



For up to date spare parts online,  
please visit [www.invacare.co.uk](http://www.invacare.co.uk)

Customer Name :	Account No :	Built in Switzerland
Dealer :	Order No :	
Address :	Order Qty :	
Tel No:	Order Date :	
Delivery address :		



**Standard Features**



- Maximum user weight 120kg (19 stone)
- Active Rigid Wheelchair with Height Adjustable Aluminium Rigid Footrest
- Multiple adjustments, Front & Rear Seat Heights and Centre of Gravity
- Carbon Fibre Front Frame 75° Front Angle
- Standard Seat Upholstery
- Self Propel Kuschall Starec Hub Q/R Rear Wheels with Grey Aluminium Handrims & Grey Light Pneumatic Tyres
- Choice of 8 Seat Widths 340mm to 480mm
- Choice of 4 Seat Depths 375mm to 450mm
- Range of Front Seat Heights from 490mm to 520mm
- Range of Rear Seat Heights from 380mm to 490mm
- Aluminium Lockdown Folding, Angle & Height Adjustable Backrest
- Black & Grey Nylon Tension Adjustable Upholstery
- Without Push Handles, Carbon Clothesguards
- Aluminium Axle Tube with 3° Camber
- Black Comfort Front Castor
- Standard Brake Lever Bent
- Tool Kit



**Standard Base Price £1,895**

Please make your selection with a cross in the box    ◆ Standard feature    ○ Free of Charge

	Customer weight =	Kg	
Code	Description		Dealer
DDZ0000	Kuschall® K-series Carbon Special Basic Model - PLEASE COMPLETE DETAILS AT THE END OF THE FORM		P.O.A.

**SEATING CHOICE**

**CARBON FRAME**

DDA0288	K Series Carbon 75° Front Frame	◆
---------	---------------------------------	---

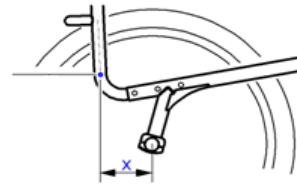
**SEAT WIDTH (SB) & SEAT DEPTH (ST) (See measuring guide on back page for more details)**

		Seat Width in mm								
		340mm	360mm	380mm	400mm	420mm	440mm	460mm	480mm	
		DDA0124	DDA0126	DDA0128	DDA0130	DDA0132	DDA0134	DDA0136	DDA0138	
Seat depth in mm	375mm	○	○	○	○	○	○	○	○	Footplate width = Seat width less 150mm  Width between clothesguards = SW + 15mm
	400mm	○	○	○	○	○	○	○	○	
	425mm	○	○	○	○	○	○	○	○	
	450mm	○	○	○	○	○	○	○	○	
		DDA0414	DDA0417	DDA0420	DDA0423					

**SEAT POSITION (SP)** Note: Position 1 is the most active position

DDA0461	Position 1 = 140mm	○
DDA0462	Position 2 = 125mm	○
DDA0463	Position 3 = 110mm	◆
DDA0464	Position 4 = 95mm	○
DDA0465	Position 5 = 80mm	○

The seat position can be moved forward and backward along the frame to achieve a more active or stable rear wheel position.


**BACK HEIGHT (RH)** (See measuring guide on back page for more details)

Back Height in mm							
270mm DDA0548	○	285mm DDA0580	○	300mm DDA0550	○	315mm DDA0503	○
330mm DDA0506	○	345mm DDA0509	○	360mm DDA0512	○	375mm DDA0514	○
390mm DDA0516	○	405mm DDA0518	○	420mm DDA0520	○	435mm DDA0522	○
450mm DDA0524	○	465mm DDA0526	○	480mm DDA0528	○		

Please note this chair cannot be used as a seat during transportation if the back height is lower than 405mm

Option DDA0772 without back upholstery is only available with Aluminium backrest and back height 285mm

In combination with tubular armrests, back height of between 270mm and 330mm are only possible with fixed or without push handles

**FRONT SEAT-TO-FLOOR (SHv)** (See measuring guide on back page for more details)

Front Seat Height in mm							
490mm DDA0851	○	500mm DDA0852	○	510mm DDA0853	○	520mm DDA0854	○

