

COMFORT WHEELCHAIR

CIRRUS 4

New and improved comfort wheelchair



handicare

Background:



Cirrus (1987)



Cirrus Classic (1993)



Cirrus Jubilee (1999)

- **Cirrus was one of the first comfort wheelchairs to be launched in the Norwegian and European market**
- **The first Cirrus was produced in Lillehammer and supplied in 1987**
- **The product has been continually improved throughout the intervening years**
- **The fourth-generation Cirrus has been launched, and has been named Cirrus 4**
- **Many features have been improved or are entirely new**
- **The classic elements and quality, which have kept the model at the top during this period, still remain**

Result:

New and improved comfort wheelchair

- ✓ Best for comfort
- ✓ Attractive and modern design
- ✓ Easier and quicker to adjust
- ✓ Easier and less expensive to service and re-use
- ✓ Approved for high user-weight and transport in vehicles
- ✓ Unique and useful features
- ✓ Range of accessories to cater for all requirements



New and improved

Handicare is Norway's largest manufacturer of wheelchairs. We have manufactured comfort wheelchairs since 1987 and have acquired a unique level of skills and experience with this type of wheelchair. Good communication with users, caretakers and therapists in the front line, as well as close co-operation with Norway's technical aids centres, has helped us to produce a new and improved comfort wheelchair.

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- 1 Adjustable armrests. Easy to remove for transfer or transport. Can also be used to create different seat widths
- 2 Clothing guards/armrests help to protect the user's clothes from the wheels
- 3 New angle-adjustable legrests which can be swung in or out to make transfer or transport easier
- 4 Angle-adjustable footplate gives maximum support for users with talipes equinus or contractures
- 5 Frame has an exceptionally stable construction. This helps to make the chair very strong, and improves the rolling characteristics
- 6 High-quality back and seat cushions give optimal comfort



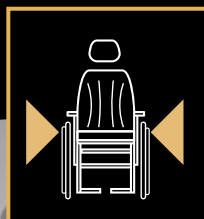
CIRRUS 4

comfort wheelchair

- 7 New ergonomically-correct pushing handle ensures correct working height and optimal working position for helper
- 8 Clearly marked grips and lifting points show how the chair is to be lifted
- 9 Anti-tip stabiliser with integrated tipping bar which is easy to pull up or down adds to increased safety
- 10 Sliding seat gives adjustable seat depth and makes transfer out of and into the chair easier
- 11 Adjustable hand rims give optimal grip
- 12 Release handle for tilt and backrest angle is fitted on the back for easy operation by the helper



Passenger seat in vehicle
Approved ISO 7176-19



Seat width 30 - 57 cm



Seath depth 45 - 60 cm



Approved for user weight
140 kg

Best for comfort



Good comfort is important, because wheelchair users spend many hours in the wheelchair every day. Our seat design gives users better stability and good freedom of movement. Possibility of easy and individual adjustment is a key to optimal seating position. Tilt and backrest adjustment ensures

- **New, comfortable soft material**
- **Seat design gives users better stability and good freedom of movement**
- **Tilt and backrest adjustments ensures comfortable changes in position**
- **Height-adjustable backrest cares for the user's needs for support and stability**
- **Depth-adjustable seat unit**
- **Alternative backrests to give further stability and side support**

comfortable changes in position. Sliding seat gives the chair an almost infinitely adjustable seat depth. In order to enable more demanding adjustments, Cirrus 4 can be supplied with our new backrest system incorporating a velcro strap.

Attractive and modern design



- **Attractive appearance**
- **New colours and choice of materials**

As part of development, we have worked to give the product an attractive appearance. The things we surround ourselves with are an important part of how we are perceived. It is therefore highly important that a wheelchair does not just work well, but also appeals to different user groups of all ages.

Easier and quicker to adjust



- **Important adjustments, such as those for legrests, calf support, seat depth and armrest, can be made without the use of tools**
- **Other adjustments can be carried out with minimal use of tools**
- **Wide range of standardised accessories available**
- **Important adjustments can be made easily with the user in the chair**

Cirrus 4 is based on simplicity. It is very easy to adjust the wheelchair. Legrest, calf support, seat depth and armrest height are adjustable with the user in the chair, without the use of tools. All other adjustments can be carried out with minimal use of tools. The wide range of available accessories helps make everyday life easier for the user.

