

Measure and weights

Measure taking

There are many varieties of wheelchairs on the market and all the manufactures detail specific measurements in different ways. Therefore it can sometimes be difficult to find the right size for the user. The following guidelines show how to take the measurements and how to use these measurements when it comes to the Netti wheelchair program.

Seat width

The seat width is measured in a straight line over the widest point of the hip in an upright sitting position. Sometimes it can be a help to use flat objects e.g. books etc. If the user can hold and support these items against the hips it is quite easy to measure the distance between them.

The chassis width of the Netti chairs refer to the width of the actual seating plate. Functionally the actual seat width is 2.5 cm wider than that because of a small gap between the seating plate and the skirt guard. This allows sufficient room for the pelvis.

Thigh length/Seat depth

The length of the thigh is measured from the rearmost part of the bottom to the hollow of the knee, in sitting position (hips at 90°, knees at 90°). Then subtract 3-5 cm depending on whether the user is going to manoeuvre the wheelchair with their feet. Users manoeuvring the wheelchair with their feet need a shorter seat depth than users who are only using foot supports.

The seat depth on the Netti wheelchairs, is measured from front of the seating plate, to the tube of the backrest. The Netti wheelchairs can be easily adjusted in depth as standard. It is also possible to adjust the seat depth a little by adjusting the Velcro straps on the backrest. This gives finite adjustment if the measurements taken are not correct.

Lower leg length/Seat height

The lower leg length is measured from the hollow of the knee to under heel (knees at 90°, ankles 90°). NB! It is important that this measurement is taken, based on the footwear which the user normally would wear. The seat height will vary depending on whether the user is going to use their feet to propel the chair or if they are going to use foot supports.

If the user is going to propel the chair with their feet, the seat height should be 2-3 cm shorter than the lower leg length. NB! Remember to add the height of the cushion and take into consideration that the user sinks into the cushions as well. The footwear is also very important when the user is propelling the chair with their feet. The shoes should create friction against the ground and they should be secure onto the feet.

When using foot supports, the seat height can be 4-5 cm longer than the lower leg length to avoid footsupports making contact with the ground. The seat height on the Netti chairs is measured from the ground to the seating plate at the front of the chair (without a cushion).

Back height

If the user is propelling the chair by pushing the hand rims, it is important that the back cushion does not obstruct the movement of arms and shoulders. This is important to take into consideration when measuring the back. The back height is in these cases measured (in a sitting position) from the seat base up to under the shoulder blade.

Measure and weights – Netti I allround

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	37,5	42,5 (40 – 50)	39(39-42)	32-48	48	21,3
38	40,5	42,5 (40 – 50)	39(39-42)	32-48	48	21,4
40	42,5	42,5 (40 – 50)	39(39-42)	32-48	48	21,5
43	45,5	47,5 (40 – 50)	39(39-42)	32-48	48	22,0
45	47,5	47,5 (40 – 50)	39(39-42)	32-48	48	22,1
50	52,5	47,5 (40 – 50)	39(39-42)	32-48	48	22,3
55	57,5	47,5 (40 – 50)	42(42-45)	32-48	48	25,2
60	62,5	47,5 (40 – 50)	42(42-45)	32-48	48	25,5

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti I allround total seat width: The seat width + ca 24 cm.

Measure and weights – Netti I comfort

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	37,5	42,5 (40 – 50)	39(39-42)	32-48	48	28,3
38	40,5	42,5 (40 – 50)	39(39-42)	32-48	48	28,4
40	42,5	42,5 (40 – 50)	39(39-42)	32-48	48	28,5
43	45,5	47,5 (40 – 50)	39(39-42)	32-48	48	29,1
45	47,5	47,5 (40 – 50)	39(39-42)	32-48	48	29,3
50	52,5	47,5 (40 – 50)	39(39-42)	32-48	48	29,3
55	57,5	47,5 (40 – 50)	42(42-45)	32-48	48	32,3
60	62,5	47,5 (40 – 50)	42(42-45)	32-48	48	32,6

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti I comfort total seat width: The seat width + ca 24 cm.

Measure and weights – Netti II allround

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	37,5	42,5 (40 – 50)	45(48)	40-48	48	25,1
38	40,5	42,5 (40 – 50)	45(48)	40-48	48	25,2
40	42,5	42,5 (40 – 50)	45(48)	40-48	48	25,3
43	45,5	47,5 (40 – 50)	45(48)	40-48	48	25,9
45	47,5	47,5 (40 – 50)	45(48)	40-48	48	26,0
50	52,5	47,5 (40 – 50)	45(48)	40-48	48	26,5

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti II allround total seat width: The seat width + ca 24 cm.

