

Netti®
BY ALU REHAB

FEEL THE
COMFORT AND
FREEDOM



THE WIDEST RANGE JUST TO MAKE SURE IT FITS YOU

joy of life

True comfort and joy of life is available to a wheelchair user only if the chair can truly meet their individual needs. One size fits all does not apply here. The idea behind the Netti wheelchairs was to bring individual wheelchair users the opportunity to live life to the full, spending more time with family and friends, and staying up longer.



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NETTI SEATING SOLUTION SIMPLY MORE COMFORTABLE

User comfort comes from careful design to ensure an optimum interaction between the wheelchair, the cushions and the different accessories. The thoroughly thought out design creates synergies so that the separate solutions support each other and secures a comfortable sitting position in accordance with the 7 principles of seating comfort.

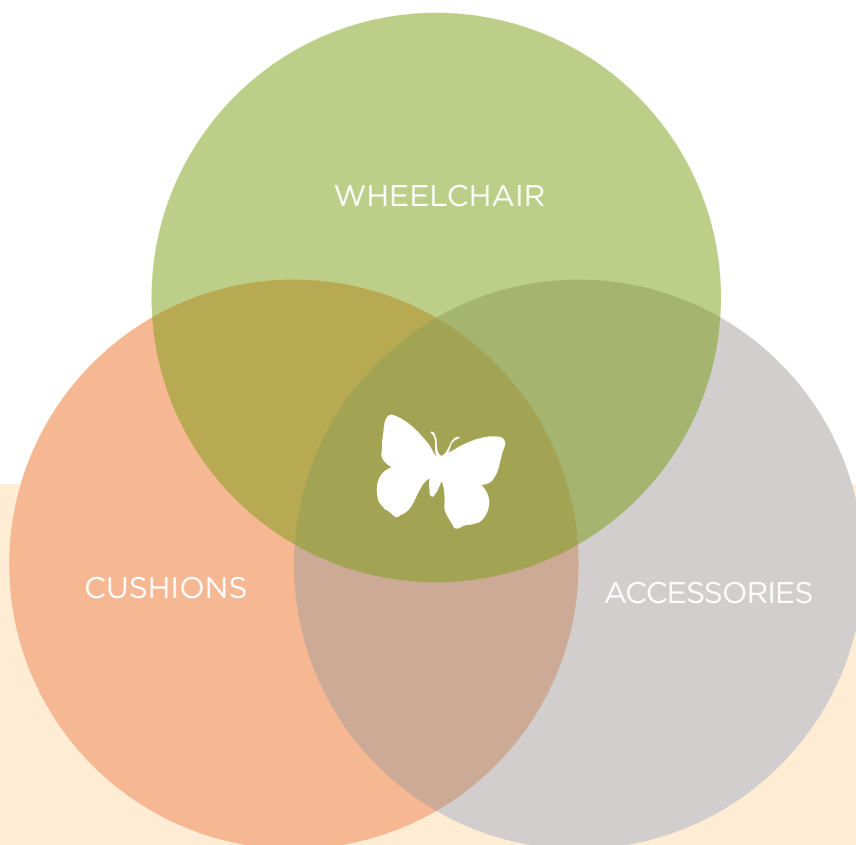
That's what makes the Netti wheelchairs special.



DESIGNED IN NORWAY FOR ULTIMATE COMFORT

Our range of ergonomic comfort chairs is the most comprehensive available. Netti wheelchairs epitomise advanced Norwegian technology with a rigid frame, high quality cushions and advanced fabrics. This is what gives them their outstandingly high performance. Naturally, all our components are manufactured to exacting Norwegian quality standards, they meet all applicable European norms and ISO 9000 and 13485.





THOUSANDS OF COMBINATIONS ALL DESIGNED TO FIT YOU

FOR EXAMPLE PELVIC STABILITY
IS ASSURED BY A NUMBER OF
ADVANCED DESIGN FEATURES
THAT WORK TOGETHER:

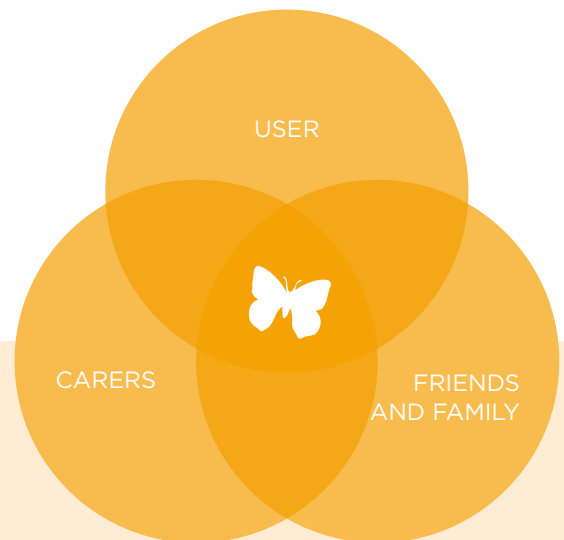
- The design of the seating cushion
- The shape of the seating plate beneath the cushion
- The pivot points for the leg supports and the back rest
- The shape of the back cushion
- The individually selected accessories, such as comfort pads, abduction block or thigh supports

It's this attention to detail that makes a Netti chair feel different. It's what makes the Netti seating experience unique.



MORE TIME TO SHARE MOMENTS OF TENDERNESS AND HAPPINESS

Netti wheelchairs provide a much larger range of options and adjustments than their competitors. This means they can be specified to ensure optimal comfort, posture, and pressure distribution for the individual. A user can sit in the best position while eating and they are enabled to socialise more and enjoy life.



The many combinations ensure that Netti wheelchairs can be adapted to the users' needs and offer optimal sitting comfort. The secret lies primarily in the endless combinations made possible and the interaction between the ergonomic design of the rigid frame and the unique seating system. These elements guarantee:

- A comfortable and supportive seating for longer periods.
- Prevention from sliding forward in the chair and end up in an uncomfortable position.
- Ease activities, interaction, breathing, eating and easy transfer.

+ VARIATION OF POSTURE

Back, seat and leg rests are easily adjustable so the user can change position. The result is optimal pressure distribution, prevention of pressure sores and sitting for long periods without problems.

+ ERGONOMIC DESIGN - FITS THE BODY IN ALL POSITIONS

Hinge points at back and knee are adapted to the body to allow the user to move as naturally as possible. Prevents pain and injury over time.

+ SEATING SOLUTION PROVIDES STABILITY AND COMFORT

Netti's unique cushions have excellent pressure distributing features and possibility for extra focus on micro climate with temperature stabilizing properties that ensure dry, strong skin. Together with the rigid frame this all allows users to sit in the chair for long periods.

+ PRESSURE DISTRIBUTION GIVES RELIEF

High quality cushions with extensive pressure distribution. Supported by the design of the frame.

+ EASY TO USE

Applies to the adjustments for all of the properties: Cushions, footsupport, etc. Visual and functional Norwegian design is self explaining for the attendants and the user. The user has better possibilities for variation. Easy to transfer.

+ EXTRA ADVANTAGES

- 5 year guarantee on frame
- Easy to transport
- Own production
- Customized, individual solutions



OPTIMUM SEATING COMFORT

Optimum seating comfort can be achieved by applying the 7 Netti principles. These seven principles are essential elements for a good sitting position. If just one of these principles is ignored, potential problems are created for the user.

THE 7 NETTI PRINCIPLES OF SEATING COMFORT



1) STABILITY FOR THE PELVIS



5) SUPPORT OF THE FEET



2) PRESSURE DISTRIBUTION
AND MICROCLIMATE



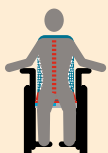
6) SUPPORT OF THE ARMS



3) LUMBAR SUPPORT



7) VARIATION AND
HEAD CONTROL



4) SIDE SUPPORT

[> Read more on My-Netti.com](https://my-netti.com)





Netti[®]
BY ALU REHAB

IT'S THE MOMENTS OF JOY THAT MAKE THE DIFFERENCE

The Netti wheelchair has a state of the art design that ensures stability, variation, relief and optimal pressure distribution. As a result, Netti wheelchair users can sit in relaxed and comfortable positions for longer. Their lifestyle is enhanced and they can take their time when socialising, eating and drinking. This promotes healthy nutrition and digestion as well as a general sense of well being.

A WHEELCHAIR JUST FOR YOU BRINGING JOY OF LIFE

*What can we
do for you?*

With the Netti product lines, we have the best selection of comfort wheelchairs in the market. The chairs and cushions are all designed for users with high demands.

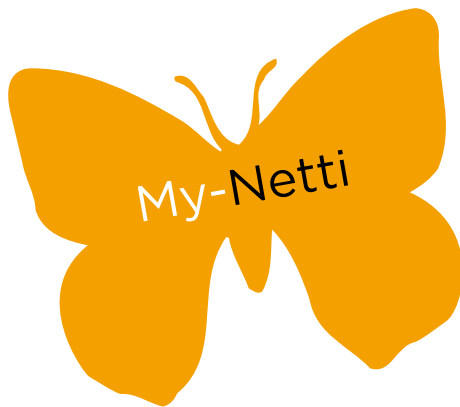
As comfort wheelchair specialist we are here to help you. Do not hesitate to contact us, if you have any questions.



DETLEF SCHÄFER-NORZEL, CHRISTINA DYLMER AND HANS-ØYVIND SAGEN



Designed in Norway



Regardless of your physical challenges, there is a Netti wheelchair for you that guarantees ultimate comfort. We call it: My Netti!

> Read more on My-Netti.com



Netti III FAMILY COMFORT

HIGHEST ADAPTABILITY FOR INDIVIDUAL COMFORT

Netti III is the most adaptable and adjustable choice for achieving maximum comfort.
See page 14



Netti MOBILE FAMILY COMFORT

THE COMFORTABLE POWER WHEELCHAIR

Finally, a power wheelchair offering excellent seating and posture possibilities.
See page 28



Netti I FAMILY COMFORT

LOW SEAT HIGH FOR FOOT PROPULSION

Easy adjustment of sitting position. A good solution for stroke patients.
See page 24



Netti 4U FAMILY COMFORT

VARIETY OF ADJUSTMENT POSSIBILITIES

The range of the Netti 4U series starts with entry models up to medium advanced comfort wheelchairs.
See page 32



Netti MINI FAMILY COMFORT

MAXIMUM COMFORT FOR SMALL USERS

High quality of comfort. Ideal for children with decreased muscle strength and stability.
See page 26



Netti CUSTOMIZED COMFORT

CUSTOMIZED SOLUTIONS TO MEET YOUR NEED



For users with special need, our technicians are keen to find a customized solution.
See page 44

CHOOSE THE RIGHT WHEELCHAIR

It's important to choose the wheelchair that meets the individual user's needs. With the right wheelchair you got the best possible opportunity to give each user a posture that will secure a good comfort – also after many hours of sitting. You can also see examples of configured wheelchairs to specific users group on page 93.

DISEASES AND DISORDERS

	Netti I	Netti III	Netti III EL	Netti III HD	Netti III XHD
Reduced mobility/ geriatric weakness		+	+		
Cognitive impairment after brain damage		+	+		+
Demential impairment		+			
Hemiplegical impairment	+	+	+	+	
Multiple sclerosis	+	+	+	+	+
ALS		+	+	+	+
Chorea Huntington		+	+	+	+
Corpulent user	+		+	+	+
Cerebral palsy			+	+	+
Moulded seat required		+	+	+	+
Increased spastical patterns			+	+	+
Tetraplegia		+	+	+	+
Paraplegia	+	+	+	+	
Adolescence user	+	+	+	+	
Need for carrying medical devices			+	+	+
Very tall user			+	+	+
Very small user	+				
	See page 24	See page 16	See page 18	See page 20	See page 22

 Highly recommendable
 Recommendable

On our order forms you can see all the available options for each wheelchair - a usefull tool in your daily work.

Netti Mini	Netti Mobile	Netti 4U CE	Netti 4U CE PLUS	Netti 4U CED	Netti 4U CED XL	Netti Base
	+	+	+	+	+	
+				+	+	+
		+	+	+	+	
	+		+	+	+	
	+		+	+	+	
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+				+		+

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NETTI III FAMILY HIGHEST ADAPTABILITY FOR INDIVIDUAL SOLUTIONS

- ✓ Multifunctional chair
- ✓ Lightweight and easy to manoeuvre comfort wheelchair
- ✓ Wide range of accessories with countless solutions

Netti® III COMFORT

- Seat width 35-50 cm
- Max. load 145 kg



Netti® III EL COMFORT

- Seat width 35-60 cm
- Max. load 145 kg.
160 kg (55 and 60 cm)
- Electrical controls for user or companion to adjust foot supports, back and tilt angles.



Netti® III HD COMFORT

- Seat width 35-60 cm
- Max. Load 160 kg
- Extra-long Sitztiefe available
- up to 57,5 cm



Netti® III XHD COMFORT

- Seat width 50-75 cm
- Max. load 200 kg
- Standard delivery with Netti Stabil Back cushions for increased side support and Netti Sit seat cushion





Designed in Norway



UNIQUE INDIVIDUALISATION

- ✓ LARGEST SELECTION OF ACCESSORIES
- ✓ WIDEST RANGE OF ADJUSTMENT OPTIONS



SLIDING SEAT PLATE

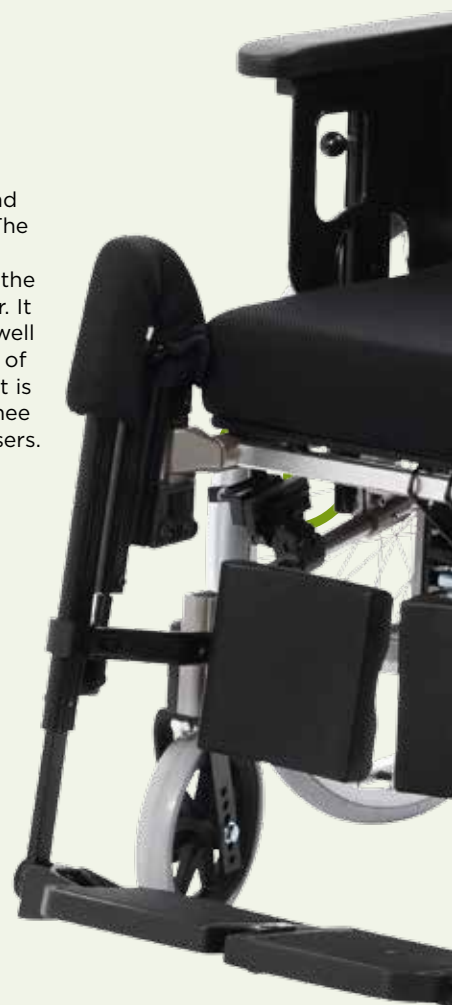
Aid for easier transfer and positioning of the user. The seat plate can be pulled out and pushed in while the user is sitting in the chair. It ensures that the user is well positioned into the back of the chair. The sliding seat is suited for people with knee contraction or for lift users.