Easier and less expensive to service and re-use



- **Easier to adjust**
- **Minimal use of tools**
- **Clear product marking**
- **Easy and inexpensive to change back, seat and neck cushions**

During development, the focus has been on servicing costs and re-use. The result of this is that Cirrus 4 is very easy to adjust. Most adjustments can be made without the use of tools. The rest can be carried out with one tool; the screw is loosened, the adjustment made, and the screw re-tightened. This means that you always have one hand free. Parts exposed to heavy wear, such as the seat and back cushions, can be swapped easily. A professional training and documentation programme has been made. This ensures high-quality expertise for all who will be handling the chair.

Approved for high user-weight and transport in vehicles



- **Approved for user weight of 140 kg**
- **Approved for transport with user in a vehicle**
- **Can be supplied in a specially adapted model for up to 200 kg user weight**
- **Collapsible backrest**
- **Detachable armrest, pushing handle, legrests and driving wheels**

Cirrus 4 is approved for transport of users in vehicles. The fixing point for strapping in vehicles is clearly marked. It is easy to fold the backrest down when transporting the chair. Parts such as the armrests, pushing handle, legrests and driving wheels can be detached, so that the wheelchair can be accommodated in a vehicle. The standard model of Cirrus 4 is approved for user weight of up to 140 kg. In case this is insufficient, a special model for user weight of up to 200 kg can be supplied.

Unique and useful features



Sitting comfort, along with safe and comfortable transfer, are very important usability values for users of comfort wheelchairs. The sliding seat, plus the removable legrests and armrests, make transfers easy, comfortable and safe for both the user and assistant. The new angle-adjustable legrests are length-compensating, which always gives the

- **Sliding seat makes transfers easier**
- **New angle-adjustable legrests are easy to swing out or in and are removable**
- **Angle-adjustable legrest, with correct articulation point in relation to the knee**
- **Armrests which follow the backrest when it is tilted backwards**
- **Simultaneously working brakes**
- **New and more ergonomic pushing handle**

ergonomically correct leg position. In order to ensure comfortable and safe support of the arm, the armrest follows the backrest when its angle is changed. The brakes work on both sides when either one of the brake levers is used. The newly developed pushing handle gives the assistant a more comfortable and ergonomic grip, as well as giving the chair a more attractive appearance.

Important new features



New angle-adjustable legrests

The new legrest fixing on Cirrus 4 means that any of Handicare's legrests can be used, both fixed and angle-adjustable types. As standard, the wheelchair is supplied with a newly developed angle-adjustable legrest. These can be swung in or out, which makes transfer and access easier in confined situations. The legrest can be removed easily to make transfer or transport easier. The new angle-adjustable legrests are of course length-compensating, which ensures that the leg position is always ergonomically correct. Adjustments to the footplate length and calf cushion can be made very easily, entirely without the use of tools. The angle-adjustable footplate gives maximum support for users with talipes equinus or contractures.



New colours and choice of materials

Much importance has been placed on giving the chair a more attractive and modern appearance. In addition to the new colours, the material used on seat, backrest and neck cushion have been changed. This material is of high quality and is flame-retardant. Alternatively, the seat and backrest can be supplied with cushions upholstered in vinyl.



Assistant brake and various driving wheel sizes

It is often desirable to have the assistant-operated brake fitted on the pushing handle. This gives more control for those who are walking behind and pushing the chair. This is either to stop the chair running away when going downhill or to use the brake when turning the wheelchair. Cirrus 4 can be supplied with assistant-operated brake in wheel sizes 12", 16", 20", 22" and 24".



New ergonomically-shaped pushing handle

The newly developed pushing handle gives the assistant a comfortable pushing position, and it also gives the chair a more attractive appearance. It is very easy to adjust the height, so it can be adjusted for assistants of various heights.



Alternative backrest solution

Cirrus 4 can be supplied with a number of different backrest solution.

- Back cushion with larger side supports and adaption for kyphosis
- Velcro backrest with foam cushion. The Velcro backrest makes further individual adjustments possible.