**REAR SEAT-TO-FLOOR (SHh)** (See measuring guide on back page for more details)

Rear Seat Height in mm							
380mm DDA0943	○	390mm DDA0944	○	400mm DDA0945	○	410mm DDA0946	○
420mm DDA0947	○	430mm DDA0948	○	440mm DDA0949	○	450mm DDA0950	○
460mm DDA0951	○	470mm DDA0952	○	480mm DDA0953	○	490mm DDA0954	○

Armrests DDA1416 & DDA1421 are not available with rear seat heights 380mm - 410mm

25" rear wheels not available on rear seat height 380mm

26" rear wheels not available on rear seat heights 380mm and 390mm

Suspension option is not available on seat heights 470mm - 490mm

Suspension option increases rear seat height by 30mm

**KNEE-TO-HEEL LENGTH (UL)** (See measuring guide on back page for more details)

Knee to Heel in mm							
290mm DDA1670	○	300mm DDA1671	○	310mm DDA1672	○	320mm DDA1673	○
330mm DDA1674	○	340mm DDA1675	○	350mm DDA1676	○	360mm DDA1677	○
370mm DDA1678	○	380mm DDA1679	○	390mm DDA1680	○	400mm DDA1681	○
410mm DDA1682	○	420mm DDA1683	○	430mm DDA1684	○	440mm DDA1685	○
450mm DDA1686	○	460mm DDA1687	○	470mm DDA1688	○	480mm DDA1689	○

On a 75° Carbon frame: Knee to heel (UL) must be a minimum of 30mm less than front seat height

Knee to heel must be measured taking away the cushion thickness

Knee to heel lengths of less than 390mm in certain configurations could be delivered with an upmounted footplate

**BACKREST**
**BACKREST MATERIAL**

DDA0730	Aluminium	◆
DDA0731	Titanium (NC: 0703,0772)	£150

**BACKREST TYPE**

DDA0770	<input checked="" type="checkbox"/> Standard backrest	◆
---------	---	---

**BACK UPHOLSTERY**

DDA0722	Black & Grey Nylon upholstery with tension adjustable back (NC: 0733)	◆
DDA0721	Light back upholstery (Note: No tension adjustment with this option) (NC: 0703,0733)	○
DDA0735	Aero upholstery with tension adjustable back (NC: 0733)	£163
DDA0772	Without upholstery, for fitting fixed backrests. Backpost height 285mm (NC: 0751,0702,0703,0704)	○

Order No :

Customer Ref :

Kuschall K-SERIES CARBON  
2 of 8

Subject to Invacare's standard terms conditions.  
Invacare reserve the right to alter product specification without prior notice.