SPECIAL ADAPTATION

The flexible design of the Netti III allows for complicated special adaptations. The Netti III is often used as a base for the special adaptation for users with extraordinary needs.

PERSONALIZED

The Netti III offers the biggest choice of standard equipment on the market. Thanks to its flexible design it can be configured so that it adapts to the specific needs of the user.





SITTING VARIATION










Allows various Sitting positions. Important for long time seating

ERGONOMIC DESIGN

Ergonomic pivot point ensures that the user does not slide forward when the backrest is reclined



- + Velcro back gives good support for the upper body
- + Netti Cushions support the construction of the wheelchair and are especially designed for users who spend many hours in the chair and are in need of good stability and pressure distribution.
- + Ergonomic design of leg support and backrest pivot points ensures natural movement of the body. You can sit longer time without getting pain or uncomfortable.
- + Low weight

 Seat width 35-50 cm	 Seat depth 40-50 cm
 Back height 50 cm (60 cm)	 Seat height 46-49 cm (43,5-50 cm) excl. cushions
 Max load 145 kg	 Weight approx 32 kg excl. cushions
 Tilt -9° - +16°	 Back Recline 86°-133°
 Crash tested ISO 7176-19 Max load 136 kg	

THE ELECTRICAL SOLUTION FOR INDEPENDENCE

The Netti III EL is the only manual wheelchair that can be equipped with electric controls for all its functions. The user can adjust the foot supports, backrest and tilt angles and in this way vary the seat position.

Just like the standard model, the wheelchair can be personalized to suit individual needs.





Designed in Norway



USER-OPERATED
ELECTRICAL
FOOT SUPPORTS

USER-OPERATED
ELECTRICAL
TILT

USER-OPERATED
ELECTRICAL BACK-
REST RECLINE


Seat width
35-60 cm


Seat depth
40-50 cm
(52,5-57,5 cm)



Back height
50 cm
(60 cm)


Seat height
46-49 cm
excl. cushions


Max load
145 kg
(160 kg)


Weight
approx 39 kg
excl. cushions


Tilt
-9° - +16°


Back Recline
86°-133°

REINFORCED FOR HEAVY DUTY

HD stands for heavy duty and the wheelchair is approved for 160 kg. The chair is very stable and comes with reinforced traction and front wheels, dual gas cylinders for Tilting. The Netti III XHD is available for bariatric users.



UNIVERSAL DEVICE RACK

An universal devise rack for oxygen equipment etc. is available to fit to the Netti III HD. For more information, see page 72.



WIDE 420X80 MM PADS
FROM SEAT WIDTH 55 CM
AS STANDARD

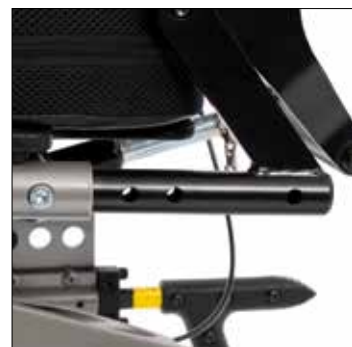
HIGH QUALITY CUSHIONS THAT
MAKES IT COMFORTABLE TO
SIT FOR MANY HOURS



The Netti III HD is also used for special solutions like

- Oxygen equipment
- Demand of larger seat tilt. Up to 45° tilt range
- Long leged users - seat dept up to 57,5 cm
- Users with dystonia - Netti Dynamic System

DETLEF SCHÄFER-NORZEL
PRODUCT MANAGER



SOLID
SEAT
PLATE

REINFORCED WHEELCHAIR FOR MAX. LOAD OF 160 KG

- + Reinforced main wheels to manage heavy duty
- + Reinforced front castors to manage heavy duty
- + Double gas struts on the seat tilt mechanism for additional stability

Seat width
35-60 cm

Seat depth
40-50 cm
(52,5-57,5 cm)

Back height
50 cm
(60 cm)

Seat height
46-49 cm
excl. cushions

Max load
160 kg

Weight
approx 36 kg
excl. cushions

Tilt
-9° - +16°

Back Recline
86°-133°

Crash tested
ISO 7176-19
Max load 136 kg

EXTRA HEAVY DUTY WITH TILT AND RECLINE FOR MAX PRESSURE RELIEF

XHD stands for extra heavy duty and it's approved for up to 200 kg. The wheelchair comes with both tilt and recline as users with higher weight need to change the seating position to experience pressure relief.

MORE HEALTHY

Netti III XHD enables the user to better posture and pressure distribution by offering both recline and tilt.





HEAD SUPPORT STABILIZER

Ideal for users with spastic head movements or for transporting in a car.

ADDITIONAL STABILITY













Netti Stabil back cushion provides the upper body with added stability.









FOOT PLATE

Foot plate with locking bolt from seat width of 65 cm.



REINFORCED WHEELCHAIR FOR MAX. LOAD OF 200 KG

-  Reinforced main wheels to manage heavy duty
-  Reinforced front castors to manage heavy duty
-  Double gas springs on the seat tilt mechanism for additional stability
-  Reinforced backrest hinges
-  Reinforced arm support holders
-  Aluminium skirt guard
-  Reinforced extension pieces
-  Solid reinforced seat plate
-  Solid adjustment pieces
-  Reinforced foot supports
-  Reinforced frame for stability
-  Wide arm rest pads (420*80 mm)

 Seat width 50-75 cm	 Seat depth 40-50 cm (52,5-57,5 cm)
 Back height 50 cm (60 cm)	 Seat height 48,5-51,5 cm excl. cushions
 Max load 200 kg	 Weight approx 36 kg excl. cushions
 Tilt -9° - +16°	 Back Recline 86°-133°

LOW SEAT HEIGHT FOR FOOT PROPULSION

In addition to the low seat height, the Netti I Comfort has a flexible velcro backrest. This allows a good and functional sitting position during foot propulsion ('shuffling'). If the user needs relief and rest, the sitting position can be easily adjusted. The release handle for adjusting the back is located under the armrest and can be operated by the user. It is particularly suitable for stroke patients.

NETTI I IS AVAILABLE IN TWO VERSIONS

Netti I Allround with three fixed backrest angles and
Netti I Comfort with flexible backrest angle.

 **Netti®** | Allround

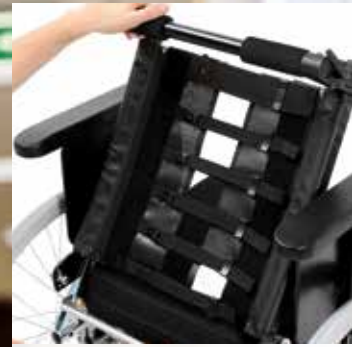


 **Netti®** | Comfort





Designed in Norway












EASY TO FOLD

VARIABLE SITTING POSITION
FOR ACTIVITY AND REST

USER-OPERATED
BACKREST RECLINE

LOW SEAT HEIGHT
DOWN TO 34 CM FOR
EASY PROPULSION

 Seat width 35-60 cm	 Seat depth 40-50 cm
 Back height 50 cm (60 cm)	 Seat height 36,5-44,5cm (34-47 cm) excl. cushions
 Max load 150 kg	 Weight approx 22 kg excl. cushions
 Tilt 0°	 Back Recline Allround 83°, 97°, 107° Comfort 83°-124°
 Crash tested ISO 7176-19 Max load 136 kg	

MAXIMUM COMFORT FOR SMALL USERS

Netti Mini is a chair that offers a quality of comfort that is ideal for children with decreased muscle strength and stability, who need a chair that gives the body a lot of support. The many adjustment possibilities that the chair offers and the numerous accessories assist in preventing malpositions and asymmetry and allows activity.

The Netti Mini can also be used as a car seat during transportation in a car.



SITTING VARIATION

The free adjustment of the seat and back tilt allows you to change the seat position and relieves pressure during activity, rest and transfer.

FLEXIBLE ARM REST

The arm rest is height adjustable and can be removed

COMPANION BRAKES

The Netti Mini comes standard with a drum brake.

EASY-PROPELLED










A camber of 4° improves controllability.





Designed in Norway



 Seat width 25, 30, 35 cm	 Seat depth 32,5-37,5 cm
 Back height 40 cm (50 cm)	 Seat height 42 cm (40-47 cm) excl. cushions
 Max load 90 kg	 Weight approx 25 kg excl. cushions
 Tilt -7° - +23°	 Back Recline 87-120°
 Crash tested ISO 7176-19 Max load 27 kg	

NETTI III POWERS UP SAFE AND RELIABLE



FREEDOM TO BE MOBILE ENHANCES QUALITY OF LIFE

Mobility means having a social life and participating in daily activities. Imagine following a woodland path or visiting a cafe with a few friends.

Even longer distances need not be a barrier. Netti Mobile is certified for use as a driver's seat in a car.

That's what Netti Mobile is all about.



-  Advanced seat and back cushions as standard option
-  Optional motorised functions



Designed in Norway

- + Easy to drive and comfortable to use
- + Rated for indoor and outdoor use
- + The Netti Seating Solution makes it ideal for users who have to sit in a chair for long periods
- + Netti Cushions for comfortable, healthy and stable seating
- + Comprehensive range of basic configurations
- + Wide range of accessories and special adaptations
- + Compact and highly manoeuvrable



Seat width
40, 45, 50 cm



Seat depth
40-50 cm



Back height
50 cm
(60 cm)



Seat height
50 cm
excl. cushions



Max load
140 kg



Weight
94 kg
excl. cushions



Tilt
M: -4°, -8°, -12°
E: -9°-+16°



Back Recline
88°-113°



Max speed
6 km/h
(10 km/h)



Max range:
25 km



Motor:
2x320 Watt



Batteries:
2x50 Ah

Crash tested
ISO 7176-19
Max load 136 kg

IT'S THE FEELING OF FREEDOM THAT MAKES THE DIFFERENCE

Netti Mobile makes daily life easier because while it is manoeuvrable and compact enough to be used indoors it's robust and stable enough to be used outdoors. It can even be used as the driver's seat in a car. Go where you want when you want.

A NETTI MOBILE
JUST FOR YOU



NETTI SEATING SOLUTION

- SIMPLY MORE COMFORTABLE BY DESIGN

User comfort comes from careful design to ensure an optimum interaction between the wheelchair, the cushions and the different accessories. The thoroughly thought out design creates synergies so that the separate solutions support each other and secures a comfortable sitting position in accordance with the 7 principles of seating comfort.

Netti Mobile is designed to be the most comfortable power wheelchair you can get.



- + Proven control system
- + Easy change wheels
- + Excellent traction on wet or steep surfaces
- + One powerful motor for all conditions
- + Mudguards front and back
- + Service friendly, all components easy to exchange
- + Crash tested to be used as a driver's seat in a car
- + Adjustable shock absorbers for comfortable driving
- + Swing away foot plates
- + Swing back arm rests
- + Many options including head support and attendant control
- + Long range on a full charge

NETTI 4U FAMILY

OPTIMAL SOLUTIONS 4U

Netti[®] 4U CED COMFORT

- Velcro strap backrest with height-adjustable back cushion, for optimum support
- Swing back armrests with depth-adjustable armrest pads, allowing the user to get closer to a table
- Angle-adjustable push bar as standard



Netti[®] 4U CE PLUS COMFORT

- Backrest with height-adjustable back cushions
- Seat width 4 cm adjustable
- One hand operational arm support



Netti[®] 4U CE COMFORT

- The economic comfort wheelchair
- Fixed backrest cushion
- Hygienic Easy Care cover on back, seat, head support and knee upholstery



Netti[®] 4U Base COMFORT

- Suitable for moulded seat and other custom made solutions
- Can be used with Netti cushions.





Designed in Norway



- + Very smooth-running comfort wheelchairs
- + Compact - low weight and narrow overall width
- + Easy to use
- + Ergonomic solutions in attractive design

MAKES EVERYDAY LIFE EASIER

COMPACT EASY-TO-USE DESIGN

The Netti 4U CED has probably the narrowest overall width on the market (only 18 cm wider than the seat width). Its total weight is low. This makes the wheelchair suitable for places with limited space and narrow doorways. The light weight and foldable frame of the wheelchair makes it easy to transport. The chair offers excellent ergonomic solutions and is user friendly with its functional red operating handles.



ERGONOMIC PUSH BAR

The ergonomic push bar allows the companion to easily reach the user. The angle can also be adjusted continuously to meet the requirements of the companion.



NETTI DYNAMIC SYSTEM

With Netti Dynamic System, Netti 4U CED becomes the ideal wheelchair for users with extension movements. The wheelchair adapts to the movements of the user and the user will have less discomfort during spasm.

The head support, back and seating unit and leg rests simply accommodate and absorb the extension movements.

Read more at page 74.





FLEXIBLE ARMREST

The armrests can be folded up to facilitate side and sling transfer.

The arm rest pads can be pushed forward/backward into the ideal position, whether you are seated in the chair or at a table, or when standing up from the chair.



FLEXIBLE SEAT DEPTH

The seat depth can be easily adjusted without changing any components. The depth can be adjusted by a full 7,5 cm by merely adjusting the backrest hinges. By adjusting the extenders the seat depth can be increased by another 5 cm.



SENSIBLE DESIGN

Operating points clearly marked in red makes it userfriendly.