Range of accessories

A wide range of accessories has been developed for Handicare's product family. This means that we can cover all wishes and needs. The accessories are quick and easy to fit, with illustrated fitting instructions.



DRIVING WHEEL
Driving wheel in a variety of sizes and coverings. Solid, high-pressure and pneumatic tyres.



FRONT CASTOR WHEEL
Fork with 7" wheel



WHEEL WITH FRICTION DRIVE RING
Helps to give better grip for users with reduced hand function.



ASSISTANT BRAKE
The assistant brake can be very helpful outdoors on hills or in other situations. Parking brake is included.



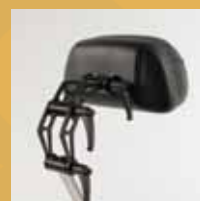
FRICTION COVER FOR DRIVE RING
Strong friction covering goes easily over drive rings.



TRANSPORT WHEEL
12" and 16" transport wheel, with assistant brake.



STANDARD HEAD AND NECK SUPPORT
Head and neck support with small cushion and depth adjustment.



HEAD AND NECK SUPPORT FIXING
Head and neck support with extra depth adjustment.



LARGE HEAD AND NECK SUPPORT
Head and neck support with large cushion.



HEAD AND NECK SUPPORT FIXING
Head and neck support with extra sideway adjustment.



HEAD AND NECK SUPPORT WITH EXTRA SIDE SUPPORT
Head and neck support with large cushion with extra side support



SIDE SUPPORT
Side support for increased stability. Large or small.



ANGLE-ADJUSTABLE LEGREST
Length-compensating ergonomic legrest.



COMPLETE CALF SUPPORT WITH EXTRA ABDUCTION
Padded calf support for fitting on legrests.



ANGLE-ADJUSTABLE LEGREST, EASY
Stable and solid legrest with easy angle adjustment contributes to maximum support.



COMPLETE FOOTPLATE
Padded complete footplate.



SLIDING TUBING FOR FOOTPLATES
Sliding tubing to enable legrest length adjustment beyond the standard adjustment.



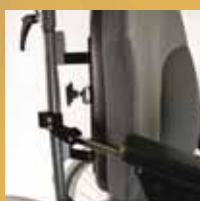
AMPUTATION SUPPORT
Amputation support with wide range of adjustment.



COMPLETE CALF SUPPORT
Padded calf support for fitting on legrests. Narrow or wide.



AMPUTATION SUPPORT
Amputation support with wide range of adjustment and fixed angle.



ADAPTER FOR BACKREST
Adapter for backrest to reduce seat depth.



VELCRO BACKREST
Backrest with optimal individual adjustment.



BACK CUSHION
Back cushion for kyphosis, with extra side support.



INCONTINENCE COVER
Incontinence cover for seat cushion.



ABDUCTION BLOCK
Small or large abduction block.



HIP BELTS
A range of hip belts supplied with own fastenings.



TABLE AND PADDING FOR TABLE
Transparent table in strong Lexan material with comfortable padding.

WHEELS
• Spoke protectors

- MISCELLANEOUS**
- Pump, electric
 - Pump, manual
 - Rucksack and satchel
 - Crutch holder



ELEVATED SEAT
Increased seat height through elevation of the drive wheel fixing and front wheel fixing.



Technical specifications:

	Narrow model	Wide model	Ex. wide model	Cirrus Kid
Seat width	30 - 43	37- 50	44 - 57	30 - 43
Seat height	53 (46-53)	53 (46-53)	53 (46-53)	37 - 39,5
Seat depth	45 - 60	45 - 60	45 - 60	32 - 43
Backrest height	63 - 67	63 - 67	60 - 64	53 - 57
Backrest angle	75° / 135°	75° / 135°	75° / 135°	70° / 132°
Seat angle	-5° / 18°	-5° / 18°	-5° / 18°	-5° / 15°
Total height	103	105	105	90 - 97
Total width	Seat width + 20 cm	Seat width + 20 cm	Seat width + 20 cm	Seat width + 20 cm
Total length	114	114	114	100
Weight of chair	32,4 kg	33,6 kg	35,5 kg	26
Transport width	58	65	72	58
Transport height	67	67	67	62
Max. user weight	140	140	140	50



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