair's rear wheel frame there are transportation brackets, and the front attachment points are marked on the front part of the wheel frame.

HD Balance can easily be collapsed for transport. See the Table of Measurements (art. no. 95719-1) for the relevant dimensions in relation to transportation situations.

### 6.4 Users who place more strain on the wheelchair

If the user has a pattern of movement/behaviour that places more strain on the wheelchair than normal, the user should be prescribed a wheelchair with a reinforced design. This applies to users with, for example, a high degree of hypertonia/spasticity, extensive use in tough environments, or handling in a way that is significantly different from normal. To improve durability the wheelchair has a reinforced wheel frame, seat frame, and back frame.

The wheelchair should also be equipped with a shock absorbing back. The use of a shock absorbing back must be assessed in each individual case as it is not suitable for all users.

Leg rests with one piece footrests, one piece calf supports or foot box should be used for users with a high degree of hypertonia/spasticity. This increases the strength and stability of the leg rests. Use preferably leg rests with fixed angle for maximum strength.

Users that create extra strain and/or stressful use raise the demands on the wheelchair and its components. A reinforced wheelchair therefore requires more frequent and more thorough maintenance, and the expected lifetime is shortened.

### 6.5 Permitted changes and combination agreements

The use of other suppliers products together with HD Balance is regulated by way of combination agreements. Our instructions and recommendations must be followed in order for the CE marking to be valid. The document entitled "Permitted changes with the CE marking intact" (art. no. 95724-1) specifies which changes are permitted to be made to HD Balance while still retaining the validity of the CE marking. The document "List of combination agreements" (art. no. 95232) specifies the combination agreements that are in place. These documents are available at [hdrehab.com](http://hdrehab.com), and are updated on an on-going basis.

### 6.6 Special adaptation

If a user requires further special adjustments to his/her wheelchair, in addition to the alternatives provided for in the standard HD Balance product range, HD Rehab can make specially customised products. More information about this is found in the document entitled "Information about specially customised products" (art. no. 95431-1) and "Workflow for Special adaptations" (art. no. 95433-1). These documents are available at [hdrehab.com](http://hdrehab.com), and are updated on an on-going basis.

## 6.7 Other documentation

The following documentation (among others) is available for HD Balance:

95701-1	USER MANUAL
95707-1	RISK INFORMATION – CONFIGURATIONS AND ACCESSORIES
95710-1	ABBREVIATED USER INSTRUCTIONS
95717-1	CONFIGURATIONS FOR HD BALANCE
95718-1	ACCESSORIES FOR HD BALANCE
95719-1	TABLE OF MEASUREMENTS
95720-1	TECHNICAL INFORMATION
95724-1	PERMITTED CHANGES
95725-1	RECONDITIONING GUIDE
95730-1	MAINTENANCE SCHEDULE
95758-1	REFERENCE TABLE – BALANCING MODES
95759-1	REFERENCE TABLE – BALANCE CONFIGURATIONS
95764-1	LABELLING, HD BALANCE
95801-1 - 958**	ASSEMBLY INSTRUCTIONS
95930-1- 959**	INFO SHEETS

The latest versions of these and other useful documents are available at [hdrehab.com](http://hdrehab.com).

## 7. OVERVIEW OF OPTIONS

Tables 1, 2 and 3 below provide an overview of the options and settings available for HD Balance. Note that some of these alternatives could affect set-up possibilities or restrict use. Refer to the relevant Info Sheet for each section when making decisions regarding configuration.

**TABLE 1. OPTIONS TO BE DECIDED ON AT THE TIME OF ORDERING THE WHEELCHAIR AND THAT CAN'T BE ALTERED AT A LATER STAGE**

MODEL	16	24		
SEAT WIDTH	38	42	46	50
LENGTH SEAT FRAME	STANDARD. (45-55 CM)	EXTENDED (50-60 CM)		
FRAME REINFORCEMENT	STANDARD	REINFORCED SEAT-, BACK- AND WHEEL FRAME		

**TABLE 2. OPTIONS THAT CAN BE DECIDED ON AT THE TIME OF ORDERING THE WHEELCHAIR OR THAT CAN BE REPLACED/CHANGED BY AUTHORISED TECHNICAL PERSONNEL**