Seat width
CEDS: 35-43 cm
CED: 43-60 cm



Seat depth
S: 37,5-50 cm
42,5-55 cm



Back height
50 cm
(60 cm)



Seat height
46,5-50 (44) cm
excl. cushions



Max load
CEDS: 130 kg
CED: 160 kg



Weight
approx 30 kg
excl. cushions



Tilt
-5° - +20°



Back Recline
90°-135°



Crash tested
ISO 7176-19
Max load
CEDS: 130 kg
CED: 136 kg

MORE FLEXIBILITY AND USER FRIENDLINESS

COMPACT EASY-TO-USE PLUS

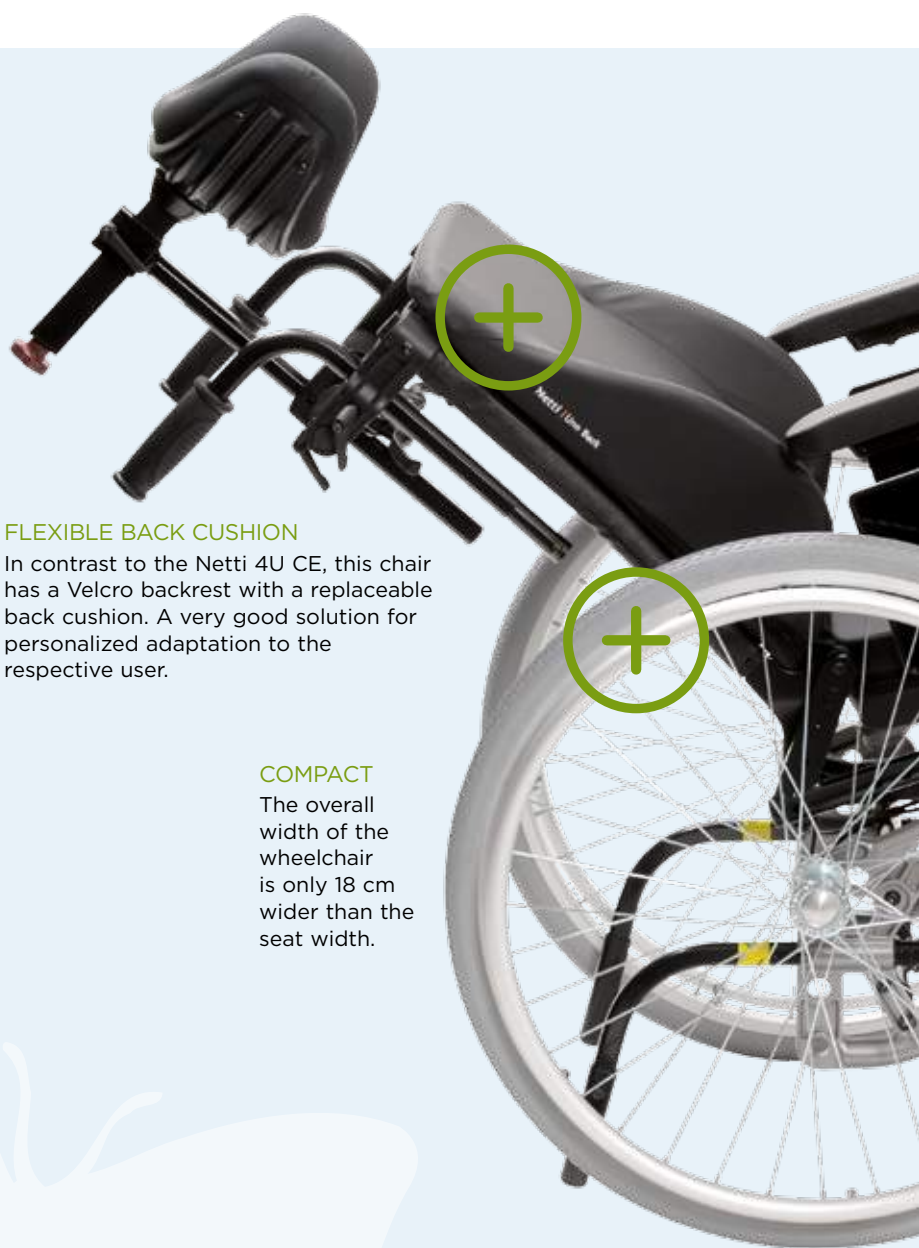
- ✓ Height-adjustable back cushion
- ✓ Velcro back for better support
- ✓ Interchangeable backrest cushion
- ✓ One hand operational armrest
- ✓ +/- 4 cm seat width adjustable

FLEXIBLE BACK CUSHION

In contrast to the Netti 4U CE, this chair has a Velcro backrest with a replaceable back cushion. A very good solution for personalized adaptation to the respective user.

COMPACT

The overall width of the wheelchair is only 18 cm wider than the seat width.





Visit My-Netti.com to see our order form with all the configuration options for individualisation.

JAKOB FRIIS-JENSEN
CUSTOMER SERVICE



"ONE HAND" ARMREST

The redesigned arm rests offers increased stability and a higher degree of user friendliness. Easy mount and dismount with one hand.










- + The Netti 4U CE PLUS is supplied with Easy Care hygienic cover, which is wipeable. This makes the chair well suited for hospitals and private institutions, where the chair has multiple users.

- + Folding brakes eases side and sling transfer.



WIDTH ADJUSTABLE

Flexibility of +/- 4 cm width adjustment

	
Seat width 35-50 cm	Seat depth S:37,5-45 cm 42,5-50 cm
	
Back height 50 cm (60 cm)	Seat height 46,5-50 cm uden puder
	
Max load 135 kg	Weight 27,5-29 kg excl. cushions
	
Tilt -5° - +20°	Back Recline 92°-137°
	
Crash tested ISO 7176-19 Max load 135 kg	

THE SIMPLE SOLUTION

COMPACT EASY-TO-USE

The Netti 4U CE is the economical version of the CE PLUS model with the same weight and same width. Fully equipped the chair weighs only approximately 28 kg. The Netti 4U CE is easy to push and manoeuvre, even in narrow spaces. The Netti 4U CE is easy to operate for user and companion thanks to its logically structured and positioned functions.

BACK CUSHION WITH INTEGRATED LUMBAR SUPPORT

The back support is ergonomically shaped, and built-in side rails support the upper body. With more stability the side rail has a correcting function, which supports the user's body directly.



VARIABLE SITTING POSITION










A backrest angle of 45° and a seat tilt of up to 20° allow for much variation in the sitting position. The seat can be tilted forward by 5° to make transfer easier.



Designed in Norway

- + The overall width of the wheelchair is only 18 cm wider than the seat width.
- + Wipeable Easy Care hygienic cover makes the chair well suited for hospitals and institutions, where the chair has multiple users.
- + In the Netti 4U CE the seat depth can be easily adjusted without changing any components. The depth can be adjusted by a full 7,5 cm by merely adjusting the backrest hinges.



 Seat width 40-50 cm	 Seat depth 42,5-50 cm
 Back height 50 cm	 Seat height 46,5-50 cm excl. cushions
 Max load 125 kg	 Weight approx 28 kg excl. cushions
 Tilt -5° - +20°	 Back Recline 92°-137°
 Crash tested ISO 7176-19 Max load 125 kg	

MOULDED SEATS WITH THE BENEFITS OF A NETTI WHEELCHAIR

BACKREST DESIGN ALLOWS MULTIPLE SOLUTIONS

The Netti 4U Base was developed to offer an optimal solution for custom made seats, including moulds. The back pipes are designed to fit for a multiple choice of custom made seats.

COMPACT

The total width of the chair is only 18 cm wider than the seat width.

MOULDED SEATS





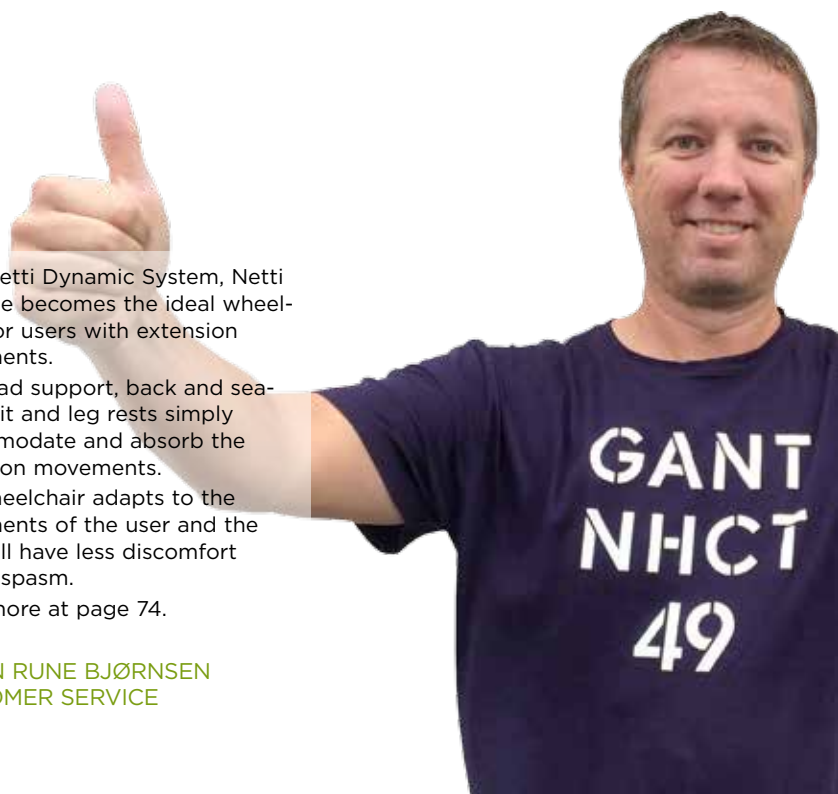
With Netti Dynamic System, Netti 4U Base becomes the ideal wheelchair for users with extension movements.

The head support, back and seating unit and leg rests simply accommodate and absorb the extension movements.

The wheelchair adapts to the movements of the user and the user will have less discomfort during spasm.

Read more at page 74.

BJØRN RUNE BJØRNSSEN
CUSTOMER SERVICE












FLEXIBLE ARMREST

The armrests can be folded up to facilitate side and sling transfer.

The arm rest pads can be pushed forward/backward into the ideal position, whether you are seated in the chair or at a table, or when standing up from the chair.

SITTING VARIATION

Tilt and recline ensures variation for the user during long time seating. Provides the necessary rest and relief. Forward tilt for activity and easy transfer.

	
Seat width 35-50 cm	Seat depth 42,5-55 cm
	
Back height 50 cm (60 cm)	Seat height 46,5-50 cm excl. cushions
	
Max load 125 kg	Weight 28-29,5 kg excl. cushions
	
Tilt -8° - +22°	Back Recline 92°-137°
	
Crash tested ISO 7176-19 Max load 125 kg	





Netti[®]
BY ALU REHAB

GET MORE OUT IN THE WHEELCHAIR

Netti wheelchairs give the user more golden moments because it is possible - and safe - to travel by car on a sunny day - together with family members or care givers. The daily life is easier for the family members or care givers because it is easy to organize transportation from home to a care centre etc.

ADAPT THE CHAIR TO THE USER – NOT VICE VERSA

CUSTOMIZED SOLUTIONS

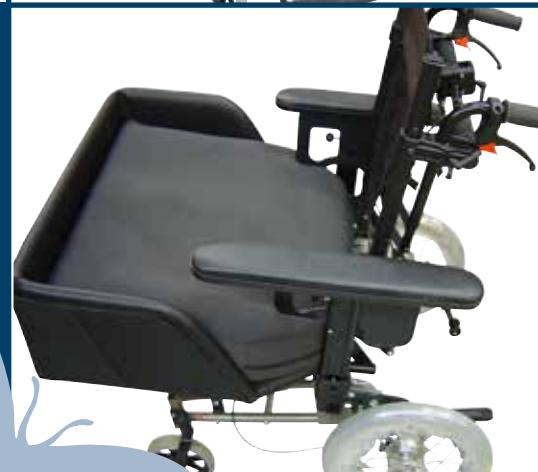
We have many years of experience in developing customized solutions. Where our standard products and accessories do not meet the needs of the user, our team of experienced technicians and occupational therapists can adapt the chair or accessories as needed.

NETTI BED.....	46
NETTI II.....	48
NETTI BARIATRIC.....	50
NETTI FRONT BACK.....	51
NETTI III 45°	52





EXAMPLES OF
CUSTOMIZED
CHAIRS – PLEASE
CONTACT US TO
DISCUSS YOUR
NEEDS



ASSISTS USERS, WHO CANNOT USE A NORMAL SEAT UNIT

The Netti Bed is built on the Netti chassis. The length and width can be adjusted according to needs. Netti Bed is available in many different configurations – e.g. with 2 or 3 base sections and with or without electrical functions.



DETERMINING USER NEEDS

Please use our order form for further information and assistance when determining the needs of the user.





Designed in Norway




Seat width
45-75 cm


Length
175-200 cm

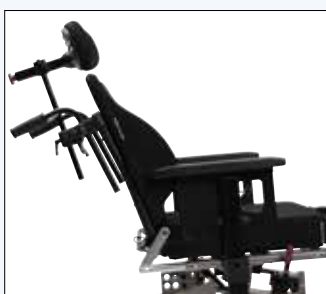

Back height
According
to need


Seat height
Standard
75 cm
Electric
50-95 cm


Max load
According
to need









ALLROUND WHEELCHAIR WITH SEAT TILT MECHANISM

Seat tilt mechanism, operated by companion or according to needs of the user. The chair prevents a bad sitting position in cases of incorrect handling of the backrest recline. The good comfort qualities of the seating system are retained. The simplest user operated comfort wheelchair on the market.



BACKREST ANGLES



	
Seat width 35-50 cm	Seat depth SW 35-40 cm: 40-45 cm SW 43-50 cm: 45-50 cm
	
Back height 50 cm (60 cm)	Seat height 45-48 cm (38,5-51,5 cm) excl. cushions
	
Max load 125 kg	Weight 24,8-27 kg excl. cushions
	
Tilt -9° - +16°	Back Recline 83°, 97°, 107°





+ GOOD SUPPORT FOR THE UPPER BODY

The Velcro backrest of the Netti II comfort enhances the support that the back cushion provides to the upper body. When the chair is adjusted to best suit the user, the backrest shape is adjusted with six straps in such a way that the lumbar curve and curvature of the spine of the user are supported as much as possible. The continuous adjustment of the seat cushion height facilitates the perfect, customized fit.

+ 3 FIXED BACKREST ANGLES

Adjustment of the chair to one of three fixed backrest angles 107°, 97° and 83°.

+ NETTI CUSHIONS

Netti wheelchairs are fitted with seat and back cushions especially designed for users who spend many hours in the chair every day and need good stability and pressure distribution. They provide optimum stability and head control, which is especially important during

long periods of sitting. The Netti back cushion provides good freedom of movement during activities.

+ THE IDEAL SITTING POSITION IS IN THE DETAILS

For our designers, ergonomics and technical solutions go hand in hand. The backrest hinge and its placement hold the secret to the comfort of the Netti II and are unique for wheelchairs from Alu Rehab. This solution ensures that the user does not slide forward when the backrest is tilted backwards. Together with the foot supports it prevents the user from having to endure a bad sitting position, shear forces and pressure ulcers.

+ UNIVERSAL FOOT SUPPORTS

Can be adjusted to the required angle.

CUSTOMIZED ADAPTATION FOR LARGE USERS

During the last years, we have seen a steadily increasing demand for solutions for bariatric users. Our experienced technicians and technical consultants can customize wheelchairs to meet most needs. For example, we can supply reinforced wheelchairs with seat widths up to and above 100 cm and for a user weight up to 450 kg. These include the models 450T (tilting frame) and 450F (fixed frame).

Besides that the chair can handle high user weight, it is especially important that the back and seat can be adjusted to different body shape. The Netti Seating Solution is designed both to cope with high user weight and optimum pressure distribution. To provide variation in the sitting position and relieve the user as well as caregivers, the chair can be equipped with electrical accessories that adjust the seat and back independently.



NETTI 450T



NETTI 450F



Seat width
Up to 100 cm



Max load
Up to 450 kg

FRONT BACK DRIVE FOR FORWARD BENT USERS

NETTI I FB

A very lightweight wheelchair with good manoeuvring characteristics. Large front wheels and small rear steering wheels, makes it easy to drive the chair. The backrest tilt function makes this chair suitable for active sitting positions as well as relief.

