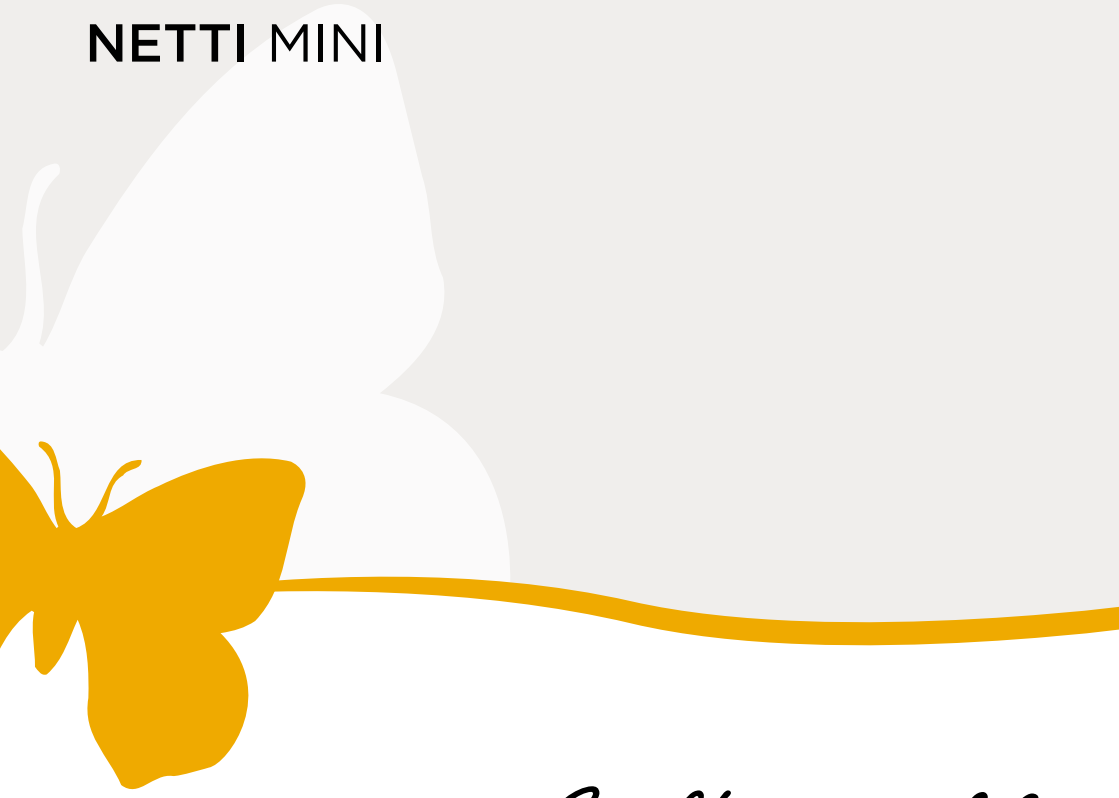
Netti® MINI FAMILY
COMFORT

Netti®
BY ALU REHAB

USER MANUAL

NETTI MINI



CE This product confirms to 93/42/EEC for medical products.

Enable joy of life

My-Netti.com

CONTENTS

1. INTRODUCTION

Netti Mini is a comfort wheelchair for children meant for both indoor and outdoor use. It is tested to DIN EN 12183:2014. The tests were carried out by TÜV SÜD Product Service GmbH in Germany. Netti Mini is crash tested and approved for being used as a seat in a vehicle according to ISO 7176-19:2008 by Millbrook Proving Ground, Bedford UK.

In Alu Rehab we believe that wheelchairs should be chosen based on a thorough assessment focusing on the needs of the user and demands from environment. Children grow quickly and for that reason we have created Netti Mini with many adjustment and adaptation. It is a wheelchair that is easy to adjust over time as the child grows, providing an ergonomic sitting environment for the child.

Max user weight: 90 kg.

⚠ **Max user weight when used as seat in a vehicle: 75 kg**

⚠ **When mounting accessories such as power kit etc, the weight of the accessories must be subtracted from the max user weight.**

ⓘ **Specifications varies between countries**

1.1 AREAS OF USE/INDICATIONS FOR NETTI MINI

Netti Mini is a multi-function wheelchair for partially or fully immobile persons with physical and/or mental disabilities. These disabilities may have multiple causes. Netti Mini has an adjustable seat and back angle, thus facilitating for the user change of position, mobilisation or posture correction (stabilisation), wherever the following functional impediments with their multiple possible causes are present:

- limited or lacking mobility
- limited or lacking muscle power
- limited movement range
- lacking or limited trunk and body stability
- craniocerebral injuries
- other neurological disorders.

If our standard solutions does not cover you needs, please contact our customer service for Netti customized solutions.

1.2 CONTRA INDICATIONS

With strongly muscular spasticity we recommend the Netti Dynamic S which offers a frame construction that follows the movement pattern of the user.
Ignoring this advice could in unfavourable circumstances lead to the deformation or fracture of metal parts in the area of the back tube, the leg rests or the arm rests.

1.3 QUALITY AND DURABILITY

The Netti Mini wheelchair is tested at TÜV SÜD Product Service GmbH in Germany, following the European Standard DIN EN 12183:2014. As manufacturer, Alu Rehab A.S evaluates the test to be equal to 5-6 years of normal use of the chair. The disability of the usage as well as the level of maintenance done foremost decides the durability of the wheelchair. Thus, the durability will vary depending on these two factors.

1.4 THE ENVIRONMENT AND WASTE DISPOSAL

Alu Rehab and its suppliers wish to protect the environment.

This means:

- That we avoid using environmentally harmful substances and processes to the greatest extent possible.
- That Alu Rehab's products are ensured a long service life and a high degree of flexibility - to benefit the environment and economy.
- That all packaging can be recycled.
- That the wheelchair was designed to be separated into its component materials - to make recycling easier.

Contact your local recycling agent to get correct information how to handle in your area.

TEMPERATURE RANGE

Netti Mini wheelchair is designed for temperature range of -10°C to +40°C

1.5 INFORMATION FOR RE-USE

All products from Alu Rehab are designed to give years of maintenance-free service. All products can be adapted for re-use by an authorised dealer. In order to guarantee performance and safety, Alu Rehab recommends the following tests prior to any re-use.

Please examine the following components for function, integrity etc. and replace parts if necessary:

- Wheels (tyre tread)
- Wheelchair frame
- Front castors and quick release
- Hubs
- Brake function
- Directional stability of wheels
- Bearings: test for wear and lubrication.
- Cushions
- Leg supports
- Arm supports
- Recline/tilt function
- Push bar / handles
- Anti tip

For hygienic reasons: please replace the head support for a new user.

Please also note the contents of Section 10.2 Cleaning and care

ANTI-TIP

Correctly fitted, the anti-tip will secure the chair from tipping backwards.
We strongly recommend the use of the anti-tips.

1.6 ABOUT THIS MANUAL

In order to avoid damages while using the Netti Mini wheelchair, please read this manual carefully before starting to use the chair.

Symbol of forbidden actions. No warranty can be claimed whenever these actions are implemented.

Symbol of warning. Whenever this symbol is used, caution has to be taken.

Symbol for important information.

Symbol for useful tips.

Symbol for tools.

Symbol for: Max safe slope for hand brake.

Symbol for: Max user weight.

Please note that this manual is updated according to the year and date stated on each page.

User Manual on web

For enhanced readability (advantageous for users with visibility challenges) please find our user manual om our web page: www.My-Netti.com - manuals - user manual Netti Mini.

Latest user manual updates, product safety notes, addresses and other product information like recalls etc. will be published on our web page.

1.7 VITAL MEASURES

Netti Mini is a comfort wheelchair designed for both outdoor and indoor use.
Min. dimensions in table refer to seat width 250 mm. Max dim refers to seat width 350 mm.

Total weight:
26,5 - 27,2 - 27,9 Kg
dependent on seat widths.

Seat width:
measured between outside of frame tubes:
250, 300 & 350 mm

Seat depth:
From front of seat plate to chair back hinge **315 - 375 mm**

Seat height:
From floor to top seat plate using 22" main wheels in upper hole position:
415 mm*
*By changing position of main wheels and / or changing wheel dimensions, it is possible to achieve seat height
340 mm to 470 mm.

Backrest height:
(Measured from seat plate to top back cushion
400 mm
* Using back rest extender gives 100 mm plus.
*** Least stable and most stable refers to the positioning of the anti-tippers. Always use anti-tippers driving uphill.