BALANCING OF SEAT UNIT	STD PLACEMENT	FORWARD (3 CM)	BACK (3 CM)		
POSITION OF WHEEL	STD PLACEMENT	BACK POSITION (5 CM)			
SEAT HEIGHT	STD PLACEMENT	RAISED (5 CM)	LOWERED (3 CM)		
SEAT TILT	STD 0 - 20 °	-5 - 20 °	0 - 30 °	-5 - 30 °	
BACKREST ANGLE	STD 90 - 120 °	INCREASED 90-135 °	FIXED 90 - 105 °	FIXED INCR. 105 - 120 °	
BACKREST ANGLE SHOCK ABSORBING	STD 90 - 120 °	INCREASED 90 - 130 °	FIXED 90 - 105 °	FIXED INCR. 105 - 120 °	
PUSH BAR SIDE UNIT	STANDARD	INCREASED HEIGHT	SIMPLE	SIMPLE, INCR. HEIGHT	ADJUSTABLE ANGLE
BRAKES	STD CAREGIVER BRAKE	USER BRAKE (STD ON BALANCE 24)			
PUSH BAR / HANDLES	PUSH BAR STD	PUSH BAR EXTENDED DEPTH	PUSH BAR ELEVATED & BOWED	SEPARATE OPERATING HANDLES	

**TABLE 2 CON'T. OPTIONS THAT CAN BE DECIDED ON AT THE TIME OF ORDERING THE WHEELCHAIR OR THAT CAN BE REPLACED/CHANGED BY AUTHORISED TECHNICAL PERSONNEL**

<b>SEAT CUSHION</b>	STANDARD	EXTENDED	WITHOUT		
<b>BACKREST SYSTEM</b>	STD FLEXI	FLEXI EXTENDED	FLAT	FLAT EXTENDED	WITHOUT
<b>BACKREST WIDTH</b>	SAME AS SEAT WIDTH	WIDE + 4 CM	WIDE + 8 CM	NARROW - 4 CM	
<b>BACKREST CUSHION</b>	STD WITH SIDE SUPP.	STD WITHOUT SIDE SUPP.	EXTENDED WITH SIDE SUPP.	EXTENDED WITHOUT SIDE SUPP.	WITHOUT
<b>LEG RESTS</b>	STD ADJUSTABLE ANGLE	AMPUTEE	FIXED ANGLE 90°	FIXED ANGLE 105°	WITHOUT
<b>LEG REST LENGTH</b>	STANDARD	SHORT	LONG		
<b>CALF SUPPORT</b>	STD SEPARATE	ONE PIECE	CALF PANEL	CALF STRAP	WITHOUT
<b>FOOTREST</b>	STD SEPARATE	ONE PIECE	FOOT BOX	WITHOUT	
<b>FOOTREST LENGTH</b>	STANDARD	SHORT			
<b>ARMRESTS</b>	STANDARD	WIDE	LOW HEIGHT	WIDE LOW HEIGHT	WITHOUT
<b>HEMIPLEGIA ARMREST</b>	LOW	HIGH			
<b>ARMREST SIDE SUPPORTS</b>	STANDARD	WEDGE NARROW	WEDGE WIDE		
<b>TYRES</b>	POLYURETHANE STANDARD	POLYURETHANE SLIM (24" ONLY)	PNEUMATIC	FLEXEL	
<b>HAND RIMS</b>	STD ALUMINIUM	STAINLESS STEEL	SOFT GRIP		
<b>POS OF HAND RIMS</b>	STANDARD	NARROW			

**TABLE 3. SETTINGS THAT CAN BE DETERMINED / ARE DETERMINED BY THE PRESCRIBER DURING THE SETUP OF THE WHEELCHAIR**

<b>SEAT TILT</b>	ACTIVATION OF FORWARD TILT MAX -5°			
<b>SEAT</b>	DEPTH, 7 POS.			
<b>BACKREST</b>	HEIGHT, BACKREST SYSTEM	HEIGHT, BRACKET FOR BACKREST SYSTEM		
<b>BACKREST SHAPE, 7-8 STRAPS</b>	INDIVIDUALLY ADJUSTABLE FOR EACH USER			
<b>BRAKE, TILT LOCK</b>	INDIVIDUALLY ADJUSTABLE DEPENDING ON USER WEIGHT			
<b>ARMREST STD</b>	HEIGHT	DEPTH		
<b>ARMREST HEMIPLEGIA</b>	HEIGHT	DEPTH	WIDTH	ROTATION
<b>LEG REST ADJUSTABLE ANGLE</b>	ANGLE			
<b>LEG REST AMPUTEE</b>	HEIGHT	DEPTH	WIDTH	ANGLE
<b>CALF SUPPORT</b>	HEIGHT	DEPTH	WIDTH	ANGLE
<b>FOOTREST</b>	HEIGHT	DEPTH	ANGLE	
<b>PUSH BAR</b>	HEIGHT	ANGLE (ONLY THE ANGLE ADJ. MODEL)		
<b>SEE THE RELEVANT INFO SHEET FOR EACH ACCESSORY FOR MORE INFORMATION ABOUT THE DIFFERENT SETTINGS AVAILABLE</b>				