This chair is intended for users who need a backrest tilt function, due to limited upper body strength or kyphotic posture. The low seat height and the free space under the chair make it particularly suitable for foot-propelling. The wheelchair is durable and can withstand rough handling.



NETTI II FB

The Netti II FB comes equipped with seat tilt function, large front wheels and small rear steering wheels, which makes the chair easy to manoeuvre. The chair is suitable for use indoors where it easily overcomes tight spaces and doorways.

This chair is designed for users who need a seat tilt function, since their upper body strength is limited or they sit bent far forward. The free space under the chair makes it particularly suitable for foot-propelled drive.

The backrest angle can be operated by the user or by the companion. The seat tilt function is also available in electric mode.



FOR USERS WITH EXAMPLE:

- Polio
- Kyphosis
- Reduced movement in shoulders, arms and spine
- Decreased muscle strength
- Easy to maneuver the chair indoors and overcome obstacles easily

READ MORE

More information
on Netti I & II
See page 24 and 48.

45° SEAT TILT FOR FREQUENT CHANGE OF SITTING POSITION

For users who must frequently change their sitting position and relieve the pressure to a higher extent, we can provide the Netti III HD and EL with 45° seat tilt – that is, 10° forward and 35° backwards. It is available with manual and electric controls. The advantages of this chair are the weight transfer from the seat to the backrest and the better seat angle, using the force of gravity to prevent the user from sliding forward in the chair. The 45° chair offers a greater seat height of 7 cm.



RECOMMENDED FOR USERS WITH:

- Need for much tilt.
- Venous legs. Opportunity to get your legs above heart level.
- Need for relief of hip and pelvis.
- Hip operations which requires 35 degrees of tilt.

READ MORE

More information on Netti III EL and Netti III HD. See page 18 and 20.



EXAMPLES OF
CUSTOMIZED
ACCESSORIES







Netti[®]
BY ALU REHAB

ULTIMATE COMFORT BY NORWEGIAN DESIGN

Netti wheelchairs are flexible, modular and have so many adjustment options that the individual user can always find the perfect solution. Making such a wheelchair requires that the designers understand a large variety of disorders and physical challenges. We therefore develop all wheelchairs and accessories in close dialogue with experts and users. Always with focus on making life easier for the users: Enable joy of life!

LARGE SELECTION OF ACCESSORIES

A unique feature is the wide range of accessories for Netti wheelchairs. With Netti wheelchairs you are not tied to one solution. You can configure a chair which is adapted to the respective needs of the user. Most of the accessories fit all Netti wheelchairs. However some special accessories are only available on selected wheelchairs. Below you will find an overview of the most demanded accessories that only can be used on selected wheelchairs.

	Netti I	Netti III	Netti III EL	Netti III HD	Netti III XHD	Netti Mini	Netti Mobile	Netti 4U CE	Netti 4U CE PLUS	Netti 4U CED	Netti 4U CED XL	Netti Base
Headsupport fixation	+	+	+	+	+		+			+	+	
Height adjustable push bar	+	+	+	+	+	+		+	+	+	+	+
Tilt limiter		+	+					+	+	+	+	
Tilt lock		+		+								
Universal device rack			+	+	+		+					
One-hand brake	+	+	+	+								
Aluminium back	+	+	+	+	+		+		+	+	+	
H-belt	+	+	+	+	+	+			+	+	+	
Netti Dynamic System			+	+			+			+		+
Reinforced tray	+	+	+	+	+	+		+	+			
Hemiplegic arm support	+	+	+	+	+	+		+	+	+	+	+
Ambutation support	+	+	+	+	+	+	+	+	+	+	+	+
Foot box	+	+	+	+	+	+	+			+	+	



Available



Netti Customized

HEAD SUPPORT



HEAD SUPPORT A

For people with limited head control and stability.

Item nr 3D / Easy Care
40880 / 28382



HEAD SUPPORT B, SMALL

For users who require support in a tilted position.

Item nr 3D / Easy Care
40881 / 28383



HEAD SUPPORT C, LARGE

Allows you to change the resting position of the head.

Item nr 3D / Easy Care
40882 / 28384



HEAD SUPPORT D, COMFORT

Ergonomic shape that follows the natural curvature of the neck. Pressure-distributing properties.

Item nr 3D / Easy Care
81024 / 82986



HEAD SUPPORT MINI WITH SIDE SUPPORTS.

Item nr 3D
44579

	HEAD SUPPORT WITH HORIZONTAL BAR 150 MM (STANDARD)	HEAD SUPPORT WITH HORIZONTAL BAR 250 MM	HEAD SUPPORT WITH HORIZONTAL BAR 380 MM
	ITEM NR (3D/Easy Care)	ITEM NR (3D/Easy Care)	ITEM NR (3D/Easy Care)
A	42370/42369	42373/42372	42376/42375
B	42361/42360	42364/42363	42367/42366
C	42352/42351	42355/42354	42358/42357



VERTICAL BAR FOR HEAD SUPPORT IN THREE DIFFERENT LENGTHS

Item nr
41401 200 mm
41402 350 mm (standard)
41403 500 mm



PILLOW WITH AN ELASTIC RUBBER BAND

Offers pressure distribution. The pillow is easy to attach with an elastic rubber band.

Item nr
3950



HYGIENIC COVER FOR PILLOW

Can be washed at 60°.

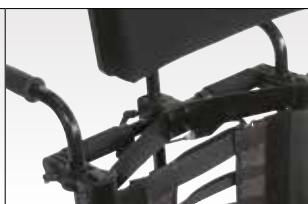
Item nr
27557 Mini
27554 A
27555 B
27556 C



PILLOW COMFORT

Recommended for more support and better relief of head and neck when using Head Support C.

Item nr
3952



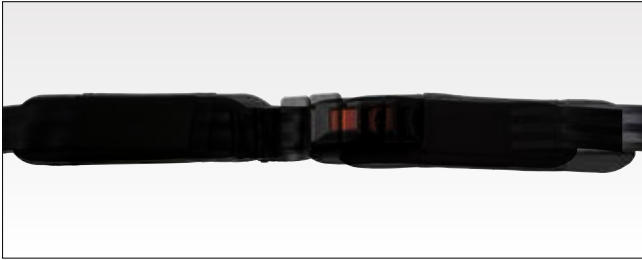
HEAD SUPPORT FIXATION

Ideal for excessive load on the head support. Is mounted on the push bar. Fits Netti I, II and III.

Item nr
23017 35 cm
42329 38 cm
23018 40 cm
23019 43 cm

Item nr
23020 45 cm
23021 50 cm
23022 55 cm
23023 60 cm

BELT SYSTEMS



HIPBELT

Security for user, prevent sliding out of chair.

Item nr
20845



PELVIC BELT (ABDUCTION)

To position and stabilise the pelvis.

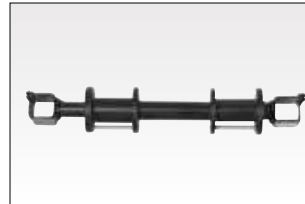
Item nr
41646 35-45 cm
41647 50-60 cm



PADDED H-BELT

To stabilise the pelvis and upper body. Prevents the user from sliding out of the chair.

Item nr
20881



ATTACHMENT BAR FOR H-BELT

Recommended when using the H-belt to adjust the desired angle. Fitted onto the push handles for Netti I, II and III.

Item nr
25949 25-38 cm
25441 40-60 cm



SEAT UNIT



COMFORT SEAT

Supports the cushion's pressure relieving effect and provides enhanced stabilization for the pelvis. The oval hole in the seat plate allows, together with the cushion, seat bones to sink into the cushion. This stabilizes the seating position and prevents the user from sliding forward in the seat.



SLIDING SEAT

Recommended to ease transfer and positioning of the user. The seat plate can be pulled out and pushed in while the user is sitting in the chair. It ensures that the user is sitting right at the back of the chair. The sliding seat is well suited for people with a contracted knee or for users transferred with lift.



TILT LIMITER FOR NETTI II AND III

Reduces the forward or backward tilt deflection.

Item nr
21032



BACKREST TILT LIMITER FOR NETTI 4U

Reduces the forward or backward tilt angle.

Item nr
29474



TILT LOCK

Locks the tilt function and is recommended for restless users and during car transport.

Item nr
43032

STABILISING THE UPPER BODY

For the correction of malpositions and misalignments, as well as limited spinal stability, a wedge cushion or an external lumbar support can be placed between the velcro backrest and back cushion. For individuals with limited stability, stronger support by means of side supports may be necessary.



SIDE SUPPORT CORRECTION

A direct support to the body.

Item nr

27375 Right

27374 Left

28511 Right (Netti 4U CE)

28512 Left (Netti 4U CE)



PADDING FOR THE SIDE SUPPORT

Item nr

27542



SIDE SUPPORT NETTI MINI

Item nr

24218



SIDE SUPPORT STABLE

Item nr

26843 Right

26830 Left



SIDE SUPPORT STABLE

For the back cushions Netti Stabil or Netti Super Stable. Can be swivelled and locked. The height and the sideways position of the side support can be locked.



SIDE SUPPORT UPHOLSTER

Item nr

27541



LUMBAR SUPPORT

Item nr

2837 25-30 cm

2838 35-40 cm

2839 45-50 cm

2836 55-60 cm



SPINAL WEDGE CUSHION

To improve stability. Can be used on both sides. Placed between velcro back and back cushion.

Item nr

21048



ALUMINIUM BACKREST

For users requiring a firmer back support. 50 cm. Suitable for all Netti wheelchairs except CE, CED, CE Plus and Base. See backrest extenders on page 60.

Item nr

27700 35-45 cm

27702 50-60 cm

27706 65-75 cm



BACK UNIT



ADDITIONAL BACKREST HEIGHT USING THE BACKREST EXTENDER NETTI

For larger users, the backrest can be extended to 60 cm. Does not go with Netti 4U CE.

Item nr
43799



BACKREST EXTENDER ALUMINIUM BACKREST

Extension of aluminium backrest for larger users. Not suitable for Netti 4U 4U CE and Base.

Item nr
44872 SB 35-50 cm
44912 SB 50-60 cm
44913 SB 65-75 cm



BACK CUSHION 60 CM

Netti Smart, Stabil and Super Stabil are available in height 60 cm. If you already have a 50 cm cushion, you only need to buy a new 60 cm cover.

Not for Netti CE.



There is a measurement system with six half moons at the back of the backrest. This ensures that the cushion can be re-placed correctly and easily by a helper when the cushion was removed to be washed, for example.

ABDUCTION OF THE KNEES



ADDITIONAL ABDUCTION +5 CM

For users with large abduction, used together with 5 cm wider foot supports and often with knee and thigh supports.

In some cases it may be advisable to also use a spacer / side extension for the front castors. Does not suit Netti 4U CE, 4U CE PLUS and 4U CED.

Item nr
80071 Right
80072 Left



ABDUCTION WEDGE

In order to prevent dislocation of the hips and compression of the knee (due to muscle contractions), an abduction wedge must be fixed to keep the thighs apart.

Item nr
24297 Mini
27490 Small
27491 Medium
27492 Large



KNEE AND THIGH SUPPORT

Improves support of the knee and thigh in larger abductions.

Item nr
20830

ARMRESTS

The Netti wheelchairs are supplied with various types of armrests. Alu Rehab offers a wide selection of armrests to meet the needs of individual users.

In some cases, it may be advisable to reduce the width of the seat surface. For example, if the user needs a wide back cushion, but less width in the hip area. In all Netti wheelchairs the seat can be adjusted by attaching comfort pads to the skirt guards.



ARMRESTS
NETTI I, II, III



ARMRESTS
NETTI 4U CED



ARMRESTS
NETTI 4U CE



ARMRESTS
NETTI 4U CE PLUS



ARMRESTS
NETTI MINI



HEMIPLEGIC ARMRESTS NETTI I, II AND III

Recommended for hemiplegics. Can be swivelled and adjusted.
A padded half tray may also meet the need.

Item nr
22186 Right
22185 Left



HEMIPLEGIC ARMRESTS NETTI 4U CED

Recommended for hemiplegics. Can be swivelled and adjusted.

Item nr
29460 Right
29459 Left



COVER FOR HEMIPLEGIC ARMREST

With pull-cord for easy attachment and removal for washing.

Item nr
43650



HEMIPLEGIC CUSHIONS

Soft Cospoflex PU foam filling.

Item nr
3954





ARMREST PAD

Available in various lengths and widths.

ARM REST PAD	MEASURE	ITEM NR.
Standard	385x58 mm	20835
Wide	420x80 mm	29137
Long	445x68 mm	29136
Long-wide	525x80 mm	29138
With bend	525x80 mm	29139
Mini	335x58 mm	29135



SOFT PADDING FOR ARMRESTS

Item nr
41649 (standard) 385x58 mm
82563 (wide) 420x80 mm



COMFORT PAD FOR NETTI I, II AND III.

Foam pad which is used to reduce the seat width of the chair and to stabilise the pelvis of the user. Available in two thicknesses.

Item nr
22149 2,5 cm



COMFORT PAD FOR NETTI 4U CED(S)

Is used to reduce the seat width of the chair and to stabilise the pelvis of the user. 1.3 cm thick spray foam.

Item nr
41458 Right
41459 Left



COMFORT PAD FOR NETTI 4U CE PLUS

Foam pad used to reduce the seat width of the chair and to stabilise the pelvis of the user.

Item nr
80917 Right
80918 Left



COMFORT PAD FOR NETTI 4U CE

Foam pad used to reduce the seat width of the chair and to stabilise the pelvis of the user.

Item nr
26624 Right
26630 Left



COMFORT PAD MINI

2 cm thick foam pads used to reduce the seat width of the chair and to stabilise the pelvis of the user.

Item nr
24253 Right
24252 Left



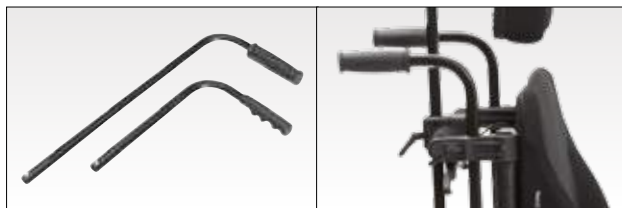
ARMREST WITH PADDED HALF TRAY FOR NETTI I, II AND III

Flexible positioning of the arm provides support and relief. The height and depth of the tray can be adjusted. The tray can be folded up to make getting in and out of the chair easier.

Item nr
23978 Right
23979 Left



PUSH HANDLE



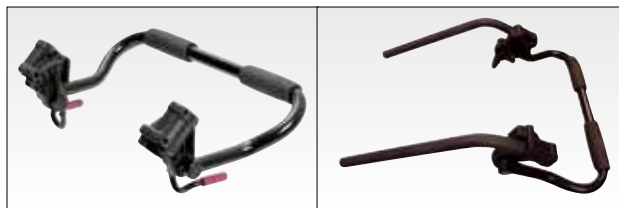
PUSH HANDLE

Available in lengths of 30 or 50 cm. The standard length is 30 cm.