Measure and weights – Netti Svipp allround – short

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	35	38 (38 – 48)	42(42-45)	34,5-47	35(38)	21,3
38	38	38 (38 – 48)	42(42-45)	34,5-47	35(38)	21,4
40	40	38 (38 – 48)	42(42-45)	34,5-47	35(38)	21,5
43	43	43 (38 – 48)	42(42-45)	34,5-47	35(38)	22,0
45	45	43 (38 – 48)	42(42-45)	34,5-47	35(38)	22,1

Measure and weights – Netti Svipp allround – long

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	35	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,1
38	38	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,4
40	40	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,6
43	43	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,9
45	45	42 (42 – 52)	45(45-47)	34,5-47	42(45)	21,1
50	50	42 (42 – 52)	45(45-47)	34,5-47	42(45)	21,6
55	55	42 (42 – 52)	45(45-47)	34,5-47	42(45)	21,8

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti Svipp allround total seat width: The seat width + ca 24 cm.

Measure and weights – Netti Svipp comfort

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	35	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,1
38	38	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,4
40	40	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,6
43	43	42 (42 – 52)	45(45-47)	34,5-47	42(45)	20,9
45	45	42 (42 – 52)	45(45-47)	34,5-47	42(45)	21,1
50	50	42 (42 – 52)	45(45-47)	34,5-47	42(45)	21,6

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti Svipp comfort total seat width: The seat width + ca 24 cm.

Measure and weights – Netti Mini

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
25	25	35 (32,5 – 37,5)	42 (42-45)	40-48	35	23,5
30	30	35 (32,5 – 37,5)	42 (42-45)	40-48	35	24,3
35	35	35 (32,5 – 37,5)	42 (42-45)	40-48	35	25,0

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti Mini total seat width: The seat width + ca 24 cm.

Measure and weights – Netti III comfort

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	37,5	42,5 (40 – 50)	45(45-48)	40-48	48	29,9
38	40,5	42,5 (40 – 50)	45(45-48)	40-48	48	30,4
40	42,5	42,5 (40 – 50)	45(45-48)	40-48	48	30,8
43	45,5	47,5 (40 – 50)	45(45-48)	40-48	48	31,9
45	47,5	47,5 (40 – 50)	45(45-48)	40-48	48	32,2
50	52,5	47,5 (40 – 50)	45(45-48)	40-48	48	33,1
55	57,5	47,5 (40 – 50)	45(45-48)	40-48	48	37,7
60	62,5	47,5 (40 – 50)	45(45-48)	40-48	48	38,8

* The seat depth is measured without back cushion from front of the seat plate to the back tube placed in standard position.

** The seat height is measured from floor to top front seat plate, without seat cushion.

The Netti III comfort total seat width: The seat width + ca 24 cm.

Measure and weights – Netti 4U comfort|CE

Chassis size	Functional seat width	Seat depth* Standard (Adjustable in depth)	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	35	42 (42 – 50)	45.5(45,5-50)	46,5-50	48	27,5
40	40	42 (42 – 50)	45.5(45,5-50)	46,5-50	48	28,0
45	45	47 (42 – 50)	45.5(45,5-50)	46,5-50	48	28,5
50	50	47 (42 – 50)	45.5(45,5-50)	46,5-50	48	29,0

* The seat depth is measured from front of the seat plate to the back rest hinge.

** The seat height is measured from floor to top front seat plate, without seat cushion with 24" main wheels I upper, rear position.

With changing of the position for the main wheels, it is possible to achieve a seat height of 50 cm.

Measure and weights – Netti 4U comfort|CES

Chassis size	Total width (seat width + 18 cm)	Seat depth* Standard	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	35	37,5 (37,5 – 45)	40,5 (40,5 – 48)	46,5-50	48	27,5
40	40	37,5 (37,5 – 45)	40,5 (40,5 – 48)	46,5-50	48	28,0
45	45	37,5 (37,5 – 45)	40,5 (40,5 – 48)	46,5-50	48	28,5
50	50	37,5 (37,5 – 45)	40,5 (40,5 – 48)	46,5-50	48	29,0

* The seat depth is measured from front of the seat plate to the back rest hinge.

** The seat height is measured from floor to top front seat plate, without seat cushion with 24" main wheels I upper, rear position.

With changing of the position for the main wheels, it is possible to achieve a seat height of 50 cm.

Measure and weights – Netti 4U comfort|CED

Chassis size	Total width (seat width + 18 cm)	Seat depth* Standard	Seat Standard (Without change of parts)	Height** (With change of parts 20" – 24")	Back height From seat plate to top Velcro	Weight kg
35	35	42 (42 – 50)	45.5(45,5-50)	46,5-50	48	28,0
40	40	42 (42 – 50)	45.5(45,5-50)	46,5-50	48	28,5
45	45	47 (42 – 50)	45.5(45,5-50)	46,5-50	48	29,0
50	50	47 (42 – 50)	45.5(45,5-50)	46,5-50	48	29,5

* The seat depth is measured from front of the seat plate to the back rest hinge.

** The seat height is measured from floor to top front seat plate, without seat cushion with 24" main wheels I upper, rear position.

With changing of the position for the main wheels, it is possible to achieve a seat height of 50 cm.