## 8. PROBLEM SOLVER

The problem solver can be used to assist prescribers in providing the user with the best possible sitting position or to satisfy the requirements that exist. It can also be used to help solve problems that may arise on account of the user's patterns of movement or the nature of the surroundings.

The problem solver only provides suggested solutions. It is always the responsibility of the prescriber to carry out an assessment of the user's situation and to decide which measures are appropriate in each individual case.

The table is divided into four sections:

THE USER'S BODY
SITTING PROBLEMS THAT CAN ARISE
USER REQUIREMENTS / USE OF THE WHEELCHAIR
THE CAREGIVER'S REQUIREMENTS

<b>USER IS TALL</b>	<ul style="list-style-type: none"> <li>• EXTENDED SEAT DEPTH</li> <li>• EXTENDED HEIGHT, BACKREST SYSTEM</li> <li>• LONG LEG REST LENGTH</li> <li>• INCREASED SEAT HEIGHT</li> </ul>
<b>USER IS SHORT</b>	<ul style="list-style-type: none"> <li>• SHORT LEG REST/FOOTREST LENGTH</li> <li>• REDUCED SEAT DEPTH (BACK DISTANCES)</li> <li>• LOWERED SEAT HEIGHT (E.G. UPRIGHT TRANSFER)</li> </ul>
<b>USER HAS NARROW HIPS AND BROAD SHOULDERS</b>	<ul style="list-style-type: none"> <li>• EXTRA SIDE PADDINGS</li> <li>• SIDE SUPPORT SPACERS</li> <li>• WIDE BACKREST SYSTEM, +4 OR +8 CM</li> </ul>
<b>USER HAS BROAD HIPS AND NARROW SHOULDERS</b>	<ul style="list-style-type: none"> <li>• NARROW BACKREST SYSTEM, -4 CM</li> </ul>
<b>USER'S CENTRE OF GRAVITY IS LOCATED A LONG WAY FORWARD, E.G. ABDOMINAL OBESITY</b>	<ul style="list-style-type: none"> <li>• MORE SCOOPED OUT FLEXI BACK</li> <li>• BACK MOUNTED SEAT UNIT</li> <li>• RESTRICTED TILT FORWARD</li> </ul>
<b>USER'S CENTRE OF GRAVITY IS LOCATED A LONG WAY BACK, E.G. LEG AMPUTATION</b>	<ul style="list-style-type: none"> <li>• REAR POSITIONED DRIVE WHEELS</li> <li>• FORWARD MOUNTED SEAT UNIT</li> <li>• LIMIT THE ANGLE OF SEAT TILT BACKWARD</li> <li>• ANTI-TIP PROTECTIONS FULLY EXTENDED</li> </ul>
<b>USER HAS A LARGE BACKSIDE</b>	<ul style="list-style-type: none"> <li>• SELECT THE FLEXI BACKREST SYSTEM INSTEAD OF A FLAT BACKREST</li> <li>• LOOSEN THE FLEXI BACKREST STRAPS TO MAKE SPACE FOR THE USER'S BACKSIDE</li> <li>• RAISE THE BACK SYSTEM TO MAKE SPACE FOR THE RUMP</li> </ul>
<b>USER HAS AN ENLARGED THORACIC CAVITY</b>	<ul style="list-style-type: none"> <li>• LOOSEN THE FLEXI BACKREST STRAPS TO MAKE SPACE FOR THE USER'S THORACIC CAVITY</li> <li>• POSSIBLY USE A SOMEWHAT OPEN BACKREST ANGLE TO ELEVATE THE USER'S LINE OF VISION</li> <li>• SUPPORTING TRAY TABLE</li> </ul>
<b>USER SLIDES FORWARD ON THE SEAT</b>	<ul style="list-style-type: none"> <li>• CORRECT SEAT DEPTH, BACKREST HEIGHT, ARMREST HEIGHT AND LEG REST POSITION</li> <li>• CORRECT SEAT TILT AND BACKREST ANGLE</li> <li>• POSSIBLY REDUCE THE ANGLE OF THE LEG RESTS</li> <li>• POSSIBLY TILT THE USER'S PELVIS FORWARD WITH THE HELP OF THE FLEXI BACKREST STRAPS</li> <li>• 2-POINT OR 4-POINT POSITIONING BELT</li> </ul>
<b>USER LEANS TO THE SIDE</b>	<ul style="list-style-type: none"> <li>• LOOSEN THE FLEXI BACKREST STRAPS TO GIVE SUPPORT FROM THE SIDE</li> <li>• FLEXI BACKREST CUSHION WITH SIDE SUPPORT WINGS</li> <li>• THORACIC SUPPORT, STANDARD OR ADJUSTABLE</li> <li>• SHOULDER SUPPORT</li> <li>• HEMIPLEGIA ARMREST</li> <li>• 2-POINT OR 4-POINT POSITIONING BELT</li> <li>• TABLE TRAY OR SUPPORTING TABLE</li> <li>• COAMING FOR ARMREST</li> </ul>