Item nr

21754 30 cm

21808 50 cm



HEIGHT ADJUSTABLE PUSH BAR

Recommended for users who are pushed by a companion. The angle or tilt of the push bar can be adjusted to compensate for companions of different heights.

Item nr (Netti 4U CE)

42177 40 cm

42178 45 cm

42179 50 cm

Item nr (Netti Mini)

83349 25 cm

83350 30 cm

81747 35 cm

Item nr (Netti I, II, III & CE Plus)

81747 35 cm

81748 38 cm

81749 40 cm

81750 43 cm

81751 45 cm

81752 50 cm

81753 55 cm

81754 60 cm

RELEASE HANDLE FOR SEAT TILT AND RECLINE ANGLE

If the user can adjust the backrest angle and seat tilt by themselves, the handle is mounted underneath the armrest. Available for Netti II and III. For electric adjustment, see Netti III EL on page 18.



ADJUSTMENT HANDLE FOR SEAT TILT AND RECLINE ANGLE

Installation under the right or left armrest

TRAYS

Recommended if the user wants to be active, e.g. to read or eat. For comfortable positioning of the arms and upper body and for more stability.



PIVOTABLE TRAY

The tray can be swivelled to the side for the transfer of or access to the user. The tray can be locked in required position.

Item nr

15140 35-40 cm Netti I/II/III/CE/CE PLUS

15141 43-50 cm Netti I/II/III/CE/CE PLUS

28826 35-43 cm Netti 4U CED

28832 45-50 cm Netti 4U CED



TRAY, REINFORCED AND LOCKABLE

The locking function ensures safe positioning of the tray.

Item nr

15123 25-30 cm Netti Mini

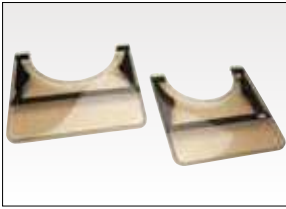
15124 35-40 cm Netti I/II/III/CE/CE PLUS

15125 43-50 cm Netti I/II/III/CE/CE PLUS

28828 35-43 cm Netti 4U CED

28836 45-50 cm Netti 4U CED

TRAYS CONTINUED



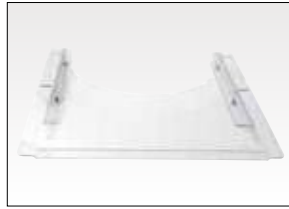
TRAY

Easy to install and remove with a sturdy tray top.

Item nr

15100 35-40 cm

15101 43-50 cm



TRAY UNIVERSAL

Simply pushed over the armrests.

Item nr

28121 35-43 cm

28122 45-50 cm



TRAY UNIVERSAL

Simply pushed over the armrests.

Item nr

21610 55-60 cm

40744 65-70 cm

40745 75 cm

WIDE ARMREST PAD

When a wide armrest pad is used, it may be necessary to use a wider tray.

Additional information is available from our customer service.



TRAY PAD

When used for longer periods, a soft pad should be fixed to the tray top. The pad is made of soft foam with leatherette cover for easy cleaning. Velcro fixation.

Item nr

15042 25-43 cm, right

15043 25-43 cm, left

15040 45-50 cm, right

15041 45-50 cm, left



PADDED HALF TRAY FOR NETTI I, II AND III

Flexible positioning of the arm provides support and relief. The height and depth of the tray can be adjusted. The tray can be folded up to make getting in and out of the chair easier.

Item nr

23978 Right

23979 Left

BRAKES AND BRAKE HANDLES

There are different types of brakes available for Netti wheelchairs. The standard brake is attached to the frame tube and brakes directly on the tyre. If the user cannot brake by themselves, a drum brake/companion's brake should be mounted. These brakes are located in the hub of the traction wheel. For users with limited mobility or strength in the fingers, a longer brake lever can be installed on Netti I, II and III. A single-handed brake is also available for Netti III.



LONGER BRAKE LEVER FOR NETTI I, II AND III

A longer brake lever can be used to better operate the brakes. The brake is then also easier to operate with the use of less effort. The standard length of the brake lever is 90 mm.

Item nr
21058 150 mm
21059 250 mm



BRAKE FOR FRAME EXTENDER FOR NETTI I, II AND III

This brake is used for extended frames.

Item nr
41898 Right
41899 Left



SINGLE-HANDED BRAKE

For users who can only use the brake on one side, we provide a drum brake with brake cable, which is operated via the user brake. We can also provide a mechanical central brake on request.

Item nr
27282 Right
27283 Left



DRUM BRAKES

For information on drum brake wheel, see page 69.

Enable joy of life

ELECTRIC FUNCTIONS

Some users may be very pleased with electrical controls of the backrest angle, seat tilt and angle-adjustable footrests. It allows the user to change the seat position by themselves at any time. Electrical functions can be delivered on new Netti II and III chairs.



ELECTRIC SEAT TILT
Netti II, III

ELECTRIC RECLINE
Netti III

**ELECTRIC FOOT
SUPPORT ANGLE
ADJUSTMENT**
Netti II, III



MANUAL OPERATION

Visual symbols for easy understanding and operation. Comes with a readily accessible charging socket/connector.

Item nr
30305



HOLDER FOR REMOTE CONTROL

Recommended when the users should operate the functions themselves.

Item nr
41123 Right
41124 Left

FOOT SUPPORTS



ANGLE-ADJUSTABLE FOOT SUPPORTS

Our angle-adjustable foot supports have an ergonomically correct design and automatic leg length equalisation.



UNIVERSAL FOOT SUPPORTS

The universal foot supports provides angle adjustment in fixed positions and are e.g. a good solution for users who have knee contractions. The angle can be set negatively in under the chair.



PADDING FOR THE FOOT PLATES

In both foot supports versions, a soft foot plate cover is available for people who sit without shoes or are pressure-sensitive.

FOR ITEM NUMBERS, PLEASE REFER TO OUR SPARE PART CATALOGUES.



CALF PLATE WITH HINGE

The hinge allows for the calf plate to be swung in under the chair to accomodate dismounting of foot supports. Recommended for users with stiffened leg muscles.



CALF PLATE PADS

A pad for the calf support is available for users with very sensitive and vulnerable skin.

CALF PLATE WITH HINGE	ITEM NR (right/left)
35-38 cm	26541/26542
40-43 cm	26545/26546
45 cm	26549/26550
50 cm	26551/26552
55 cm	26553/26554
60 cm	26555/26556



PADDING FOR CALF PLATE BRACKET

A pad for the calf support bracket is available for users with very sensitive and vulnerable skin.

CALF PLATE PAD	ITEM NR
35 cm	41617
38-40 cm	41618
43-45 cm	41619
50 cm	41620
55 cm	41621
60 cm	41622
Padding for calf plate bracket	21745

FOOT SUPPORTS *CONTINUES*



AMPUTATION SUPPORT FOR NETTI I, II, III, NETTI 4U CE AND NETTI 4U CE PLUS

Angle-adjustable amputation support with height and depth-adjustable calf pads. The amputation support is used, if the leg has been amputated below the knee and a support is needed.

AMPUTATION SUPPORT	ITEM NR (right/left)
35 cm	22152/22160
38 cm	22153/22161
40 cm	22154/22162
43 cm	22155/22163
45 cm	22156/22164
50 cm	22157/22165
55 cm	22158/22166
60 cm	22159/22167



PADDED FOOT BOX FOR NETTI I, II, III AND NETTI 4U CED

Recommended for restless users. Foam padding with cover made of strong, easy-to-clean leatherette fabric. By using a lock bracket, the foot box can be easily mounted or removed. Castor outriggers are recommended, see page 71.

FOOT BOX, PADDED	ITEM NR
35 cm	23336
38 cm	23337
40 cm	23338
43 cm	23339
45 cm	23340
50 cm	23341
55 cm	23342
60 cm	23343
Lock bracket (right/left)	80839/80840



ONE-PIECE FOOT PLATE

A very sturdy, easy-to-install foot plate. It can be folded up and locked in place when not in use. Recommended for spastic users, among others.

ONE-PIECE FOOT PLATE	ITEM NR
Netti I/II/III/4U 35 cm	25701
Netti I/II/III 38 cm	25702
Netti I/II/III/4U 40 cm	25703
Netti I/II/III/4U 43 cm	25704
Netti I/II/III/4U 45 cm	25705
Netti I/II/III/4U 50 cm	25706
Netti I/III/4U CED 55 cm	25707
Netti I/III/4U CED 60 cm	25708



REINFORCED FOOT SUPPORTS

For very heavy duty usage, we can supply reinforced foot supports to all our chairs except Netti 4U CE and Netti 4U CE PLUS.

REINFORCED FOOT SUPPORTS	ITEM NR
Reinforced (right/left)	42727/42728
Reinforced with gas (right/left)	25458/25459
Reinforced pull out piece (right/left)	42724/42725

FOOT SUPPORTS *CONTINUES*

HEEL, FOOT PLATE AND CALF STRAPS

To provide the ankle and foot a better grip, heel straps can be mounted on the foot plates of the angle-adjustable foot supports. In addition foot straps can be mounted onto the foot plates. The padded calf straps can be used in front of and behind the calf to hold the leg in the correct position.



CALF STRAPS ARE AVAILABLE IN SEVERAL SIZES

CALF AND FOOT STRAPS, PADDING	ITEM NR
Calf strap 35 cm	23758
Calf strap 38-40 cm	21870
Calf strap 43-45 cm	21871
Calf strap 50 cm	22142
Calf strap 55 cm	22143
Calf strap 60 cm	22144
Foot strap	41643



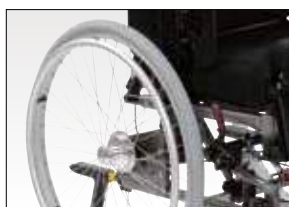
FOOT STRAP

WHEELS



WHEEL

Flexel tyres are maintenance-free. The air tyres provide suspension and driving comfort. Quick-release axles make it easy to remove the wheels. When the seat height is changed, the anti-tip stabiliser must be checked.



WHEEL FOR DRUM BRAKE

Recommended for users who are pushed by a companion. A drum brake provides good control on uneven ground and allows braking on steep surfaces. It can also be used as an additional parking brake. Quick-release axles make it easy to remove the wheels. Wide wheels are ideal for users who travel frequently on loose material such as gravel or sidewalks.



REINFORCED WHEEL

For users with high body weight. The wheel is fitted with a strong hub and thicker spokes. The wheel and push rim are integrated.

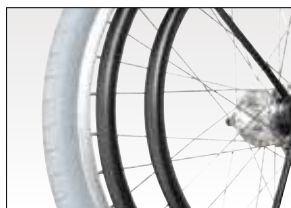


WIDE WHEELS

Especially ideal for users who travel frequently on loose material such as gravel or sidewalks.

FOR ITEM NUMBERS ON WHEELS, PLEASE REFER TO OUR SPARE PARTS CATALOGUES.

WHEELS *CONTINUES*



ONE-HAND DRIVE

For users who only has the use of one arm. Please also refer to the single-handed brake option on page 65.

Item nr.

20780 20"

20781 22"

43357 24" 1 x 1 3/8 TBB

Telescopic crossbar

20438 35-40 cm

20436 43-55 cm



SPOKE PROTECTORS

Prevents the user's hands from getting caught in the spokes of the wheel. The protectors are transparent and can be decorated with stickers according to the wishes of the user

Item nr.

24143 20"

24144 22"

24145 24"

24146 26"



FRICTION COVER FOR PUSH RIM

Recommended for users with limited gripping ability.

Item nr.

86002 20"

86001 22"

86000 24"

86003 26"



CAMBER ADAPTER

Improves the manoeuvrability of the chair. Recommended for restless users for increased wheelchair support surface.

Item nr

21923 2°

21924 4°



FRAME EXTENDER FOR NETTI I, II AND III

Allows mounting of main wheels further back than the standard frame position. Provides increased stability with respect to the centre of gravity. When a frame is extended, a longer anti-tip stabiliser and a brake on the bottom frame tube are needed, see pages 65 and 71.

Item nr

20824



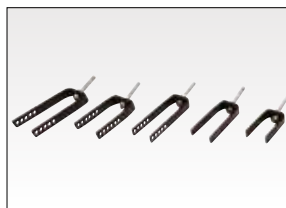
FRONT CASTORS



FRONT CASTORS

Front castors are available in different sizes. Wide front castors are recommended for use outdoor, and in case of high user weight when auxiliary motors are used. When the seat height is changed, the anti-tip stabiliser must be checked.

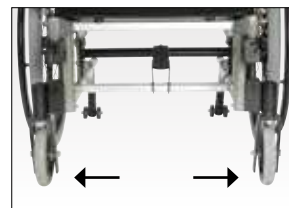
For item numbers, please refer to our spare parts catalogues.



FRONT FORKS

Available in various sizes and widths to adjust the seat height. Supplied with quick-release axle for easy dismantling for car transportation.

For item numbers, please refer to our spare parts catalogues.



CASTOR OUT RIGGERS

Installed between the bearing house and chair frame. Increases the distance between the front castors by 7 or 9.4 cm. This reduces the conflict between the front castors and legs of the user during foot propelling.

Item nr
20664

ANTI-TIP

- Comes standard with all chairs.
- Adjustable
- For the safety of the user



ANTI-TIP STABILISER FOR NETTI MINI

Foot pedal for use in overcoming an obstacle. Can be swivelled upwards when pushed by companion. The height and depth of the anti-tip stabiliser can be adjusted.



ANTI-TIP FOR I, II AND III

Foot pedal for use in overcoming an obstacle. Can be swivelled upwards for pushing by the companion. The height and depth of the anti-tip stabiliser can be adjusted.



ANTI-TIP FOR NETTI 4U

2 fixed height positions. Can be swivelled upwards when pushed by companion.



ANTI-TIP WITH PEDAL FOR NETTI 4U

An anti-tip with pedal is available as accessory for Netti 4U.

ANTI-TIP TO NETTI I/II/III & MINI		
DESCRIPTION	MAIN WHEELS	ITEM NR
Short/short, Mini	20"-24"	25416
Short/long, Mini	26"	25417
Long, short	20"-24"	25419
Long, long	26"	25418
Extra long / short	20"-24"	25422
Extra long / long	26"	25423
Feather for anti-tip for Netti II / III 45 cm		24242
Feather for anti-tip for Netti Mini 38 cm		24243

ANTI-TIP TO NETTI 4U	
DESCRIPTION	ITEM NR.
20-22" Anti-tip	28816
24" Anti-tip	28018
20-24" Anti-tip with pedal	28972

UNIVERSAL DEVICE BOX



UNIVERSAL DEVICE BOX

For the use of oxygen or suction devices, etc. Flexible solution with adjustable fixation system for secure attachment of devices. Fits most devices. Available for seat widths of 35-75 cm. Can be installed on the Netti III HD and XHD as well as the Netti Mini with frame extender.