Tilt range 35°
Recline range 35°
Min stable / max stable refers to position of anti-tippers.
* test was stopped by 15°

Specification	min.	max.
Overall length with leg support and push bow	786 mm	798 mm
Overall width	506 mm	605 mm
Height without head rest	870 mm	870 mm
Folded length	730 mm	730 mm
Folded width	399 mm	499 mm
Folded height	513 mm	513 mm
Total mass ex all supports	24,4 kg	25,2 kg
Mass heaviest part -frame	17,2 kg	17,8 kg
Mass heaviest component, leg support	2,3 kg	2,4 kg
Static stability uphill	0°	15°*
Static stability downhill	9°	15°*
Static stability sideways	0°*	15°*
Seat plane angle	-7°	23°
Effective seat depth	315 mm	375 mm
Effective seat width	250 mm	350 mm
Seat surface height at front	415 mm	445 mm
Backrest angle	87°	120°
Backrest height	400 mm	500 mm
Foot plate to seat distance	240 mm	350 mm
Leg to seat surface angle	62°	158°
Arm support to seat distance	200 mm	260 mm
Front location of arm support structure	280 mm	325 mm
Push rim diameter - 22" wheel	480 mm	
Horizontal axle location	-60 mm	60 mm
Parking brake - safe slope	-	8°
Minimum turning radius	570 mm	580 mm

Measured without cushions

Specifications varies between countries.

2. QUICK REFERENCE

The content of this page is a summary of the whole manual. It gives you a brief introduction to the use and care of the Netti III wheelchair.

The quick reference is not a replacement for the manual, only a reminder/check list.

- Unpack the wheelchair (Chapter 6.1)
- Mount the main wheels (Chapter 6.2)
- Mount the front castors (Chapter 6.4)
- Push the back rest back, and mount the recline gas strut to the back rest using the locking bolt. (Chapter 6.7)
- Mount the arm supports (Chapter 6.11)
- Mount the cushions (Chapter 6.12)
- Mount the leg supports (Chapter 6.14)
- Adjust the push handles (Chapter 6.16)
- Mount the head support (Chapter 6.15)
- Mount and adjust accessory, belts and harnesses. (See chapter 5. for more information. Mounting descriptions will follow the accessory.)

Adjust the wheelchair to the user: Adjust seat depth and eventually the wheelchair balance, leg support height, armrest height, head support height and depth, chair back cushion height.

For troubleshooting, see chapter 10 For adjustments see chapters 6.

Announcements to product safety and eventually product recalls will be published on our home page www.My-Netti.com

Drive carefully!

Be aware that friction against push-rims can create a warm surface.

Salt water can increase risk of corrosion. Further precautions related to environmental conditions not needed.

When the chair is tilted rearwards, the anti tips and brakes must always be in use.

Be sure to lock all handles properly.

The anti-tips should always be used for the safety of the user.

Watch out for pinching danger when folding and unfolding, tilting, reclining and all other adjustment movements.

Surface temperature of metal parts in frame structure might increase when exposed to direct sunlight.

Never stand on the foot plates due to risk of tipping forwards.

Never lift the wheelchair by the leg supports, arm supports or head support.

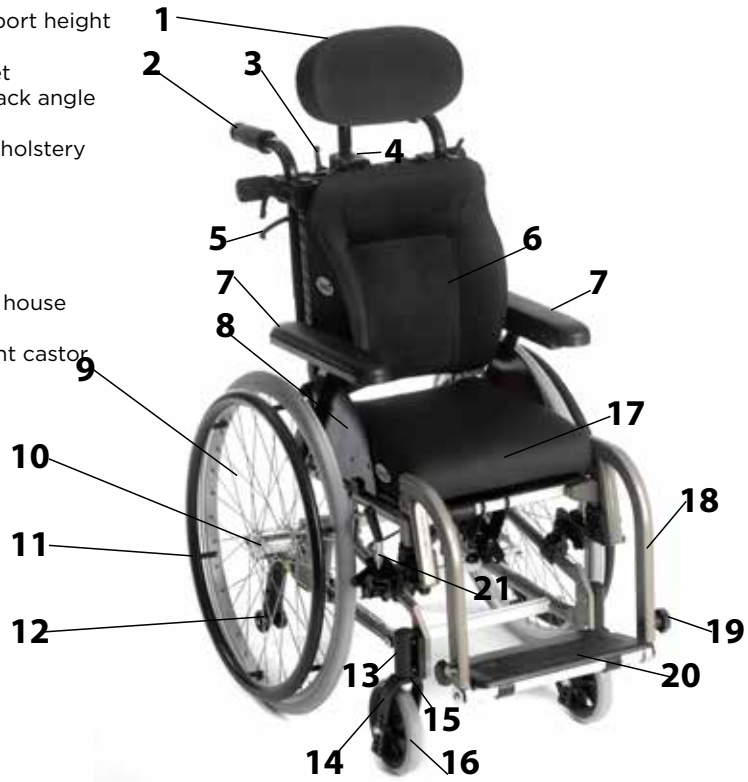
Product configuration may vary between different countries.

For visually impaired people, manuals and catalogues can be downloaded at www.My-Netti.com

If in doubt - contact your dealer!

3. DESCRIPTION

1. Head support
2. Push handle
3. Handel for head support height adjustment.
4. Head support bracket
5. Release handle for back angle
6. Back cushion
7 Arm support with upholstery
8. Cloth protector
9. Main wheel
10. Quick release axle
11. Push ring
12. Anti tip
13. Front castor bearing house
14. Front fork
15. Quick release for front castor
16. Front castor
17. Seat cushion
18. Leg support
19. Leg support height adjustment knob
20. Foot board
21. Brake



*** Be aware that specifications may vary between countries.**

If any of these parts are missing, please contact your dealer.

For complete information, please contact your dealer.

4. FEATURES OF NETTI MINI

STANDARD

SEAT-
- Cushion with good pressure distributing properties
- Tilt -7° to +23°
- Adjustable height 395 mm to 470 mm by change of wheel size and position
- Adjustable depth of 100 mm

WHEELS*
- 22” x 1” Puncture proof main wheels with quick release axle
- Push rim: Aluminium
- 6” Puncture proof front castors with quick release axle

Standard main wheels may vary between countries.

PUSH HANDLES
- height adjustable, swingable, removable.

BRAKES - Netti Mini - User brakes

ANTI-TIP
- Height and length adjustable - swingable

BACK REST
- Angle: 87° - 120°
- Height: 380 mm
- Back rest cushion with integrated lumbar support and side support, height adjustable

LEG SUPPORT
- Angle adjustable with height adjustable foot board

ARM SUPPORT
- Height adjustable and removable
- Depth adjustable pads

HEAD SUPPORT A-MINI
- Height, depth and angle adjustable
- Removable

OPTIONS /ACCESSORIES

- Trays & reading stand for trays (See chapter 5)
- Hip belts and H belts (See chapter 5)

WHEELS
- Puncture proof wheels (See chapter 5)
- Wheels with drum brake (See chapter 5)
- Wheels with one hand drive (See chapter 5)
- Camber angle: 2° or 4°
- Pneumatic front castors (See chapter 5)
- Spoke protectors (See chapter 5)
- Push rims (See chapter 5)

BRAKES - Drum brakes

BACK REST
- Back rest extender (See chapter 5)
- Lumbar support and Wedge (See chapter 5)
- Back rest cushions - different models

LEG SUPPORT
- Angle adjustable leg support with calf supports and foot plates
- Amputation support
- Knee and thigh support (See chapter 5)

ARM SUPPORT
- Different pads (See chapter 5)

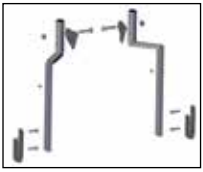
HEAD SUPPORT
- Different models (See chapter 5)

5. ACCESSORIES

The anytime updated complete accessory program is found on our web page www.My-Netti.com- order forms.

Belts
Several models:
H-belt and hip belts with or without upholstery and with plastic lock or car lock. (See chapter 5.1 for mounting.)

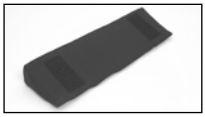
H-Belt attachment bar
To be mounted onto separate bars or to the push handles.
Comes in two sizes with telescopic bar.
(See chapter 5.2)



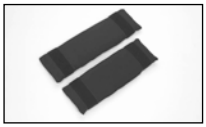
Trays
3 models:
Swingable, lockable and standard “push on” model.