<b>USER'S ARM FALLS OUTSIDE THE ARMRESTS</b>	<ul style="list-style-type: none"> <li>• COAMING FOR ARMREST</li> <li>• SHOULDER SUPPORT</li> <li>• WIDE ARMREST</li> </ul>
<b>USER'S HEAD HANGS FORWARD</b>	<ul style="list-style-type: none"> <li>• CHOOSE SUITABLE FLEXI BACKREST SETTINGS DEPENDING ON THE REASON</li> <li>• CHEST HARNESS + POSITIONING BELT</li> <li>• TABLE TRAY OR SUPPORTING TABLE</li> <li>• EXTENDED HEADREST TUBE</li> </ul>
<b>USER PRESSES KNEES AGAINST THE LEG REST KNEE JOINTS</b>	<ul style="list-style-type: none"> <li>• WEDGE-SHAPED SIDE SUPPORTS</li> </ul>
<b>USER'S LEGS GET STUCK/END UP BETWEEN THE CALF SUPPORTS</b>	<ul style="list-style-type: none"> <li>• LATERAL ADJUSTMENT OF SEPARATE CALF SUPPORTS</li> <li>• ONE-PIECE CALF SUPPORT</li> <li>• FOOT BOX</li> <li>• CALF PANEL</li> <li>• CALF STRAP</li> </ul>
<b>USER'S LEGS GET STUCK/END UP BETWEEN THE FOOTRESTS</b>	<ul style="list-style-type: none"> <li>• ONE-PIECE FOOTREST</li> <li>• FOOT BOX</li> </ul>
<b>USER'S LEGS GET STUCK / COME OUTSIDE THE LEG REST TO THE SIDE</b>	<ul style="list-style-type: none"> <li>• FOOT BOX</li> <li>• FOOT REST SIDE</li> </ul>
<b>USER MOVES THE WHEELCHAIR INDEPENDENTLY</b>	<ul style="list-style-type: none"> <li>• SIDE SUPPORT WITH POST (WIHTOUT ARMREST PAD)</li> <li>• LOWER THE SEAT UNIT</li> <li>• POSSIBLY A SOMEWHAT SHORTER SEAT DEPTH</li> </ul>
<b>USER MAKES UPRIGHT TRANSFERS</b>	<ul style="list-style-type: none"> <li>• UNLOCK FORWARD SEAT TILT (-5°)</li> <li>• CORRECT HEIGHT FOR THE SEAT UNIT</li> <li>• ARM REST PADS IN A FORWARD POSITION (SUPPORT FOR PUSHING OUT)</li> </ul>
<b>USER REQUIRES A MORE RECLINED POSITION IN THE WHEELCHAIR</b>	<ul style="list-style-type: none"> <li>• EXTENDED SEAT TILT 30°</li> <li>• INCREASED BACK RECLINE 135°</li> </ul>
<b>USER CANNOT OR SHOULD NOT CHANGE THE POSITION OF HIS/HER HIPS</b>	<ul style="list-style-type: none"> <li>• FIXED ANGLE BACKREST</li> <li>• DEACTIVATE THE BACKREST RECLINE CONTROL</li> </ul>
<b>USER REQUIRES GENTLE ADJUSTMENT OF THE BACKREST</b>	<ul style="list-style-type: none"> <li>• SELECT A FLAT BACKREST ON WHICH TO BUILD THE GENTLE ADJUSTMENT (SPECIAL ADAPTATION)</li> </ul>
<b>WHEELCHAIR IS TOO WIDE FOR E.G. DOOR OPENINGS</b>	<ul style="list-style-type: none"> <li>• NARROW POSITIONED HAND RIMS IN COMBINATION WITH SHORT CASTOR PINS</li> </ul>
<b>USER HAS A BEHAVIOUR THAT PLACES MORE STRAIN ON THE WHEELCHAIR</b>	<ul style="list-style-type: none"> <li>• REINFORCED FRAME</li> <li>• SHOCK ABSORBING BACK</li> <li>• FIXED ANGLE LEG RESTS</li> <li>• ONE PIECE CALF SUPPORT</li> <li>• ONE PIECE FOOTREST</li> <li>• FOOT BOX</li> <li>• PUSH BAR INSTEAD OF SEPARATE HANDLES</li> </ul>
<b>WHEELCHAIR IS USED IN A TOUGH ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• REINFORCED FRAME</li> <li>• FIXED ANGLE LEG RESTS</li> <li>• ONE PIECE CALF SUPPORT</li> <li>• ONE PIECE FOOTREST</li> <li>• FOOT BOX</li> <li>• PUSH BAR INSTEAD OF SEPARATE HANDLES</li> <li>• FLEXEL REAR WHEELS</li> <li>• STAINLESS STEEL HAND RIMS</li> </ul>
<b>PUSH BAR IS TOO LOW FOR THE CAREGIVER, EVEN WHEN IT IS SET TO THE HIGHEST POSSIBLE POSITION</b>	<ul style="list-style-type: none"> <li>• SIDE UNIT, EXTENDED HEIGHT</li> <li>• ADJUSTABLE ANGLE PUSH BAR</li> </ul>
<b>PUSH BAR IS TOO LOW BECAUSE THE WHEELCHAIR IS OPERATED IN A RECLINED POSITION</b>	<ul style="list-style-type: none"> <li>• PUSH BAR, ELEVATED &amp; BOWED</li> <li>• ADJUSTABLE ANGLE PUSH BAR</li> </ul>
<b>CAREGIVER BANGS HIS/HER TOES ON THE POWER PACK THAT HAS BEEN MOUNTED UNDER THE WHEELCHAIR</b>	<ul style="list-style-type: none"> <li>• PUSH BAR, EXTENDED DEPTH</li> </ul>
<b>WHEELCHAIR'S PUSH BAR PREVENTS THE USE OF A STAIR CLIMBER</b>	<ul style="list-style-type: none"> <li>• SEPARATE OPERATING HANDLES</li> </ul>