COVER FOR UNIVERSAL DEVICE BOX

Optional additional cover is available for two compartments.

ANGLE BRACKET

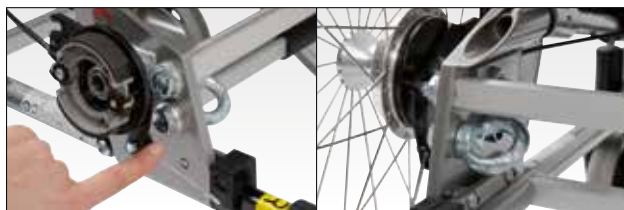
For attaching of devices. Additional sets can be purchased. One set contains 4 angle brackets.

UNIVERSAL DEVICE BOX	
SW	ITEM NR
35 cm	44840
38 cm	44841
40 cm	44842
43 cm	44843
45 cm	44844
50 cm	44845
55 cm	44846
60 cm	44847
65 cm	44848
70 cm	44849
75 cm	44850

COVER PLATE	
SW	ITEM NR
35 cm	44851
38 cm	44852
40 cm	44853
43 cm	44854
45 cm	44855
50 cm	44856
55 cm	44857
60 cm	44858
65 cm	44859
70 cm	44860
75 cm	44861

ANGLE BRACKET
ITEM NR
80-10017

TRANSPORT LUG



TRANSPORT LUG

Recommended for safe car transportation of the chair. Please order two pieces per chair.

Item nr
21074

WHEELCHAIR BAG



WHEELCHAIR BAG

For convenient storage and transport.
Can be used on all Netti wheelchairs.

Item nr
42269

IV STAND



IV STAND

IV stand for drip, artificial nutrition and medication. The IV stand is mounted to the backrest frame and comes with two removable hooks.

Item nr
41987

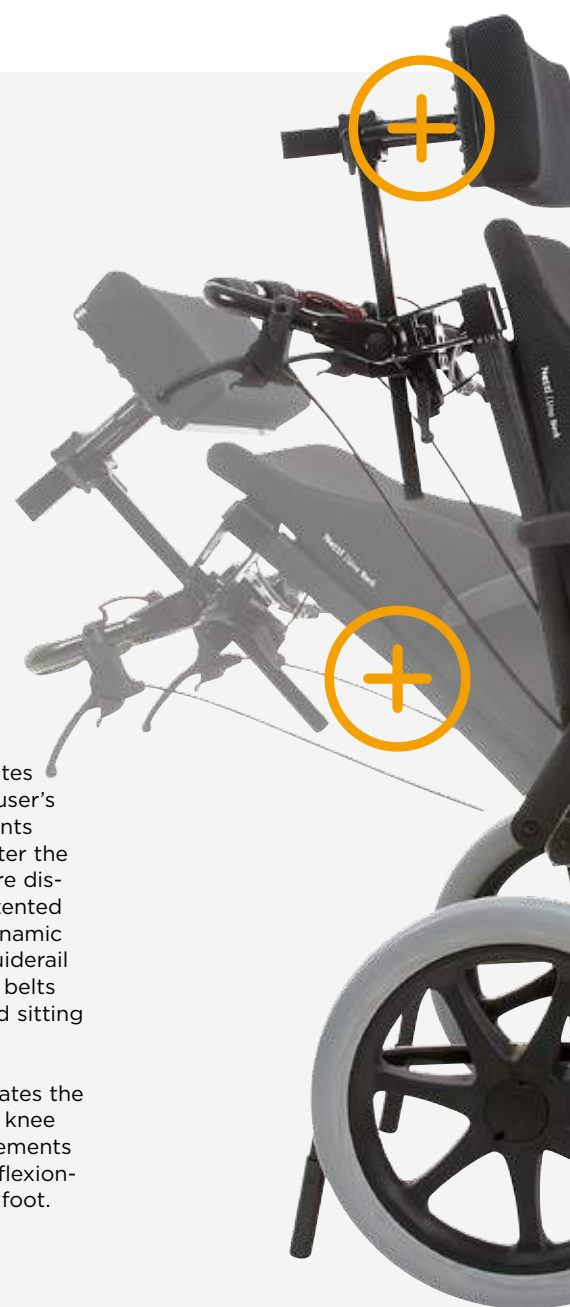


FREEDOM OF MOVEMENT PROVIDES QUALITY OF LIFE

Netti Dynamic System is an advanced mobility aid for disabled users affected by dystonia with extension movements resulting in very strong spasms and contractions which affect the user's muscle-bone apparatus causing joint dislocations and challenging the strength of the wheelchair.

The patented Netti Dynamic System accommodates the user's extension movements letting the wheelchair work in synergy with the users movements. The wheelchair is dynamic and will follow the users movement of both upper and lower body.

With Netti Dynamic System you can achieve a more relaxed sitting position and participate in daily life with family and friends.



⊕ The head support accommodates and absorbs the head extension movements by means of gas springs maintaining height and depth positions.

⊕ The back accommodates extreme trunk extension movements all the way to total reclination. The standard angle between seat and back can be set to between 85° and 110° depending on the chosen solution. You may choose between 3 different solutions: gas spring or locked gas spring with different resistance opportunities and air shock absorber.

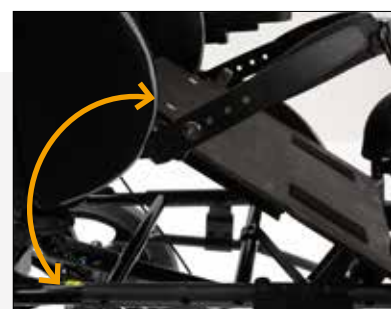
⊕ The seating unit accommodates the hip elevation during the user's extension pattern. This prevents sliding forward in the seat after the movement and a bad pressure distribution caused by the unintended sitting position. The Netti Dynamic System is delivered with a guiderail attachment for 2/4 point hip belts which helps to keep the good sitting position.

⊕ The foot support accommodates the elevating movements (at the knee joint level), the pushing movements along the tibial axle and the flexion-extension movements of the foot.



- The wheelchair adapts to the movements of the user
- The user will have less discomfort during spasm as the wheelchair supports the movement
- After a spasm the user returns to his or her original sitting position securing a good position and pressure distribution.
- Prevents unintentional change of position
- Prevents the user from sliding forward in the chair and thereby getting a bad sitting position and bad distribution of pressure.
- Extends the life time of the wheelchair

KJETIL GAUSEL
CEO



COMFORTABLE AND SUPPORTIVE SEATING



Netti Uno Back

One foam piece with integrated side support. Easy adjustment of height to fit the user. See page 84



Netti Smart

High level of pressure distribution and side support properties. With visual design elements to make positioning easy. See page 84



Netti Uno Seat

Multilayer seat cushion with high pressure distribution properties. See page 80



Netti Sit

Multi layer seat cushion with integrated side supports, protection cover and high pressure distribution properties. See page 80



Netti Stabil

A backrest cushion similar to the Netti Smart but with larger side supports. For user with tendency to tilt to the side. See page 85



Netti Super Stabil

For users with extensive need of side support. Similar to the Netti Stabil but with more rigid side supports. See page 85



Netti Contour

Follow the curves of the body providing a high degree of stability and support for the user. See page 81



Netti Dry

Protective cover that suits all cushions. See page 81



Netti Kyphotic

Special designed multilayer back cushion for people with kyphosis. See page 83



VITAL BASE Royal

Temperature stable cushions in large sizes (65-70 cm). See page 81



VITAL BASE Venti

Maximum breathability for good microclimate. See page 81



Designed in Norway



CUSHIONS WITH UNIQUE SOLUTIONS

- ✓ Ready to use
- ✓ Very good pressure distribution
- ✓ Breathing
- ✓ Thermally stable
- ✓ Stabilising properties
- ✓ Back cushions with velcro fixation system
- ✓ Height-adjustable back cushions
- ✓ Extensive selection of sizes
- ✓ Low weight
- ✓ For easy transfer
- ✓ Washable and user friendly

REAL STABILITY FOR MORE ACTIVITY

Netti provides a seating system based on the seven principles for maximum sitting comfort (see page 90). The Netti cushions supplements many features of the Netti wheelchairs. Together they form the optimum solution with multi-point stabilisation of the pelvis that allows maximum freedom of movement for the upper body and represent an excellent pressure distribution solution. All our seat cushions are designed for users who spend many hours in the seat, and are constructed in such a way that the cushions are not 'sat through'.

The height of the ergonomically shaped back cushion can be individually adjusted. It provides optimum stability and head control, which is especially important during long periods of sitting. The Netti back cushions provide freedom of movement during activities.

COMMON FEATURES OF THE NETTI CUSHIONS:

+ DOCUMENTATION

All of our seat and back cushions are tested and approved according to: SS-EN 1021-1:2006/ISO 8191-1:1987, SS-EN 1021-2:2006/ISO 8191-2:1988 and ISO 7176-16:1997

+ MATERIAL AND STRUCTURE OF THE CUSHIONS

We use various polyurethane foams (PU) in the seat and back cushions. Due to its three-dimensional structure PU is elastic and it always returns to its original shape. In addition, PU is breathable. This combination of properties is the ideal basis for a comfortable sitting experience.

+ CLEANING THE UPHOLSTERY FABRICS

The covers are removable and can be machine-washed at 60°C. They can go through the spin cycle and dried at a maximum of 85°C.



+ READY TO USE

There is no need to adapt, adjust or inflate the cushions. We have done all the work and adjusted the properties of the cushions for maximum pressure distribution. The thickness of the seat cushion is 8 cm and provides comfortable sitting – for many hours.



VARIOUS COVERS

3D Breathable, elastic and durable. The 3D mesh structure enhances the microclimate, ventilates and reduces heat build-up. This strengthens the skin and the resistance of the underlying tissue against internal and external influences, such as pressure and shear. 100% PES (Polyester).

PRO TEX Elastic, semipermeable protective cover for cores. The cover is breathable and waterproof. Durable and wipeable. PES (Polyester) + PU.

CLIMATHERM™ Temperature stable, elastic and durable cover with breathable properties for a better microclimate. The moisture is removed from the user.



°C Thermally stable, breathable, elastic and durable. Under the 3D cover, there is a temperature stable PCM fabric. This material is stabilised at 32°C, meaning that it gives off heat and insulates when the temperature rises above/falls below this limit. The cover °C slows down and reduces the heating process of the skin and tissue.

EASY CARE Durable, breathable, elastic, wipeable and hygienic. PES (Polyester) + PU.

3D COLOUR Some cushions are available in red and black design. For further information, please do not hesitate to contact us.

THE CONSTRUCTION OF THE CHAIR SUPPORTS THE CUSHIONS

THE IDEAL SITTING POSITION IS IN THE DETAILS

For our designers, ergonomics and technical solutions go hand in hand. The backrest hinge and its placement hold the secret to the comfort. The shape and placement are unique to Netti wheelchairs. This solution ensures that the user does not slide forward when the backrest is tilted backwards. Together with the foot supports it prevents the user from having to endure a bad sitting position, shear forces and pressure ulcers.

GOOD SUPPORT FOR THE UPPER BODY

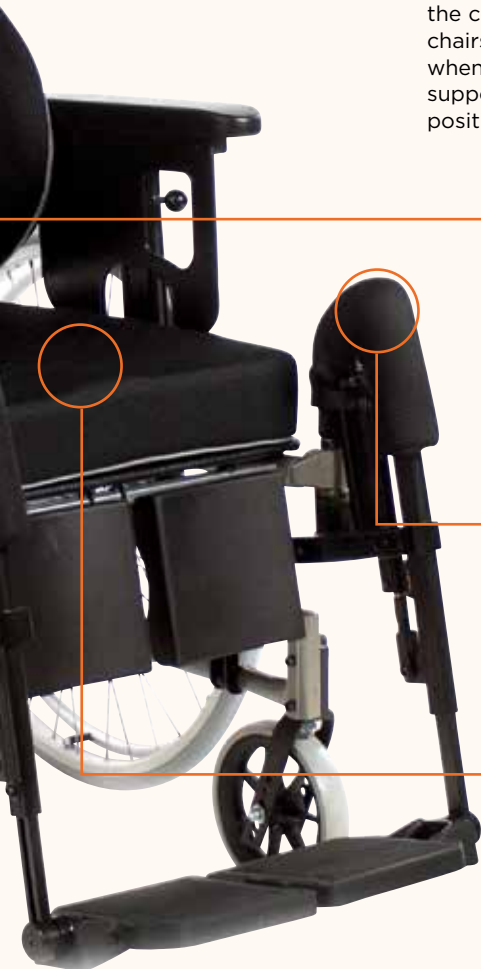
The Velcro backrest of the Netti III enhances the support that the back cushion provides to the upper body. When the chair is adjusted to best suit the user, the backrest shape is adjusted with six straps in such a way that the lumbar curve and curvature of the spine of the user are supported as much as possible. The continuous adjustment of the seat cushion height facilitates the perfect, customized fit.

INTELLIGENT FOOT SUPPORTS

The automatic leg length adjustment ensures optimum pressure distribution - in all different sitting positions.

STABLE SITTING POSITION

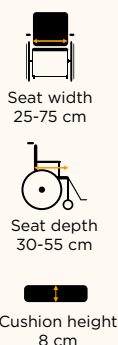
The Netti III comes with a sliding seat plate - an aid for easier transfer and positioning of the user. The supports the cushions. The seat plate can be pulled out and pushed in while the user is sitting in the chair. It ensures that the user is sitting right in the chair.



Netti® Sit



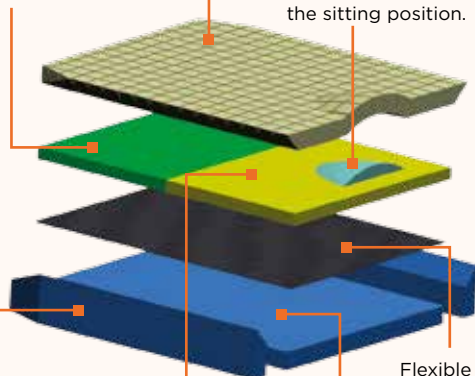
- Ready to use!
- Good pressure distribution and stabilising properties.
- Supplied customized for the respective user – no adaptation and adjustment necessary.
- Supplied with a waterproof but breathable intermediate cover to protect the foam cushion.
- The foam properties are adapted to the size of the cushion – and therefore the user's weight.
- Breathable 3D, wipeable Easy Care or temperature-stabilising °C cover.



The sectioned top foam reduces surface tension and ensures that the user quickly sinks into the cushion so that the pressure is rapidly distributed.

The use of softer foam at the rear end of the intermediate layer prevents the forward sliding effect.

The integrated abduction block affects straightening of the spine and improves the sitting position.



Side supports provide more stability and contact area.

Flexible material improves the carrying capacity of the bottom layer and reduces the overall weight.