Upholstery for tray
Offers a soft base for the arm resting on the tray.

Wedge
Increases side support.



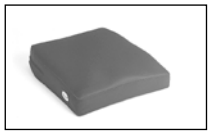
Lumbar support
Increases lumbar curvature.



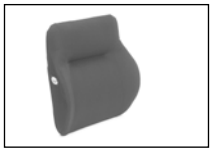
Brake extenders
90 mm
120 mm
250 mm

Vital Base Integral
Pelvic stabilizer.

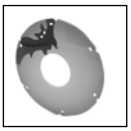
Seat Cushions
Many to choose from.
Please contact your dealer.



Back rest Cushions
Many to choose from.
Please contact your dealer.



Spoke protectors
For 20”, 22” and 24”.
Black or transparent is optional.



Foot box
Upholstered

Leg supports:

Angle adjustable HD

Universal
Adjustable in fixed positions between 33° to 105° using an adjustment wheel.

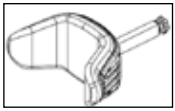
Amputation support

Knee / Thigh support
The support reduces adduction.

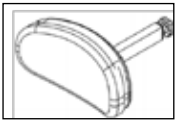
Abduction block
The block reduces abduction.
Mini: 60 mm width
Small: 80 mm width
Medium 110 mm width
Large: 140 mm width

Head supports

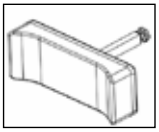
Support A Side support also available with forhead strap



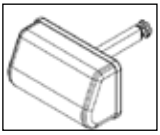
Support B Small



Support C Large



Support D comfort pressure distributive



Support E adjustable side supports

Support F with cheek/chin support band

Hygiene cover
Protects the core of the head support.

Head cushion Comfort
Cushion with Kospoflex filling to pull onto head rest.

Back rest extender
120 mm extender.
To be used together with 400 mm back rest cushion.

Arm support pads
Wide: 415x80 mm
Long: 445x70 mm
Long/Wide: 525x80 mm
Short: 333x58 mm
Standard: 385x58 mm
Arm support pad bended

Hemi arm support
Offers extra support for the affected arm. Can be set in fixed positions.

Side support Correction
Meant for correction of bad postures in the upper trunk.

Upholstery for side support

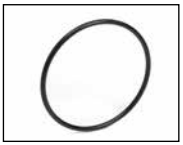
Comfortpads
for cloth protectors.
Width 25 mm

Tool set

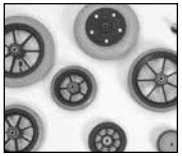
Model: Netti Mini
Language:English Version: 2017-11

Main wheels
available in sizes: 12”, 16”, 20”, 22”, 24”. Puncture proof Flexel or PU or pneumatic. Inflation pressure is clearly marked on pneumatic tyres.

Push rims Aluminium:
20”, 22”, 24”



Front castors
Sizes available: 3”, 4”, 5”, 6”, 7”.
Castor available in PU puncture proof qualities or pneumatic.



Front forks
Standard w/ axle
Long w/ axle
Short w/ axle
Wide w/ axle
Long/Wide w/ axle

Frame extender
Increases distance between main wheels and front castors. Reduces tipping risk.

The anytime updated complete accessory program is found on our web page
www.My-Netti.com- order forms.

Please see www.My-Netti.com for continuously updated overview of belts and harnesses and installation instructions.

6. ASSEMBLING AND ADJUSTING

6.1 UNPACKING

1. Unpack all the parts, and check that everything is there according to the packing list.
2. Mount main wheels and front castors.
3. Mount back rest, arm supports, cushions and leg supports.
4. Mount accessories.

Weight of components (300 mm chair width):

Main wheels:	2,1 kg each
Front castors:	0,6 kg each
Leg support angle adj.:	2,1 kg incl foot board
Mini Back Cushion:	0,5 kg
Mini seat cushion:	0,6 kg
Head support Mini:	o,7 kg
Arm support:	0,9 kg

Necessary tools are described under each chapter. Accessories described in chapter 5 is a presentation of options, and will be delivered with separate mounting descriptions.
When seating and wheel adjustments are done in the possible positions by standard equipment, the adjustments will not exceed safe limits.

6.2 MAIN WHEELS

To mount the main wheel remove the quick release bolt from the hub bushing, lead it through the centre of the main wheel and into the hub bushing while pressing the knob in centre.

To check that the main wheel is properly attached to the hub, remove the finger from the central knob and pull the main wheel.

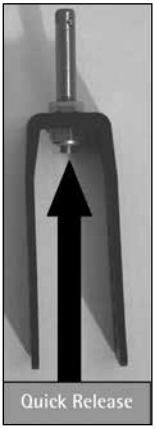
If the main wheel does not lock, do not use the wheelchair but contact your dealer.

Sand and sea water (salt used for gritting in the winter) can damage the bearings of the main wheels. Clean the wheelchair thoroughly after exposure.

6.3 FRONT FORK

Front forks come as standard with quick release axles. The front fork is easily removed by pressing the knob in centre above the wheel.

Check angle of castor bearing house. (See chapter 6.5).



6.4 FRONT CASTORS

To take of

• Press the release button under the front fork.

To mount

• Lead the quick release axle into the bearing house. Pull the fork slightly to ensure that the fork is fully locked.

⚠ **Sand and sea water (salt used for gritting in the winter) can damage the bearings of the front castors. Clean the wheelchair thoroughly after exposure.**

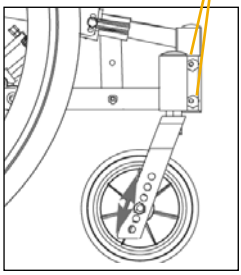
6.5 SEAT HEIGHT AT THE FRONT

The seat height depends on:
• Size of front castors.
• Size of front fork.
• Check the angle of the castor bearing house.

In chapter 5 the overview shows that you can choose between several models of both front castors and front forks. To change the height of the front castors - unfix the wheel and replace it in the required position in the front fork.

Angle of bearing house

Correctly adjusted angle of the front fork is important to achieve proper manoeuvring qualities of the wheelchair. Unfix the two screws on the inside of the frame enough to adjust the eccentric nuts. Angle the bearing house, so that it is 90° relative to the ground.
Tighten the screws with 16 Nm



1 pc 5 mm Allen key

⚠ **The bearing house can not be adjusted in height.**

⚠ **Check and adjust the position of the anti tip if necessary.**

6.6 SEAT HEIGHT AT THE REAR

The seat height at the rear depends on:
• Size of main wheel.
• Position of main wheel.

Main wheel

If it is necessary to change the main wheel or its position, unfix the hub bushing, including washer and nut, and mount it in required position in the main wheel bracket.

If the new main wheel position comes in conflict with the horizontal frame profile, move this profile to a free hole in the wheel bracket.

2 pc 24 mm open-end spanner

⚠ **Make sure that the nut on inside of frame totally wreathes the wheel bushing.**

⚠ **When the seat height is changed make sure that the bearing house of the front castors are adjusted vertical to the ground.**

⚠ **The risk for tipping increases when the main wheel is moved forward in the main wheel bracket.**

⚠ **Check the position of anti tip.**

⚠ **Readjust the brakes. (See chapter 6.17).**

⚠ **Readjust the angle of the bearing house. (See chapter 6.5)**

6.7 BACK REST

- Unfold and lift the back rest up and fit the gas strut into the bracket.
- Secure the back rest by pushing the locking bolt in from the side, through the bracket and gas strut head.

6.8 ADJUSTING THE SEAT DEPTH

The seat depth can be adjusted both in the back and in the front of the seat. Adjustments are done to give the user a comfortable seating position with proper lumbar support while the knee joint is aligned with the leg support knee joint. By adjusting the seat depth the chair balance and the driving characteristics may change. **A well balanced chair is easy to drive without easily tipping backwards.** Always start with adjusting the seat depth backwards, then adjust the leg support fixing bracket to make the leg support knee joint align with the user knee joint. If necessary, the driving wheel position also needs to be change.

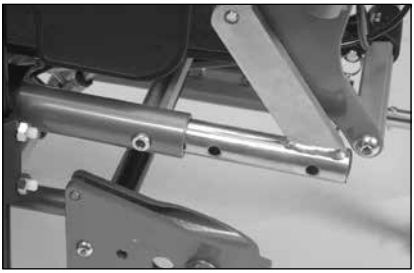
Adjusting the seat depth:
- Remove leg and head support
- Adjust the seat plate to horizontal position
- Open the back angle a few degrees for more easy access.
- Have the user sit back as far as possible.
- Adjust the height of the back cushion until the lumbar support fits the user.
- Lift the back angle to a comfortable position.

