

# Backrest Systems for HD Balance

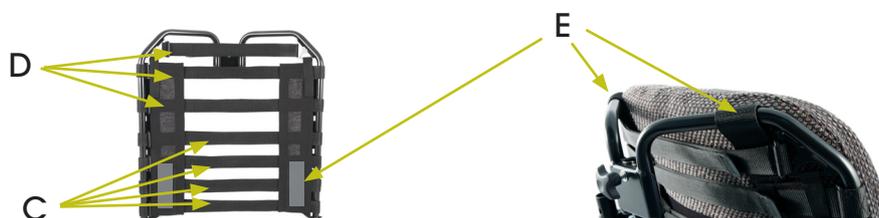
HD Balance is available with two types of backrest system; Flexi (A) and Solid back (B). Both are available in two heights, standard and long (+10 cm). Both the Flexi back system and the Solid back can be complemented with either a Standard back cushion or a Flat back cushion.



## Flexi back

The Flexi back system, which is standard, gives a comfortable and adjustable support for most backs. It is suited to backs without deformities as well as those with, for example, thoracic kyphosis or scoliosis. The straps of the Flexi back are easily adjusted to push a tilted pelvis forward to achieve a more upright sitting position. The back system can also give extra support for users who lean to one side or who need extra room for the buttocks.

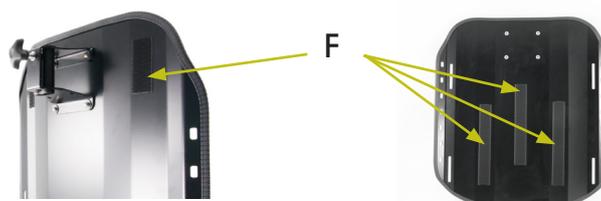
The Flexi back system consists of a Flexi-frame with seven straps (eight for the long version). The four lower straps (C) have a tighter spacing to allow better control of the pelvic position and provide support for the lower back. The three higher straps (D) have a wider spacing to promote ventilation of the back cushion. The back cushion attaches to the back system via velcro strips (E).



## Solid back

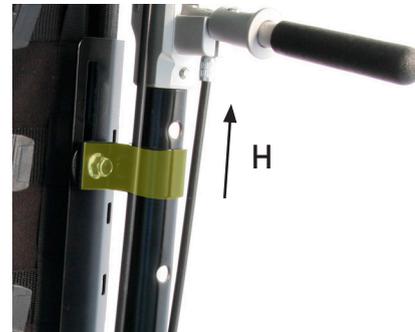
A solid back is available as an alternative to the Flexi back system and is used when the user needs a firmer back support. It can also be used as a base when there is a need to construct a customized back support.

The solid back consists of a back plate of painted aluminium. The back cushion attaches to the front and back of the plate via velcro strips (F).



## Settings

The back support height can be adjusted in a 5 cm range in tracks built in to the back system (G). This applies to both Flexi and Solid backs. If there is a need to raise the back further, another 3 cm can be achieved by moving the four back braces up the back frame (H). Note! When the back braces are moved up it is no longer possible to set the push bar to the highest position.



## Back cushions

There are two types of back cushion: Standard (I), with side support wings, and Flat, without wings (J). The side support wings give a firm but soft lateral support to the user. The flat back cushion is suited to more active users with good thoracic stability, or if the wings would interfere with the placement of thoracic supports. Both alternatives are available in standard height and a longer version, to suit the two different heights of the back systems.

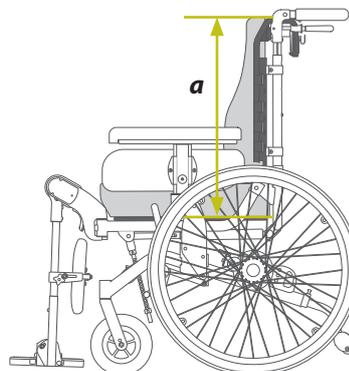


## Back system measurements

Table 1 - Back system measurements [cm]

	a min	a max
Flexi back standard	55	60 / 63*
Flexi back long	65	70 / 73*
Solid back standard	55	60 / 63*
Solid back long	65	70 / 73*

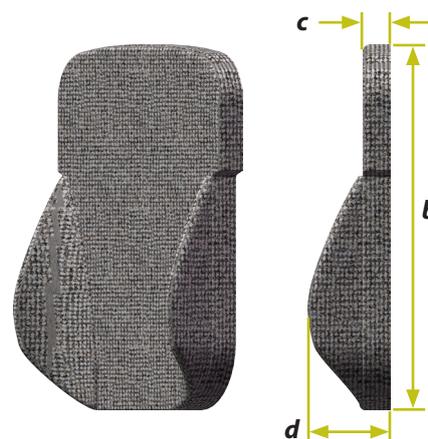
\* With back braces moved up.



## Back cushion measurements

Table 2 - Back cushion measurements [cm]

	Width	Height <i>b</i>	Thickness <i>c</i>	Depth <i>d</i>
Standard	Per seat width	51	4	12
Standard long (+10 cm)	Per seat width	61	4	12
Flat	Per seat width	51	4	-
Flat long (+10 cm)	Per seat width	61	4	-



## Cover fabrics

Back cushions are covered with grey Trevira fabric (K) as standard. They can also be ordered with black Trevira (L) or with black wipe-able Dartex (M). All cover fabrics are removable and can be washed at 60 degrees Celsius. Covers can also be ordered separately.



## Keep in mind

- HD Balance can be equipped with a wider back support for users with wide shoulders and narrow hips. It is also possible to equip the wheelchair with a narrower back support for users who have a smaller upper body and are wider at the hips and buttocks. See Info sheet Wider & Narrower Back Systems, art.nr. 95945-1.
- It is possible to use back spacers with both Flexi- and Solid backs to reduce the seat depth. See User manual Back spacers, art.nr. 95831-1 for more information.

## Article numbers

All article numbers are found in the Prescription Form, art.nr. 95750-1.