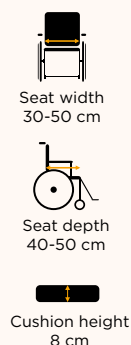
Firmer foam in the front and middle layer stabilises the front edge of the seat cushion and the thigh.

A high carrying capacity of the bottom layer prevents the 'sit through' effect and increases stability.

Netti® Uno Seat

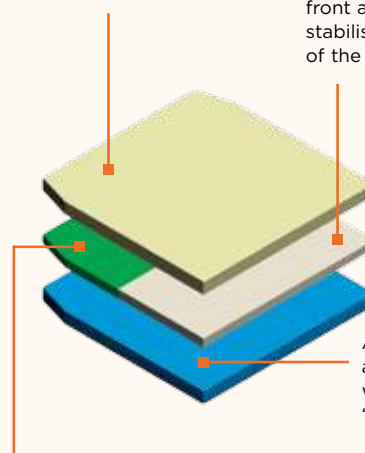


- Ready to use!
- Supplied customized for the respective user – no adaptation and adjustment necessary.
- The hardness of the foam is adapted to the size of the cushion – and therefore the user's weight.
- Breathable 3D or wipeable Easy Care cover.



Soft top foam ensures quick sinking into the cushion for rapid pressure distribution.

Firmer foam in the front and middle layer stabilises the front edge of the seat cushion.



A foam bottom with a higher specified weight prevents the 'sit through' effect.

The use of softer foam at the rear end of the intermediate layer prevents the forward sliding effect.

VITAL BASE®

VENTI



- Maximum breathability
- Proven pressure-distributive properties
- Reversible – both sides can be used
- Low weight
- Ready to use
- 3D mesh fabrics throughout the cushion ensures maximum ventilation.
- Use of lightweight materials makes a very light cushion.
- The symmetric core build up can be used either way and makes it an easy to use product.



Seat width
35-50 cm



Seat depth
40-50 cm



Cushion height
8 cm



Ready for use



Pressure-distributing



Ventilation

VITAL BASE®

ROYAL



- Thermally stable cover
- Supplied with a waterproof but breathable intermediate cover to protect the foam cushion.
- Ready to use
- The use of softer foam at the rear end of the intermediate layer prevents the forward sliding effect.
- The super soft top foam ensures quick sink-in and pressure distribution.
- The integrated PU-gel at the rear reduces hard impact on the spine.



Seat width
65-70 cm



Seat depth
55 cm



Cushion height
7 cm front,
9 cm rear



Ready for use



Temperature-stable



Stabilizing



Pressure-distributing

Netti® Contour



- The cushion is anatomically shaped and the contours follows the body thereby creating good support and seating comfort.
- Always ready for use!
- Prefit for the user at delivery
- Good pressure distributive and stabilizing properties
- 3D outer cover.
- A combination of a friction textile and velcro under the cushion makes it compatible with all existing wheelchairs on the market.



Seat width
35-55 cm



Seat depth
35-50 cm



Cushion height
6 cm



Ready for use



Pressure-distributing



Stabilizing

Netti® Dry



- Easy Care textile
- Fits all cushions
- The cushions remain pressure distributive and ventilating
- Ready for use!



Seat width
25-60 cm



Seat depth
30-55 cm



Maintenance



Ready for use

PROPERTIES OF THE NETTI BACK CUSHIONS



- + Soft foam ensures good sinking in and pressure distribution.
- + The unique design ensures freedom of movement of the shoulders.
- + Freedom of movement of the arms due to low side supports.
- + Breathable cover 3D
- + Plenty of room for the hips to ensure a stable sitting position.
- + 10, 12, 17 cm side support – depending on type of cushion.
- + Ergonomically designed and carefully placed lumbar support for greater upper body stability.



Two rear flaps with velcro that hold the pillow so it does not change its position. This makes the chair look chic also from behind. Integrated storage bag The lower flap can be folded down to cover the gap between the back and seat cushions.

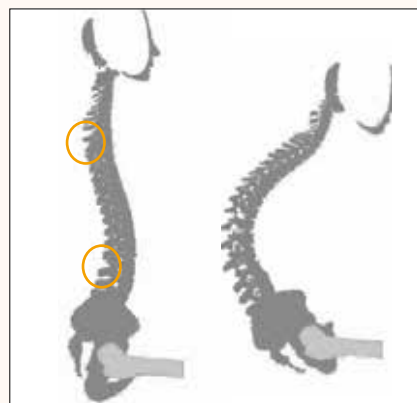


There is a measurement system with six crescents at the back of the backrest. This ensures that the cushion can be re-placed correctly and easily by a helper when the cushion was removed to be washed, for example.



If you already have a 50 cm cushion, it is enough to buy a 60 cm cover and a backrest extension. This makes the handover of the chair to new users easy and economic. Netti Smart, Netti Stabil und Netti Super Stabil are supplied with a 60 cm high backrest.

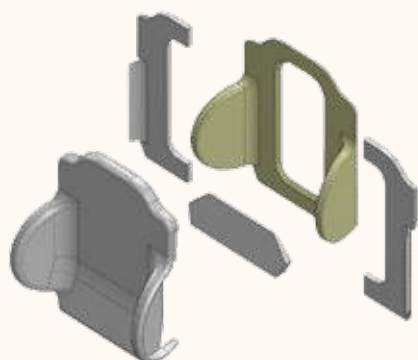
Netti® Kyphotic



- Always ready to use!
- For users with curved spine
- Support along the spine
- Multiple foam layers – increased sink-in
- Low lateral supports
- Can be individually fitted step less in height
- The backrest cushion in combination with the velcro straps gives opportunity for a more upright seating position. This allows better nutrient absorption, respiration and increased activity level.
- Height 50 cm (can be customized if needed)



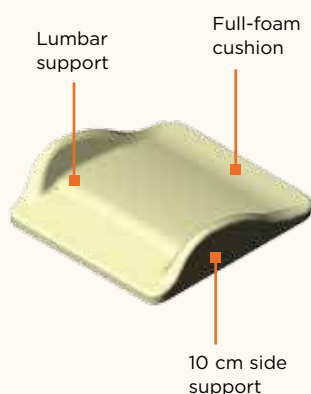
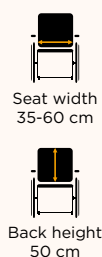
- + Ergonomically designed to follow the curvature of the kyphosis. The middle part has a cut out section to provide maximum pressure relief of the spinal curve.
- + Low lateral supports with ventilating 3D textile. The low lateral supports ensure comfort and freedom of movement for shoulders and arms.
- + The lower part of the base is removed so that the cushion can be placed right next to, and aligned with the seat cushion.
- + Unique design ensures freedom of movement for shoulders.
- + Multi layered core of foam (PU) with pressure relieving properties. MARS textile/fabric with excellent ventilating and elastic properties.
- + Elastic fabrics ensure that the user can sink into the cushion and take advantage of the good pressure distributive properties.
- + Designed to provide support for the lower part of the spine and its curvature.



Netti® Uno Back



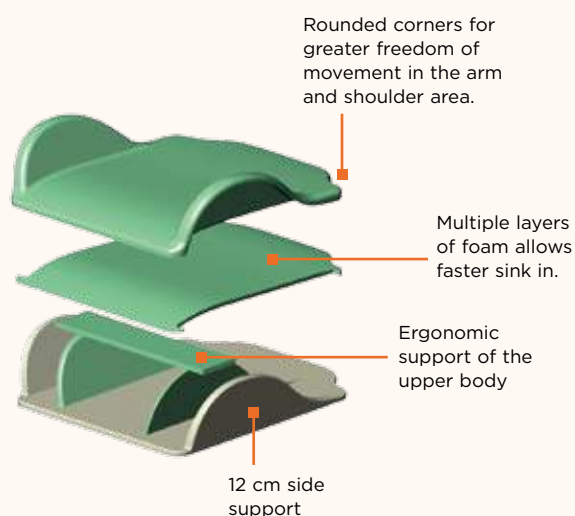
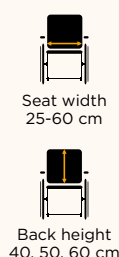
- Ready to use!
- Good and firm back cushion with lumbar support.
- 10 cm side support
- Individually height-adjustable
- Backrest height 50 cm
- Breathable 3D or wipeable Easy Care cover.



Netti® Smart



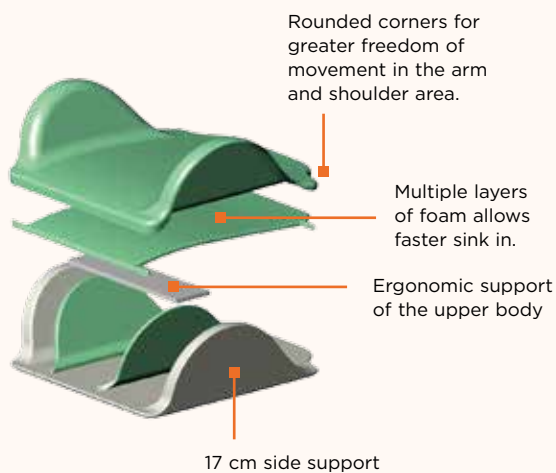
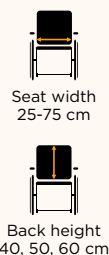
- Ready to use!
- For users who need much comfort
- Several layers of foam for more comfort
- Ergonomic lumbar support
- 12 cm side support
- Individually height-adjustable
- Backrest height 50 or 60 cm.
- Backrest height 40 cm for Netti Mini (Available in black and black/red)
- Plenty of room for the back
- Breathable 3D or wipeable Easy Care cover.



Netti® Stabil



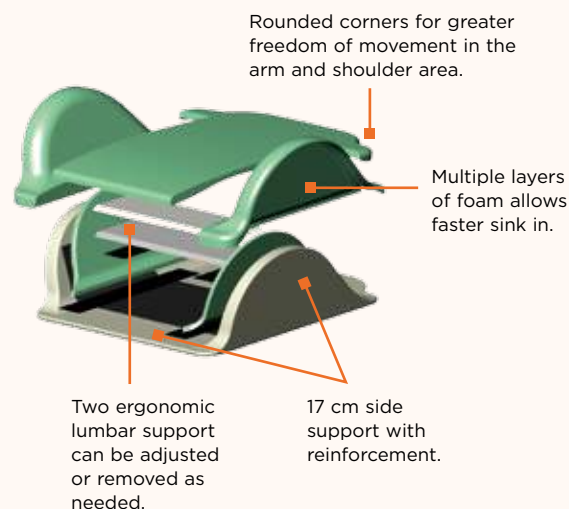
- Good individual adaptation options
- For increased comfort and well-being
- Multiple layers of foam allows faster sink in.
- Good lumbar support
- 17 cm reinforced side support for greater stability
- Works well in combination with side support Stable
- Individually height-adjustable
- Backrest height 50 or 60 cm.
- Backrest height 40 cm for Netti Mini (Available in black and black/red)
- Breathable 3D or wipeable Easy Care cover.



Netti® Super Stabil



- Ready to use!
- For more comfort and stability
- Multiple layers of foam allows faster sink in.
- 17 cm side support for more stability
- Works well in combination with side support Stable
- Individually height-adjustable
- Backrest height 50 or 60 cm.
- Comes with two pads for adjustment of lumbar support and side support as well as adaptation for light scoliosis
- Breathable 3D or wipeable Easy Care cover.



RAMPS

Alu Rehab offers a wide range of wheelchair ramps, which can be used safely by the user and companion due to their anti-slip surface. They are made from aluminium, easy to install and can carry a weight of up to 300 kg.

SINGLE-FOLD RAMP - EASY TO FOLD



The ramp is folded in half and is easy to transport. It is 80 cm wide and has a continuous running surface.

The ramps are the lightest on the market and available in lengths of 61, 92, 122 and 152 cm.

All ramps are made from aluminium with an anti-slip surface of the highest quality.



Ramp width
80 cm



Ramp length
61-152 cm



Max load
300 kg



Weight
4,5-10 kg

MULTI-FOLD RAMP - THE INNOVATIVE RAMP



With a new, patented hinge, which allows you to split the ramp into two separate tracks if required. This way optimum stability is achieved when the ramp is carrying its maximum load. The ramp can be folded and transported like a normal suitcase, which facilitates storage and transportation.

All ramps are manufactured from aluminium and have a top-quality anti-slip surface. Its width of 80 cm is ideal for wheelchairs. Available lengths: 152, 183, 213, 244, 305 and 366 cm.



Ramp width
80 cm



Ramp length
152-366 cm



Max load
152-213 cm, 300 kg
244-366 cm, 250 kg



Weight
13,6-33,3 kg



YOUR NETTI KNOWLEDGE CENTRE

THIS IS HOW MEASUREMENTS ARE TAKEN FOR THE WHEELCHAIR



A correctly fitted wheelchair is important to enable the user to maintain participation in the activities of everyday life as much as possible. A wheelchair is a means of transport, primarily intended to compensate for the loss of the walking function. The user of a comfort wheelchair sits a daily average of 8-10 hours in a wheelchair. For this reason it is important that the wheelchair offers good driving characteristics and maximum sitting comfort as well as the possibility to switch between activity and rest. The following section explains how to find the right wheelchair.

A) HIP WIDTH/SEAT WIDTH

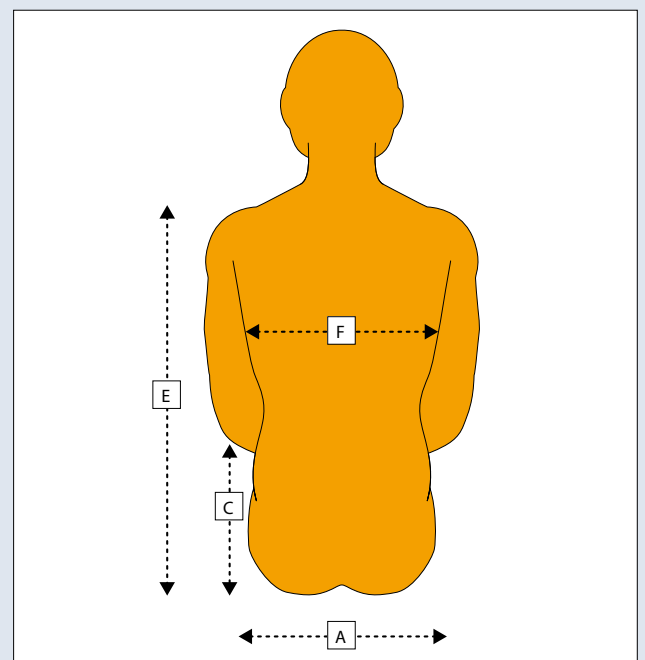
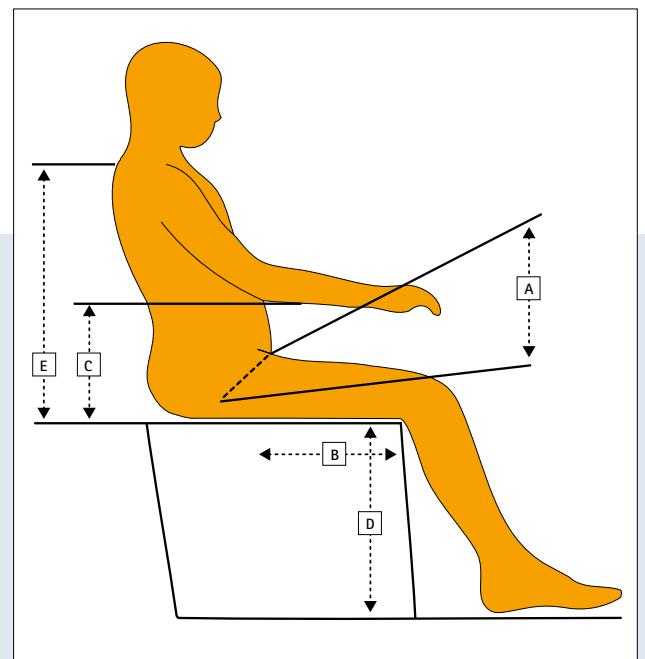
Taking the right measurements is important in order to ensure stability of the pelvis and hips. The wheelchair must be as narrow as possible to ensure a good sitting and driving position.