ⓘ **If the seat depth is correct adjusted the distance between the seat cushion and the calf shall be ca 30 - 60 mm. If the user shall walk the wheelchair, the distance must be at least 60 mm.**

6.9 ADJUSTING SEAT DEPTH AT THE REAR

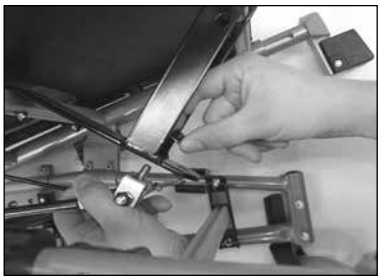
- The seat depth can be adjusted in 3 steps (325- 350- 375 mm) without change of parts.
- Fine adjustments are done by adjusting the Velcro in the chair back. (see chapter 6.14)

Adjusting the seat depth at the rear:
- Unlock the tilt cylinder by first tilting the seating unit as far forward as possible.
- Pull out the locking bolt for the back and lay the chair back forward on the seat.
- Remove the screw at the back hinge and push the back forward or backwards to desired position. Pay attention that it is the same hole used on both sides.
- Fix the back hinge screws firmly again.



When adjusting the seat depth at the rear, the screw in the backrest hinge must be tightened with 14 Nm

• When changing the position of the back rest hinge, also remember to change the position of the gas strut under the chair. When the back rest hinge is set in the shortest position, the gas spring is placed in the front hole. Check that the chair back angle is ca 90° when the back cylinder is in its end position



6 mm Allen key
13 mm open-end spanner

If the user requires another back rest angle than what is standard, it is possible to change the position of the gas strut in three positions under the chair in front.

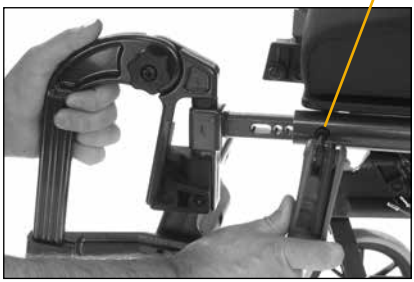
When changing seat depth, you also change the tipping point of the chair. This can be prevented by changing the position of the main wheel in the main wheel bracket.
(See chapter 6.6).

Adjust anti-tippers accordingly - chapter 6.10

6.10 ADJUSTING SEAT DEPTH AT THE FRONT

It is possible to adjust the seat depth up to 100 mm at the front. By restless users the extension piece should not be pulled out more than 50 mm. Do the following:

- Unfix the screw holding the extension piece for the leg support.
- Set the extension piece to the required position.
- Fix the screws, tighten them with 25 Nm



6mm Allen key

By setting the extension pieces to different positions, it is possible to compensate for a rotated pelvis or different length of thighs.

6.11 ANTI-TIP

- Adjust the anti-tip so that it does not stick outside the radius of the wheel.
- Pull the anti-tip out / rearwards from chassis.
- Turn it down 180°.
- Lock it in position by moving forwards with the spring tension.

The anti-tips are delivered adjusted according to ordered main wheel size in standard position. If other adjustments are carried out, anti-tips have to be adjusted accordingly.

By major changes the type of anti-tips may have to be completely changed.

Adjusting anti-tip

The anti-tips must be adjusted whenever the position or dimension of the main wheels are changed.

Correctly adjusted anti-tips should be positioned just on the inside of the radius of the main wheel. Anti-tips are adjusted as follows:

- Unfix the locking clamp on the anti-tip bar using an Allen key.
- Pull or push the bar to required position.
- Fix the locking clamp.
- Repeat the procedure on the opposite side.

Check: ca 200 -220 mm from centre main wheel to centre anti-tip wheel.

6 mm Allen key

Check that both anti-tips have the same length. The gap between the anti tip wheels and the floor must be 20 - 30 mm.

The height of the anti-tip wheels is adjusted by unscrewing all the screws on the anti-tip vertical leg. Pull or push to desired distance from floor - ca 20-30 mm and refix the screws.

If the anti-tip is positioned on the outside of the main wheel radius, it will interfere with curbs and stairs.

The anti-tip should always be used for the safety of the user.

6.12 ADJUSTING ARM SUPPORTS

• The arm support height is adjusted by unscrewing the bolt with star wheel under the armrest pad. Pull or push the arm support to desired height and fix the bolt again.

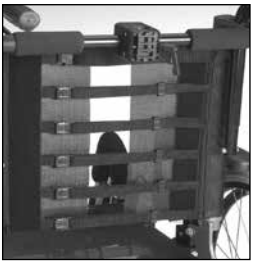
6.13 CUSHIONS

Cushions are fixed and adjusted on the wheelchair using the Velcro.

It is imperative to correctly set-up the cushion in order to ensure good seating comfort

The cushion covers are washable and thereby reusable. Follow the instruction on the back of the cushion for correct maintenance and washing of the cushion.

6.14 ADJUSTING THE VELCRO BACK



- Loosen the straps, and place the back rest cushion so that user gets room for the bottom and the integrated lumbar support in correct position.
- Tighten the straps so that they follow the curvature of the spine and gives a little extra support at the top of the sacrum

6.15 LEG SUPPORTS

Angle adjustable leg supports with foot plates and calf supports are standard for netti Mini. Many prefere Universal leg supports with foot board. Both are described in this chapter.

Other alternatives:
- Amputation leg support (see chapter 5)
- Foot box (see chapter 5)

ANGLE ADJUSTABLE LEG SUPPORTS

The angle adjustable leg supports are swingable, height adjustable and removable. They come with height- and depth adjustable calf supports. The foot plates are hinged, and can be angled in fixed positions.

The foot plates come with a lock connecting the 2 plates which makes the plates stronger. If locking is not wanted, the bolt can be removed by using an Allen key with no loss of functionality.

MOUNTING OF ANGLE ADJUSTABLE LEG SUPPORT STANDARD:
Leg support mounting instruction:
- Fold the foot plates up.
- Hold the leg support on the top joint, and place it in the pull-out-piece in an outward turned angle as shown in the picture below.
- Swing the leg support inwards and push slightly downwards until it goes into locked position.

Angle adjustment
Loosen the star wheel on the outside of the leg support. Lift the lower part of the leg support to required angle.

Tighten the star wheel.,

⚠ **When adjusting leg support angle, be aware of squeeze hazard between moving parts.**

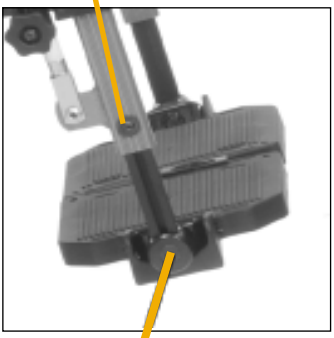
FOOT PLATE HEIGHT ADJUSTMENT:

The foot plates are step less height adjustable.

- Unfix the adjustment screw so that the adjustment bar moves freely.
- Slide the foot plate to required height, tighten the screw. Se bilde nedenfor.

Indoor the foot plates should have a floor clearance of 20-30 mm.

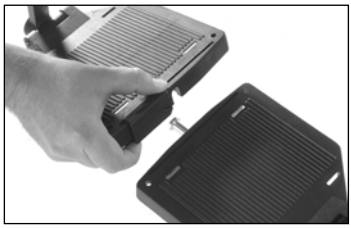
As an accessory a star knob can replace the screw.



FOOT PLATE ANGLE ADJUSTMENT:

- Loosen the screw on the outside of the foot plate with an Allen key - see picture above -.
- Tilt the foot plate to required angle and tighten the screw.

5 mm unbrakonøkkel



FOOT PLATE LOCK LOCKING AND RELEASING THE FOOT PLATES FOR SEAT WIDTHS 350 MM

- The foot plates for leg supports for seat width 350 mm can be deliverd with a lock connecting the 2 footplates which makes the plates stronger.
- To lock the foot plates, let the right foot plate fall over the bolt standing out from the left one, it clicks into lock.
- To release the foot plate pull the plastic lock between the foot plates and lift the right foot plate up.

While making the adjustment, there must be no load on the foot plates.

For outdoor use, there should be a clearance of 40-50 mm between the foot plate and the ground.