## FURTHER READING

### User Manual HD Balance 95701-1



### Measures 95719-1

Measure	Measure 1	Measure 2	Measure 3	Measure 4	Measure 5
Maximum weight	100 kg	100 kg	100 kg	100 kg	100 kg
Maximum height	190 cm	190 cm	190 cm	190 cm	190 cm
Maximum width	65 cm	65 cm	65 cm	65 cm	65 cm
Maximum depth	65 cm	65 cm	65 cm	65 cm	65 cm
Maximum length	100 cm	100 cm	100 cm	100 cm	100 cm
Maximum weight	100 kg	100 kg	100 kg	100 kg	100 kg
Maximum height	190 cm	190 cm	190 cm	190 cm	190 cm
Maximum width	65 cm	65 cm	65 cm	65 cm	65 cm
Maximum depth	65 cm	65 cm	65 cm	65 cm	65 cm
Maximum length	100 cm	100 cm	100 cm	100 cm	100 cm

### Info Sheets 95930 -



### Prescription Form 95750-1

Measure	Measure 1	Measure 2	Measure 3	Measure 4	Measure 5
Maximum weight	100 kg	100 kg	100 kg	100 kg	100 kg
Maximum height	190 cm	190 cm	190 cm	190 cm	190 cm
Maximum width	65 cm	65 cm	65 cm	65 cm	65 cm
Maximum depth	65 cm	65 cm	65 cm	65 cm	65 cm
Maximum length	100 cm	100 cm	100 cm	100 cm	100 cm

### Brochure HD Balance



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