The seat width is measured in a straight line across the widest part of the hips in a seated position. Add 2-3 cm. Important: Please keep in mind that the specified seat width for Netti I, II and III wheelchairs includes the distance between the seat cushion and skirt guard. This corresponds to 2-3 cm, which should be added.

B) THIGH LENGTH/SEAT DEPTH

When correctly measured, optimum contact area is achieved and at the same time it prevents the user from sliding out of the chair.

The thigh length is measured from the rearmost point of the buttocks to the hollow of the knee. Then about 3 cm or 2 finger widths are subtracted so that the calf





is not in contact with the seat cushion in front. If the chair is to be foot-propelled, a few more centimetres are subtracted. For different leg lengths the measurements are taken on the shorter leg. If the user suffers from a contracted knee joint, it must be ensured that the calf does not touch the seat cushion or the underlying frame structure.

C) ARMREST HEIGHT

When sitting for long periods, strain is put on the back muscles and one feels the need for relief. The correct height of the armrest provides a good sitting position and a change in the sitting position.

The height is measured from the bottom of the elbow to the seat cushion. Make sure the shoulders are relaxed.

D) LEG LENGTH/SEAT HEIGHT

When correctly measured, the pelvis is stabilised, pressure evenly distributed and the distance between the foot support and cushion correctly adjusted.

The leg length is measured vertically from the hollow of the knee down to below the heel. Important: The shoes worn by the user every day must be included in the measurement. The seat height will depend on whether the user can move the chair with their legs or use the foot supports. If the user intends to propel the chair with their feet, the height of the wheelchair seat could be 2-3 cm lower than the measured leg length. If the user intends to use the foot supports, the seat height of the wheelchair could be 4-5 cm higher than the measured leg length.

E) BACKREST HEIGHT

The backrest height is measured from the seat to under shoulder-blade in the seated position. All Netti wheelchairs can be supplied with several types of back cushions in different backrest heights of 40-60 cm. All Netti wheelchairs have a velcro backrest for individual height adjustment of the back cushion.

If the user manoeuvre the wheelchair with the arms, the back cushion must not impede the movement of the arms and shoulders. The correct backrest height also provides for greater comfort and supports the back. The Netti back cushions allow enough space for arm movements.

F) TRUNK WIDTH

The trunk width is measured horizontally at the level of the lower tip of the scapula. This measure is to evaluate the required distances between the integrated side supports of the back cushion. The goal is an optimal trunk support.

Avoid too narrow trunk width, as this can cause pressure ulcers. If the distance is more than 3 cm per side you can use a spinal wedge to secure the stability.



OPTIMUM SEATING COMFORT

THE 7 NETTI PRINCIPLES

Following is an overview of the key points and a brief introduction to how potential problems can be solved within each topic. There is no sitting position that is always good. We must keep moving, also when we are sitting. A good sitting position is the best foundation for activity. It is important that the wheelchair matches the user and their individual needs – for activity purposes and for much-needed rest/relaxation

1) STABILITY FOR THE PELVIS



- Together with the cushion, the basis of the seat unit must ensure the stability of the pelvis.
- Stabilisation on the sides and in front of the sitting bones (sitting problems) with a stabilising seat cushion.
- Stability can be improved with accessories such as comfort pads, abduction strap and abduction block.

2) PRESSURE DISTRIBUTION AND MICROCLIMATE



- Pressure distribution is achieved when the weight is distributed over a large as possible area. Without compromising stability.
- A breathable cover and a temperature-stabilizing material ensure a good microclimate, strengthening the skin and the resistance of the underlying tissue against external forces, to prevent pressure ulcers.

3) LUMBAR SUPPORT



- It is important that the back of the wheelchair provides enough space to the buttocks for proper lumbar support.
- Flexibility in height and depth is important due to the fact that the lumbar curve differs from person to person.
- The upper sacral bone (sacrum) must be supported. This is done by the shape of the cushion and the strap system in the velcro backrest.

4) SIDE SUPPORT



- Limited body stability requires a larger and more stable side support.
- A too large support, however, has an inhibitory effect on the user.
- The pelvis must be stable for the side support to have maximum effect.

5) SUPPORT OF THE FOOT



- The height and positioning of the foot supports has a direct effect on the sitting position and pressure distribution.
- It is important that the foot supports are adjustable in order to ensure the stability of the upper body.

6) SUPPORT OF THE ARMS



- In the long run the muscles of the spinal column become tired. Optimally adapted armrests help the user to straighten up and maintain their sitting position and balance.

7) VARIATION AND HEAD CONTROL



- To sit in the same position for hours is very stressful for the body. It increases the risk for that the user collapses, and end up in a bad position.
- The wheelchair must give the user the possibility to change position, and so relieve the muscle groups and distribute the pressure.
- If the tilt function is used, a functional head support, of which the height, angle and depth is adjusted correctly, is important. This prevents inappropriate sitting positions.
- The right choice of seating system and accessories prevent the user from sliding or falling forward over time.

MY NETTI TV

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BY ALU REHAB



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EXAMPLES OF CONFIGURED CHAIRS

Our guiding principle is that the wheelchair must be adapted to the user and not vice versa. For the respective countries and markets we supply a flexible standard configuration that fits most wheelchair owners. Since we are not all equal, we specialise in customized solutions. Here are some examples of customized solutions that are often supplied to selected patient groups; to give an idea of the size and flexibility of our range of chairs and accessories.

These are only a few examples of possible combinations based on a standard chair and the standard accessories used to optimise the wheelchair for the individual user. We look forward to providing you advice and assistance and to find an individual solution for every patient.

NETTI I WITH:

- Headsupport B
- Netti Stabil Back Cushion
- Bondi Coxit Seat Cushion
- Half tray
- Hip belt
- Recline of backrest – with release handle under armrest so user can adjust angle
- Universal foot support
- Easy Wheel

PATIENTS WITH PARESIS, SUCH AS HEMIPLEGIA

In hemiplegia, the patient has paralysis and restricted movement on one side of the body. Many have difficulty walking, but can still be very independent operate in terms of their ADL. A well-adapted wheelchair is crucial.

The chair we present here is optimised for maximum support and activity. He has a low seat height and an open front frame so that the user can use his leg for foot propelling. The Bondi Coxit seat cushion is ideal for users with an open and active hip angle. It simultaneously provides good support for the passive leg.

The chair is equipped with an Easy Wheel on one side. This wheel makes it much easier for the user to drive the chair, due to about 50% less muscle strength than normal required.

Depending on the user's needs and activity, the backrest can be angled forward in an active 'forward position' or backwards for rest and relaxation. The release handle for adjustment is mounted under one armrest.

This user group often needs good support of the upper body. We have therefore equipped the chair with a Netti Stabil back cushion that can be used in conjunction with our Stabil side supports for added support.

For optimum and flexible relief of the affected arm, the chair is equipped with an individually adjustable half tray.



A WHEELCHAIR THAT FITS THE USER

PATIENTS WITH MS

As the illness progresses, the patient may need a wheelchair that offers good support and comfort while allowing a high degree of autonomy.

Below is an example of a Netti III EL with special accessories. This chair has electrical controls for seat tilt, recline and foot supports.

The remote control can be attached to a holder on one armrest, allowing the user to adjust the chair during the day by themselves and so achieve the optimum pressure distribution. The Easy Wheel is installed to compensate for the increased weight of the electrical control system. This is a wheel that reduces the effort required to propel the chair by 50%. This way the user will not notice the increased weight of the chair.



NETTI III EL WITH:

- Headsupport C - large
- Netti Smart Back Cushion
- Vital Base Sit Seat Cushion
- Electrical adjustment of recline, tilt and footsupport
- EasyWheel - wheel with mechanical exchange
- Hipbelt, padded with car lock



PATIENTS WITH ALS

As this disease develops quickly, we present here a selection of accessories that are available at short notice. This group of patients often need a wheelchair that provides support, comfort and pressure relief. Not only for the buttocks and back, but for all the parts exposed to contact.

This chair has a side cushion adapted to the body weight of the user, a thicker and stronger relieving back cushion, extra upholstered armrest pads, calf pads and foot plates. The head support with side supports provides the head with good support and is also available with a brow band.

Many require additional safety, which is why we've equipped the chair with H-strap, hip belt and seat tilt limiter.

The chair has a general-purpose bracket where an oxygen machine, etc. can be attached, making the patient mobile at all times.



NETTI III HD WITH:

- Headsupport A with side-support
- Adjustable pushbow
- Vital Base Stabil Back Cushion, 60 cm high
- Vital Base Venti Seat Cushion
- Chestbelt, padded and Neopren
- Hipbelt, padded with plastic lock
- Padded armrests – top soft foam
- Comfort pads
- Adjustable footsupports with padded calf cushions, padded brackets and padded foot plate support
- Universal device box (for oxygen etc.)



TIPS FOR PREVENTION OF PRESSURE ULCERS

WHAT IS PRESSURE ULCERS:

Decubitus or pressure ulcers are a painful condition that affects many people every year, especially the older part of the population. The reason for this is primarily a restriction of movement capacity. We want to focus on this issue in the pages to follow. The factors that cause the pressure ulcers can be divided into internal and external factors. However, it is often a combination of both that causes the pressure ulcers. By paying more attention to this issue, we hope to reduce the number of pressure ulcers.

Pressure ulcers can occur in all parts of the body, but some points are more prone than others. Areas with little adipose tissue between the bone and skin are particularly at risk. Experience has shown that the following areas are particularly exposed to pressure ulcers:

- Sitting bones
- Outside of the hip
- Sacral bone
- Coccyx
- Heels
- Back of the head and ears
- Shoulder blades
- Elbows

HOW TO PREVENT PRESSURE ULCERS

In order to reduce the pressure and prevent pressure ulcers, the pressure on the exposed areas must be reduced. For wheelchair users, particularly the sitting bones are exposed.

- Distribution of weight over the largest possible area
- Extensive relief of exposed areas – particularly of the sitting bones
- Reduction of misalignment

It is extremely important that the user sinks into the cushion. This must therefore have an underlying softness and thickness, so that the sitting bones can sink in and always have pressure-relieving material under them. For this reason, all our cushions are at least 8 cm thick with a high load capacity.

HEAT/MOISTURE

The risk of pressure ulcers is reduced if one seeks to create the normal temperature and moisture conditions on the user's skin (microclimate control). Since passive users cannot significantly change their position, it is very important that fabrics can breathe when in contact with the body. Increased ventilation helps the skin to keep its elasticity and resistance, and the user can sit dry and comfortably.

Studies of the EPUAP (European Pressure Ulcers Advisory Panel) come to the conclusion that skin properties are retained the best at 28-32°C. Already at 35°C, the resistance of the skin is weakened due to effects such as pressure, and the risk of pressure ulcers increased.

- Incontinence – incontinence covers are often not breathable and retain heat and moisture.
- Cover – use breathable fabrics
- Clothing – do not use cotton as it is not very breathable
- Vary sitting position – introduce meaningful routines

Our covers are made from highly breathable fabrics with a high degree of ventilation. We use the 3D fabric made from 100% polyester as standard.

In our products Temp °C and ClimaTherm, the microclimatic properties are improved by the addition of PCM (Phase Change Material) for temperature stabilisation on the surface. This delays the increase of temperature that weakens the resistance and elastic properties of the skin and underlying tissue.

CHANGE THE SITTING POSITION

Therefore, users at risk of pressure ulcers must frequently change their sitting position. If they cannot do it themselves or even express the desire to change position, family members and nursing staff must do it for them.

It is important to familiarise yourself with the tools and the wheelchair in order to use it to actively reduce and change pressure.

COURSES AND SEMINARS

Our qualified occupational therapists and instructors run courses and seminars both locally and abroad on topics such as wheelchairs, sitting position, pressure ulcers, etc.

For more information on our courses and seminars, please do not hesitate to contact us.



IN DIALOGUE WE CREATE SIMPLE SOLUTIONS AND ENABLE JOY OF LIFE

The best innovations are often caused by dissatisfaction with existing solutions or no solutions at all. So it was with Netti wheelchairs.

In the late 1980s a group of friends on the Norwegian west coast came to the conviction: "This can be improved!" A family member was wheelchair bound and they were touched by the challenges that the family and wheelchair users faced daily. They therefore began to develop a completely new chair with sophisticated adjustments focusing on a comfortable sitting position. With mutual help and the inspiration and ideas from the family they developed a chair with innovative solutions. Through support and relief of the body the chair gave the family member a sense of well-being.

The wheelchair increased the joy of life of for the user so much that they decided to establish Alu Rehab to offer other wheelchair users the same relief and joy of life. Alu Rehab was established in 1989.

Netti by Alu Rehab now looks back on 25 years of experience with comfort wheelchairs and offers the market the

largest selection of comfort wheelchairs and accessories. The motto is still the same. In collaboration with users, therapists, doctors, engineers and designers, we want to create a comfort wheelchair with unique solutions. The many adjustment options on the chair and numerous accessories provide the perfect sitting position for every user.

THE ALU REHAB GROUP

Netti by Alu Rehab is present in Norway, Germany, Denmark, Sweden, France and China and employs about 100 people. Alu Rehab in Denmark is the European logistics centre where customer service, warehouse and finance department are based.

QUALITY SYSTEM

Netti by Alu Rehab operates according to a precisely defined quality system to constantly innovate and improve. The company is certified according to ISO 9001 and ISO 13485 for medical devices. All our chairs carry the CE marking.



BIRTHE SPIERTZ



IMPRESSIONS FROM THE HOME OF NETTI



LOTTE RASMUSSEN



DENMARK

NORWAY

CHINA



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COMBINATIONS
ALL DESIGNED
TO FIT YOU



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