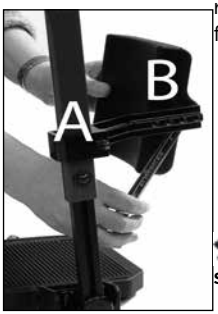
Never stand on the foot plates due to the risk of tipping forward.

REMOVING THE LEG SUPPORTS:

If there is a foot plate lock, release the foot plate by pulling the red plastic lock between the foot plates
- Lift the right foot plate up.
- Lift the leg support in the knee joint sligthly up.
- Swing it outwards - see the picture on previous page.
- Lift it up.

CALF SUPPORT ADJUSTMENTS

The calf supports are height and depth adjustable. The calf supports are to be adjusted in a height and depth that prevents the feet from sliding down from the foot plate.
To adjust the height, loosen the nut **A** on the calf support bracket and slide it into required position before fixing the screw.



10 mm open end spanner

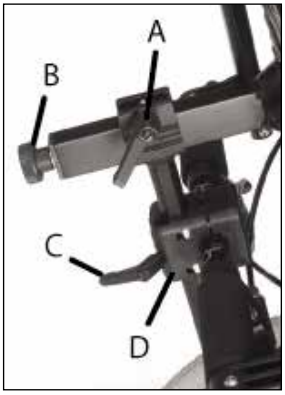
To adjust in depth of the calf pad, loosen the screw **B between the calf support** and bracket and reposition it to required position before fixing the screw again.

13 mm Allen key

Never stand on the foot plates!

Never lift the wheelchair by the leg supports.

6.16 HEAD SUPPORT



A - Lever for depth adjustment
B - Wheel for angle adjustment
C - Lever for height adjustment
D - Head support bracket.

•Place the squared nut in the trace of the head support bracket as shown below.

- Place the head support in the head support bracket.
- The height and the depth of the head support is set to the required positions and tightened.
- The head support bracket is fixed by tightening the four screws two by two diagonally so the bracket is fixed with the same strength divided on the four screws.

Adjusting the head support in depth:
- Release the locking lever on top of the vertical bar (A).
- Adjust the head support and fix it in required position.

Adjusting the head support in height:
- Release the locking lever on the head support adapter (C).
- Adjust the head support and fix it in required position.

Adjusting the head support in angle:
- Release the adjustment wheel at the rear of the horizontal bar (B).
- Adjust the head support and fix it in required position.

I enkelte tilfeller kan det være ønskelig å justere vinkel og plassering av hodestøtte-brakette.:

Adjusting the head support sideways:
- The head support adapter can be moved both to the right and left, giving the possibility to accommodate special needs for head support.
- Untighten the four screws holding the adapter together.
- Move the adapter to the required position and fix the adapter by tightening the screws diagonally.

Remember to release the levers when adjusting the head support.

If the head support stand does not fit the bracket perfectly the bracket is probably fixed too tight or unevenly.

After fitting the head support, fix it properly by tightening the little set screw in the centre on top of the head support bracket using an Allen-key.

6.17 PUSH HANDLES

Adjustment of push handles:

- Release the lever on the side and lift the handle all the way up.
- Turn the handles into required position.
- Adjust height.
- Lock the handle in required position by tightening the lever.

Check that the lock handle is properly tightened.

Check that the safety screw is mounted

To remove the handles, the safety screw at the bottom of the handles also has to be removed.

6.18 ADJUSTING THE BRAKES

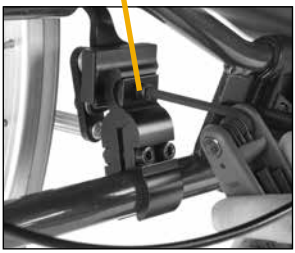
- The brakes are freely adjustable along the frame tube.
- To activate the brake, push the handle forward

- To release the brake, pull the handle rearwards

- To reposition the brake, loosen the two screws on the inside of the brake clamp

- For fine adjustment, loosen the upper screw on the inside of the brakes

- Adjust the brake position and tighten the screws.



5 mm Allen key

⚠ Check that the brakes are correctly adjusted by activating the brakes and be sure that the wheelchair doesn't move.

⚠ The brakes are constructed as parking brakes and shall not be used as driving brakes.

⚠ Be aware of potential squeeze hazard between brake and tyre.

DRUM BRAKE

If the wheelchair is fitted with hand operated hub brakes, they operate drum barkes.

If the brake does not brake properly:
To adjust the wire on one or both sides, adjust the foot screw 2-4 rounds out. Then re-check the brakes.

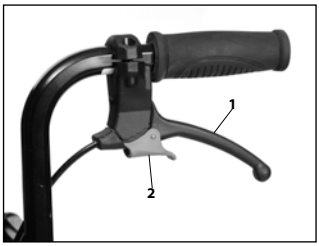
If the wire is too loose:
Adjust the foot screw all the way in. Tighten the wire by loosening the wire clamp before pulling the wire further through it. Tighten the wire clamp, and adjust the foot screw out again.

1 pc 10mm open-end spanner.

⚠ To ensure the correct functions of the wire, these must never be taut.

BRAKE HANDLE

Operating and applying the brake
The wheelbase in drum brake is fitted with hand operated hub brakes to allow regulation of speed on hills and whilst travelling along. These are located on the push handles.

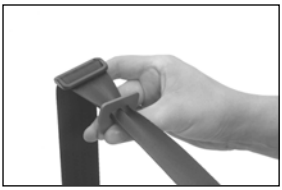


- To apply the brakes, pull the brake levers (1) evenly and smoothly towards handle and bring the wheel-base to a stop.
- For activating and locking the parking brake (2) press the lever (1) against the push handle and lock the parking brake with the finger. Be sure that both parking brakes are locked.
- The parking brake will be released when you press the lever (1) against the push handle. It is locked with a spring and this will release it.

⚠ Do not leave the user in the wheelchair without activating the parking brake.

6.19 MOUNTING OF HIP BELT

• Pull the belt thorough the hole in the hip belt bracket.



• Thread the belt back through the belt clamp.

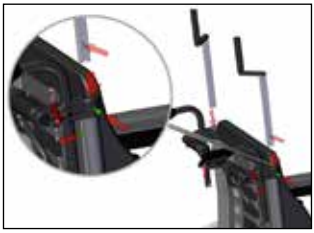
• Fix the hip belt bracket to the rearmost hole in the back hinge, using the enclosed screws and nuts.

2 pcs 13 mm open-end spanner.

6.20 MOUNTING OF H-BELT BAR

• See separate mounting description MD0074 for Harness adapter kits.

• Remove the plastic plugs in the chair back tubes and the screws holding the push bow brackets. Insert the H-belt brackets into the chair back tubes.



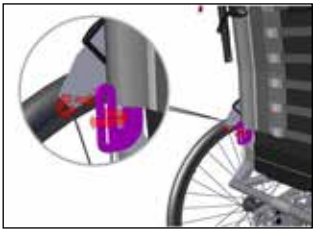
• Fix the brackets in required height. Fix the triangular brackets to the H-belt brackets. The triangular brackets should stand right above shoulder heigt.

On Netti MIni sw 250 mm, the triangular brackets must be mounted on the outside of the H-belt brackets.

• Pull the belt through the triangular bracket and fix it by threading it through the buckle delivered with the belt.

• Fix the lower end of the belt to the lower beltbracket on the chair back tube.

⚠ Please note: the screw holding the back tube is glued. and must be heated for the screw to loosen.



The lower part of the belt must be threaded to the lower belt bracket as shown on the illustration above.

Remember at the end to shorten the belt to suitable length.

Detailed mounting description follows the H-belt brackets.

7. SEAT ANGLE / TILT AND BACK ANGLE / RECLINE

7.1 SEAT ANGLE

The seat angle is regulated using the release handle mounted on the push bar.
The seat unit can be tilted from -7° to +23°.

⚠ When tilting the seating unit forwards the user may slide out. Alu Rehab recommends using a hip belt.

7.2 BACKREST ANGLE

The backrest angle is regulated using the release handle mounted on the right side of the push bar. The angle can be regulated from 3° forward to 30° backwards.

⚠ **To ensure correct function of the wires, these must never be taut.**

⚠ **The seat and back-rest angle must not be adjusted without using the anti-tips.**

The release handles has each on of the following label:

Tilt

Recline

⚠ **Risk for tipping.**
Check the position of anti-tip.

⚠ **When chair back extension is mounted, the tipping risk increases. If necessary it should be improved by moving the main wheels further back. Always use anti tippers when recline and tilt functions are seeing activated.**

7.3 KEY WORDS REGARDING TILT AND RECLINE OF STATIC COMFORT WHEELCHAIRS, AND COMMON FEATURES OF DYNAMIC WHEELCHAIRS

Tilt and recline are the basic benefits of a comfort wheelchair. It allows for varying seating positions during the time in the wheelchair.

We have reviewed the clinical evidences regarding tilt and recline, and found there are several studies or best practice guidelines suggesting that the tilt and recline sequence is important to reduce shear and sliding:
First tilt then recline afterwards. When bringing the client upright again, the sequence should be recline first then tilt. It would seem that the most shear would be induced when going upright from a recline and tilted position.

7.4 DECREASE THE POSSIBILITY OF SLIDING, SHEAR AND PRESSURE SORES:

Only use the tilt angle to achieve variation of the seating position for the user. It is common knowledge that recline should not be adjusted after the back angle is accommodated to the user's best seating position. The muscle tone of the neck and back should be as low as possible for the user to prevent sliding, and a change of the recline angle from the original position will interrupt and destroy the correct body position, and cause an increased muscle tone in the neck.

If the recline function is used during a transfer situation or other situations, it is very important that the recline angle is adjusted back to the correct, original position when the user is back to a normal seating position. Wrong usage of recline causes an increased possibility of sliding, and this means an increased danger of shear (vertical and horizontal forces) and pressure sores.

MAKE SURE THAT THE USER IS SAFE WHEN THE TILT OR RECLINE FEATURES ARE GOING TO BE ADJUSTED:

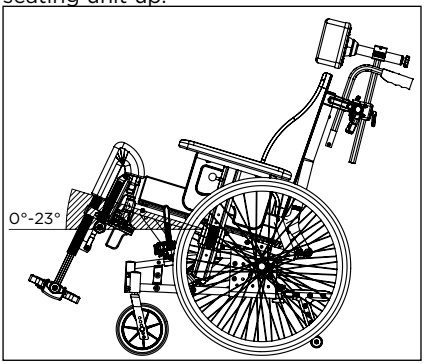
The tilt and recline functions of all Netti comfort wheelchair models is a «one hand operation», including the dynamic wheelchair models. This is a great benefit for the user: The care giver is able to establish eye contact with the user when the tilt or recline function is going to be used. The care giver is also able to communicate with the user before the tilt or recline function is used. The user will feel more safe when he/she is aware that the tilt or recline function is going to be used.

7.5 OPERATING TILT HANDLE: TILTING THE SEATING UNIT

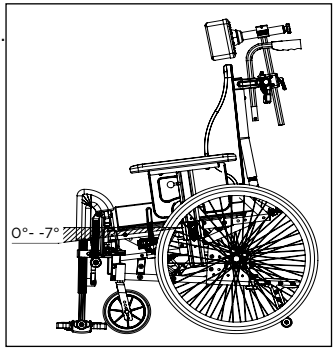
Press the left handle on the push bar and put pressure to the push bar to tilt the seating unit with one of your hands, while you have eye contact with the user and put the other hand on the arm support.

The correct relative angle between the body parts remain the same when the seating unit is tilted.

Wherever you let the handle loose, the seating unit will stay in this position. To bring the seating unit up, press the handle and the tilt cylinder will assist you lifting the seating unit up.



A backward tilted seat unit gives a steeper seating angle in relation to the surface, and prevent sliding of the wheelchair user.
A forward tilted seat unit brings the user in a position where activities - for instance by a table or by standing up from the wheelchair, is supported.

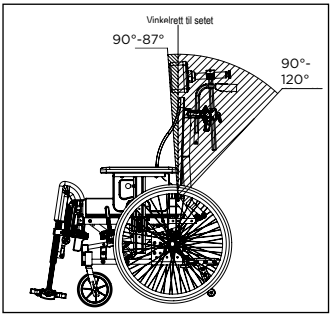


The tilt handle and the tilt sign is on the left side of the push bar - shown on the previous page.

⚠ **Never leave the user alone when the seat is tilted forwards. The user can slide forward.**

7.6 OPERATING RECLINE HANDLE: RECLINING THE CHAIR BACK

Press the right handle and put pressure to the push bar to recline the back with one of your hands, while you have eye contact with the user and put the other hand on the arm support. Wherever you let the handle loose, the chair back will stay fixed and locked.



8. TRANSPORT

Netti Mini is tested and approved to crash test ISO 7176-19:2008 stating it is suitable to be used as a seat in a vehicle,
Max user weight 75 kg.

8.1 FOLDING FOR TRANSPORT

When the wheelchair is not being used as a seat in a car, fold it and transport it as described below: Secure the wheelchair in the trunk or other suiable place where it is not a danger for the passengers in case of an accident.

- Remove the head support (kap 6.16)
- Turn anti-tippers up (kap 6.11)
- Swing the push handles inward (kap 6.17)
- Remove the leg supports (kap 6.15)
- Remove the back cushion (kap 6.13)
- Pull out the locking bolt holding the chairback upright, and fold the back forward into the seat. (kap 6.7)
- Remove the main wheels (kap 6.2)
- Remove the front castors. (kap 6.4)

8.2 TRANSPORT IN CAR

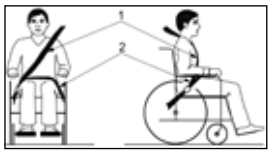
Before using the Netti III as a seat in a car, be sure to remove and secure all parts and accessories that may fall off in case of an accident.
Always use approve wheelchair and occupant restraint system (ISO 10452:2012) for fixing the wheelchair in the vehicle.
Netti Mini has been successfully crash-tested using a combined wheelchair and occupant restraint system W120/DISR developed by Unwin Safety Systems.
For further information:
www.unwin-safety.com

WHEELCHAIR SECURING

In front: Use hook or strap attachment.
2 stickers in the front of the frame, show where to fix the straps in the front.

In rear: Mount an “eye-bolt”in one of the free holes in the wheel frame bracket. Hook on a hook/carabiner in the “eye-bolt” The angle of the straps should be 0-45° Item number for 1 pair of eye bolts with bushing: 21074.

In the front use a hook or strap. The angle of the strap should be approximately 45 degree



⚠ Always use the occupant restraint belts in the car for the wheelchair user. The corrective harnesses used in a wheelchair are not safety belts. Make sure the safety belts sits close to the user body (not across the armrest.)

⚠ **Netti Mini has been crash tested without any power kit etc. If, at a later point of time a power kit, stair climber etc. is mounted, you need to check if your power assistant device is crash tested and approved for wheelchairs being used as seat in a car.**

Model: Netti Mini
Language:English Version: 2017-11

If not this must be dismounted when the wheelchair is used as a seat in a car.

⚠ **If a Netti head support is mounted correctly it is very stable but does not replace the need for an external neck support mounted in the car.**

⚠ **Netti Mini has been crash tested and approved with Netti cushions. Always use Netti Cushions when Netti Mini is used as a seat in a car.**

⚠ **Never use the wheelchair as a seat in a car if it has been involved in an accident with impact.**

8.3 TRANSPORT IN AIRPLANE

Netti Mini wheelchair may be transported in airplane without any restrictions. Netti Mini wheelchairs are equipped with 2 gas springs. These are however not classified as dangerous goods. Contrary to general dangerous goods instruction UN3164, the IATA-DGR (special regulation A114) rules that the goods that contain gas and are determined to function as shock absorbers (including energy-absorbing devices or pneumatic springs) are NOT subject to the transport instructions i.e. they are indemnified from the following requirements:

a) each article has a gas volume which does not exceed 1,6 l and a charge pressure not exceeding 250 bar, where the product of the capacity expressed in liters and charge pressure expressed in bars doesn't not exceed 80.

b) Each article has a minimum burst pressure of 4 times the charge pressure at +20 degree Celsius for products not exceeding 0,5 l gas space capacity.

c) Each article is made of material that will not fragment.

d) Each article was manufactured in accordance to quality standard which is approved by the responsible national authority

e) It is proven and shown that the article relives its pressure by means of a fire degradable seal or other pressure relief device such that the article will not fragment and the article does not rocket.

8.4 TRAVELLING ON PUBLIC TRANSPORT

The wheelchair should be put in a special area for wheelchairs. The wheelchair should face opposite the direction of travel. The back of the wheelchair must be located against a fixed object such as a row of seats or a partition. Make sure the user can easily reach any hand rails or handles.

9. MANOEUVRING

9.1 GENERAL TECHNIQUES

The weight and balance of the chair influences the manoeuvring ability of the wheelchair. The weight, size and sitting position of the user are also influencing factors. Also the position of the wheels will influence the driving performance. The more weight placed over the main wheels, the easier it is to manoeuvre. If heavy weight is placed over the front castors, the chair will be heavy to manoeuvre.

⚠ **Step approach:**
Always approach the step in slow motion preventing the front castors to hit the step with force. The user could fall out of the chair by the impact. The leg supports or front castors could brake.

⚠ **Driving forward down steps/ sidewalks:** Be cautious that you do not drive down steps higher than 30 mm. The leg supports may hit the ground first. Thereby you might loose the control and the leg supports may brake.

⚠ **Companion:** If the user is left alone in the wheelchair, always lock the brakes and secure that the anti-tips are turned down.

⚠ **Parking:**
Increase the underneath support of the wheelchair by moving the chair about 100 mm backwards making the front castors turn forward.

⚠ **Driving on soft, rough or slippery ground can make safe manoeuvring more difficult as the wheels may loose traction and it is difficult to control the wheelchair.**

9.2 DRIVING TECHNIQUES - STEP UP -

Companions, drive up a step forwards:
- Check that the anti tip is turned up
- Angle the wheelchair backwards.
- Lift the push handles while pushing the chair onto the step.

⚠ **Turn the anti tip down.**

Users, drive up a step backwards:
This technique is only useful if the step is very low. It also depends on the clearance between the foot plates and the ground.
- Check that the anti tip is turned up.
- Drive the chair backwards towards the step.
- Make a firm grip on the push rims and move the body forward while pulling.

⚠ **Turn the anti tip down.**

Companions, drive up a step backwards:
- Check that the anti tip is turned up
- Pull the chair backwards next to the step
- Angle the wheelchair backwards, moving the front castors slightly up in the air.
- Pull the wheelchair up the step and go backwards long enough to put down the front castors on the step.

⚠ **Turn the anti tip down.**

9.3 DRIVING TECHNIQUES - STEP DOWN -

Companions, drive down a step forwards:
- Check that the anti tip is turned up
- Angle the wheelchair backwards, moving the front castors slightly up in the air.
- Drive carefully down the step and angle the wheelchair forward putting the front castors back on the ground.

⚠ **Turn the anti tip down.**

Users, drive down a step backwards:
This technique is only for very experienced users. This technique should not be used if the height of the step is more than 100 mm.
- Check that the anti tip is turned up.
- Move the wheelchair backwards to the step.
- Move carefully down the step backwards while moving the body forward to keep the balance of the chair.

⚠ **Doing this increases the risk of tipping backwards.**

⚠ **Turn the anti tip down.**

Companions, drive down a step backwards:
- Check that the anti tip is turned up.
- Move the wheelchair backwards to the step.
- Drive carefully down the step and move the wheelchair backwards on the main wheel until the front castors have come away from the step.
- Put the front castors down on the ground.

⚠ **Turn the anti tip down.**

9.4 DRIVING TECHNIQUES - SLOPE -

Important advise for driving down and up hill avoiding the risk of tipping.

⚠ **Avoid turning the wheelchair in the middle of a slope.**

⚠ **Always drive as straight as possible.**

⚠ **It is better to ask for assistance than taking risks.**

Driving uphill:
Move the upper part of the body forwards in order to maintain the balance of the chair.

Driving downhill:
Move the upper part of the body backwards to maintain balance of the chair. Control the speed of the chair by clutching the push rims.
Do not use the brakes.

9.5 DRIVING TECHNIQUES - UP STAIRS -

⚠ **Always ask for assistance.**

⚠ **Never use escalators, even if assisted by a companion.**

With assistance, backwards.
- Check that the anti tip is turned up, and that the push handles are fixed properly.
- Pull the wheelchair backwards to the first step of the stairs.
- Angle the wheelchair backwards on the main wheels.
- Pull the wheelchair slowly up the stair, one step at the time keeping the balance on the main wheel.
- Reaching the top of the stair, pull the wheelchair backwards far enough to put the front castors safely down on the floor.

If two companions are present, one person can assist lifting in the front of the frame. Lifting points on the frame are marked with this sign:

The companions should use the strength in their legs carrying the chair, avoiding unnecessary stress on the back.

⚠ **Do not lift the wheelchair holding onto the leg,- arm or head supports.**

⚠ **Turn the anti tip down.**

9.6 DRIVING TECHNIQUES - DOWN STAIRS -

⚠ **Never use escalators, even if assisted by a companion.**

With assistance, forwards
- Check that the anti tip is turned up and that the push handles are fixed properly.
- Drive the wheelchair forward to the first step of the stair.
- Angle the wheelchair backwards on the main wheels.
- Have a firm grip on the push handles, and keep the balance on the main wheel taking one step at the time.
- Reaching the bottom of the stair, put the front castors safely down on the floor.

If two companions are present, one person can assist lifting in the front of the frame. Lifting points on the frame are marked with this sign:

⚠ **Do not lift the wheelchair holding onto the leg,- arm or head supports.**

⚠ **Turn the anti tip down.**

9.7 TRANSFER

Techniques for transferring to/from the wheelchair should be practiced well with the persons involved. Here, we give some important advices for preparation of the chair:

With or without companion - sideways.
Before transfer:
- The wheelchair should be placed as close as possible to the destination of the transfer.
- Pull the wheelchair backwards 50-100 mm in order to make the front castors turn forward.
- Lock the brakes.
- Remove foot support and arm support on the side of the transfer.

With or without companion – forwards.
Before transfer:
- The wheelchair should be placed as close as possible to the destination of the transfer.
- Pull the wheelchair backwards 50-100 mm in order to make the front castors turn forward.
- Lock the brakes.
- Tilt chair forward.

Using a lift:
Before transfer to chair:
- Tilt the chair back
- Remove the head support
- Remove the leg supports
- Open the back rest angle slightly
- Replace the components when transfer is finished.

⚠ Never stand on the foot plates due to the risk of tipping the chair forwards.

9.8 POINT OF BALANCE

Adjust the point of balance by changing the position of the main wheel in the main wheel bracket.
- Move the main wheel hub and the main wheel. (Chapt. 6.6)
- Adjust the brakes. (Chapt. 6.18)

🛠 2 pc 24 mm open-end spanner
🛠 5 mm Allen key

When the main wheels are moved forward, it will be easier to manoeuvre the wheelchair, but the risk of tipping backwards increases.

ⓘ The point of balance can also be changed by adjusting the seat angle and/or angle of backrest.

⚠ It is recommended to use the anti tip.

⚠ Check that the main wheel and quick release are locked properly. (Chapt 6.2)

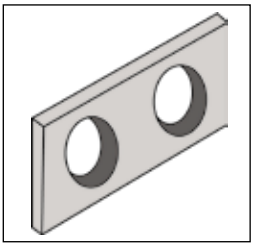
9.9 LIFTING THE WHEELCHAIR

• The unfolded wheelchair should be lifted from 2 persons holding on to the frame and push bar only.
It is marked with the below symbol where it should be lifted.

Never lift the wheelchair in the leg-, arm- or head supports. They may detach and the wheelchair may fall and get damaged.

Never lift the wheelchair with a user in it.

9.10 CHANGE OF CAMBER



Netti Mini is as a standard delivered with 2° camber. This can be changed to 4° by replacing the camber bracket.

2 pc 24 mm open-end spanner.

9.11 PUSH RIM

Netti Mini is delivered with aluminium push rims as standard. The material and distance to the main wheel influences the ability of the user to grip.

Contact your dealer to get information about push rims that fit your chair. (See chapt. 5)

Alternative push rims may give better grip, but the friction may increase. When using the hands to stop the chair, the risk for burning of the hands increases.

A squeezing and trapping hazard of the fingers may occur when passing through narrow passages and if the fingers come between the spokes. To avoid this risk, we recommend spoke protectors as accessory.

If you want/need to change push rims or increase/decrease the distance between the push rims and the wheel, please contact your dealer.

10. MAINTENANCE

10.1 MAINTENANCE INSTRUCTIONS

The Netti chairs are built of modules. Alu Rehab carries stock of all parts and is ready to supply these on short notice. Necessary instructions for mounting will follow the parts.
Parts to be handled by user are defined in spare part catalogues that can be downloaded at www.My-Netti.com. These parts can, if needed, also be removed and sent to manufacturer/distributor upon request.

⚠ **Parts related to wheelchair frame construction must be handled by manufacturer or authorized service facility.**

⚠ **If defects or damages occur, please contact your dealer.**

⚠ **Check/re-adjust screws and nuts at regular intervals.**

⚠ **Sand and sea water (salt used for gritting in the winter) can damage the bearings of the front castors and main wheels. Clean the wheelchair thoroughly after use.**

ⓘ **For small damages to the surface, original surface paint can be ordered from the manufacturer.**

Maintenance Frequency	Weekly	Monthly
Check defects/damages E.g. breakage/missing parts	X	
Washing of wheelchair		X
Washing of cushions		X
Check anti tip function		X
Check brake adjustment		X
Check tyre wear		X

* As a rule of thumb, use oil on movable parts and all bearings. Alu Rehab recommends use of ordinary bicycle oil

10.2 CLEANING AND WASHING

1. Remove cushions before washing the wheelchair.
2. Clean cushions and covers according to instructions printed on cushions.

Cushion cleaning procedures

CORE	
Washing	Hand wash 40ºC
Disinfection	Virkon S
	Auto clave 105ºC
Drying	Squeeze
	Air dry standing edgewise
OUTER COVER	
Washing	Machine wash 60ºC
Drying	Tumble dry max 85ºC

3. Clean frame using water and a rag.
4. We recommend using soft soap.
5. Rinse the wheelchair well using clean water to remove all the soap.
6. Use methylated spirit to remove any dirt left.
7. Wipe desinfection: use a soft rag wetted with Hydrogenperoxide or technical alcohol and wipe the whole chair clean. Hydrogenperoxide recommended: NU-CIDEX “Johnsen and Johnsen”.

10.3 LONG TERM STORING

If the wheelchair is to be stored for longer time - (longer than 4 months) no particular actions are needed. We recommend that the chair is cleaned before storing. Before it beeing used again, complet the above mainenance instructions.

11. TROUBLESHOOTING

Symptom	Reason/Action	Reference in manual
The wheelchair is going askew	• The angle of the bearing house might not be 90° • Check that the front castors are fitted in the same height • The main wheel hubs might be incorrectly mounted • One of the brakes might be too tight • The user are sitting very askew in the chair • The user might be stronger on one side than the other	6.4 6.3 6.6 6.18
The wheelchair is heavy to manoeuvre	• The main wheel hubs might be incorrectly mounted • Clean the front castors and forks for dirt • Too much weight over the front castors (Adjust the point of balance by moving the main wheels back)	6.6
The wheelchair is hard to turn	• Control that the front castors are not fixed too tight • Adjust the angle of the bearing house • Too much weight over the front castors adjust the point of balance	6.4 6.5
The front castors are wobbling	• The front castors are not fixed properly • Check that the front forks are fitted in the same height • The angle of the bearing house might not be 90° • Too much weight over the front castors adjust the point of balance	6.4 6.4 6.3 6.5
The main wheels are difficult to take off and put on.	• Clean and grease the quick release • Adjust the length of the hub bushing	6.6
The brakes are not functioning well	• Check the wheels and the distance to the brakes. • Adjust the brake	6.18
The wheelchair feels ”shaky”	• Check screws and adjustment points in general	

Please contact your dealer for information about authorized service facilities that can give support if solution is not reached in this form.

When in need of spare parts, please contact your dealer.

Before making changes affecting frame construction, contact dealer / manufacturer for confirmation.

12. TESTS & WARRANTY

12.1 TESTS

Netti Mini is tested and has been approved for usage both indoors and outdoors.
The chair is CE marked.

Maximum user weight:
90 kg for Netti Mini
It is tested by TÜV SÜD Product Service GmbH according to
DIN EN 12183:2014

Netti Mini is crash tested at Millbrook Proving Ground, Bedford UK, according to ISO 7176-19: 2008 and approved for being used as a seat in a vehicle.

Max user weight when used as chair in a car: 75 kg

Netti seating system is tested for fire resistance according to: ISO 7176-16:1997

12.2 GUARANTEE

Alu Rehab is providing you with a 5-year guarantee on all frame components and on the cross-tube assembly. There is a 2-year guarantee on all other CE labelled components except batteries.
Alu Rehab is not responsible for any damage resulting from inappropriate or unprofessional installation and/or repairs, neglect, wear, from changes in wheelchair assemblies or instructions not approved by Alu Rehab or by use of spare parts delivered or produced by third parties. In such cases, this guarantee shall be considered null and void.

12.3 CLAIM

- Claim is to be addressed to the sales agent of the wheelchair. Please note that sales documentation has to be filled in and signed correctly in order to document time and place of the purchase of the wheelchair.
- Generally, defects are accepted as reason for claims. The sales agent and Alu Rehab are to decide whether a defect has to be repaired, or the customer is entitled to a reduced prize due to the defect.
- This decision is based on an evaluation of the defect. 14 days after receiving a claim, the customer receives a report from the sales agent and/or Alu Rehab are going to handle the defect.
- Claim are to be forwarded as soon as a defect is discovered.

Normal wear, incorrect use or incorrect handling is not a reason for claims.

The user is to use, maintain and handle the wheelchair as described in the user manual if claims are to be accepted.

12.4 NETTI CUSTOMIZED / INDIVIDUAL ADAPTATIONS

Netti Customized / individual adaptations are defined as all adjustments that are not included in this manual. Individual adaptations made by Alu Rehab are labelled with a unique NeC number for identification.

Wheelchairs that are especially adjusted/ adapted by the customer cannot keep the CE mark given by Alu Rehab A.S Norway. If the adjustments are performed by other than Alu Rehabs approved dealers, the warranty given by Alu Rehab A.S Norway will not be valid.

If any uncertainty about special fitting and adaptations, please contact Alu Rehab A.S.

If you have different needs than what our standard wheelchair program can cover, please contact customer service for eventually special adjustements or Netti Customized solutions.

12.5 COMBINATIONS WITH OTHER PRODUCTS

Combinations of Netti and other products not manufactured by Alu Rehab A.S: Generally in these cases, the CE mark of all the products involved will not be valid. However, Alu Rehab A.S has made combination agreements with some manufacturers about some combinations. By these combinations the CE mark and guarantees are valid.

For further information, please contact your dealer or Alu Rehab A.S Norway directly.

PRODUCT RESPONSIBILITY

Netti Mini with different configurations of Netti equipment has been tested /risk evaluated by Alu Rehab.
Any alterations or substitutions must not be made to the wheelchair securement points or to structural and frame parts without consulting the wheelchair manufacturer Alu Rehab.
Substitutions or alterations of components from third part suppliers to Netti Mini requires the risk evaluation and acceptance of the product responsibility and safety for use of the wheelchair from the manufacturer that is performing the substitution or alteration.

12.6 SERVICE AND REPAIR

Information about service and repair services in you area, please contact your local dealer.

A unique identification number / serial number is to be found on the bottom frame on left side of the chair.

A spare part catalogue for the wheelchair can be obtained through your local dealer or downloaded at www.My-Netti.com

A refurbishment manual for the wheelchair can be obtained through your local dealer or downloaded at www.My-Netti.com

Information on product safety notices and product recalls are available at www.My-Netti.com

13. MEASUREMENTS & WEIGHTS

Size*	Seat depth Standard**	Backrest height***	Total width	Transport width (without main wheels)	Total weight ex cushions - incl. wheels, head- and leg support
250 mm	350-375 mm	380 mm	506 mm	399 mm	24,4 kg
300 mm	350-375 mm	380 mm	556 mm	449 mm	24,8 kg
350 mm	350-375 mm	380 mm	606 mm	499 mm	25,2 kg

* Measured between edges of frame tubes. For distance between skirt guards add 25 mm.
** Measured from front of seat plate to back rest hinge without cushion.
Using standard Uno back rest cushion subtract approximately 30 mm.
*** Measured from seat plate to top of back rest Velcro.

The weight is including main wheels, front castors, foot supports and arm supports. No cushion.

Recommended inflation pressure using air tyres is: 60-65 PSI.

Max user weight is 90 kg
When used as chair in a car: Max user weight 75 kg

When mounting accessories such as power kit etc the weight of the accessories must be subtracted from the max user weight.

Dealer:	
Frame number.:	
Date:	
Stamp:	

IN DIALOGUE WE CREATE SIMPLE SOLUTIONS AND ENABLE JOY OF LIFE

CE This product confirms to 93/42/EEC for medical products.

UM0107 UK
2017-11

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