<b>PUSH HANDLES</b>			
DDA0750		Without push handles	◆
DDA0751		Fixed push handles short	£97
DDA0702		Fixed push handles long	£97
DDA0703		Height adjustable, rear set (NC: 1411)	£185
DDA0704		Foldable push handles	£144
DDA0733		Height adjustable integrated push handles, for without upholstery	£160
<b>BACKREST ANGLE</b>			
DDA0707		74° Angle from the seat	○
DDA0718		78° Angle from the seat	○
DDA0709		82° Angle from the seat	◆
DDA0719		86° Angle from the seat	○
DDA0711		90° Angle from the seat	○
<b>SEATING</b>			
<b>SEAT UPHOLSTERY</b>			
DDA0610		Standard	◆
DDA0615		Light seat upholstery	£50
DDA0611		Tension adjustable seat with one central velcro band (loop)	£32
<b>SEAT BAG/POUCH</b>			
DDA0606		Seat Bag/Pouch (Mounted underneath seat, removable)	£53
<b>SEAT CUSHION</b>			
DDA0600		Seat cushion 8cm foam with visco layer	£48
<b>FOOTREST</b>			
<b>FOOTREST MATERIAL</b>			
DDA1508		Aluminium	◆
DDA1509		Titanium (NC: 1570)	£135
<b>FOOTREST</b>			
DDA1510		Foot tube, rigid (NC: 1570)	◆
DDA1513		Footplate cover (NC: 1570)	£25
<b>FOOTPLATE</b>			
DDA1570		Carbon footplate, angle adjustable	£150
<b>CLOTHESGUARDS/MUDGUARDS</b>			
<b>With suspension, distance between tyre and mudguard is 40mm</b>			
DDA1401		Carbon clothes guards (NC: 1408)	◆
DDA1408		Carbon mud guards (NC: 1416,1421)	£205
<b>ARMRESTS (Includes clothesguards)</b>			
DDA1416		Armrest, height adjustable, short	£120
DDA1421		Armrest height adjustable, long	£120
<b>TUBULAR ARMREST: If tubular arms are required, in combination with back heights of 270-330mm only fixed or without push handles are available</b>			
DDA1411		Tubular armrest. Height adjustable, removable, swing-away & comfort padded	£175
<b>COLOUR-POWER-SET</b>			
<b>CPS comprises of rear wheel rims, wheel hub and Q/R push buttons, castor forks, castor housing caps, seat module caps and backrest plate</b>			
DDA0330		Colour-Power-Set techno-anthracite	£163
DDA0334		Colour-Power-Set b-blue	£163
DDA0329		Colour-Power-Set comet red	£163
DDA0336		Colour-Power-Set artic blue	£163
DDA0337		Colour-Power-copper glaze	£163
DDA0338		Colour-Power-chrome Starec wheel rim supplied in black when Chrome CPS is selected	£163
DDA0339		Colour-Power-champagne	£163
DDA0340		Colour-Power-olive	£163
<b>SUSPENSION Maximum load 100 kg</b>			
DDA0630		User weight 40-65 kg (6-10 Stone)	£185
DDA0631		User weight 65-85 kg (10-13 Stone)	£185
DDA0632		User weight 85-100 kg (13-15.7 Stone)	£185

Order No :

Customer Ref :

Kuschall K-SERIES CARBON  
3 of 8

Subject to Invacare's standard terms conditions.  
Invacare reserve the right to alter product specification without prior notice.

FRONT WHEEL			
DDA0800		75mm (3") Supersport	○
DDA0801		100mm (4") Everyday wheel with black tyre	○
DDA0803		100mm (4") Starec techno-anthracite	£46
DDA0807		100mm (4") Starec b-blue	£46
DDA0808		100mm (4") Starec comet red	£46
DDA0830		100mm (4") Starec copper glaze	£46
DDA0831		100mm (4") Starec artic blue	£46
DDA0809		100mm (4") Starec black	£46
DDA0861		100mm (4") Starec chrome	£46
DDA0825		100mm (4") Starec champagne	£46
DDA0826		100mm (4") Starec olive	£46
DDA0824		100mm (4") Skater wheel	£46
DDA0860		100mm (4") Comfort wheel with black tyre	○
DDA0810		125mm (5") Light wheel with black tyre	○
DDA0863		125mm (5") Comfort wheel with black tyre	◆
DDA0813		125mm (5") Starec techno anthracite	£46
DDA0817		125mm (5") Starec b-blue	£46
DDA0818		125mm (5") Starec comet red	£46
DDA0833		125mm (5") Starec copper glaze	£46
DDA0832		125mm (5") Starec artic blue	£46
DDA0819		125mm (5") Starec black	£46
DDA0862		125mm (5") Starec chrome	£46
DDA0827		125mm (5") Starec champagne	£46
DDA0828		125mm (5") Starec olive	£46
REAR WHEEL FIXATION			
DDA0250	X	Standard rear wheel position	◆
AXLE TUBE TYPE			
<b>10° Camber on Vario-Ax only locks with an Active Brake</b>			
DDA0276		Vario-Ax, adjustable Camber 1/3/7/10° (NC: 1302)	£205
DDA0277		Standard axle	◆
DDA0278		Carbon axle (reduces weight by 180g) (NC: 1705)	£145
CAMBER ANGLE			
DDA0270		0° camber	○
DDA0271		3° camber	◆
DDA0272		6° camber	○
QUAD RELEASE AXLE			
DDA0909		Quad quick release axle	£62
REAR WHEEL SIZE			
DDA0902		609mm (24") wheel (NC: 0918)	◆
DDA0925		635mm (25") wheel (NC: 0906,0908,0913,0915)	○
DDA0903		660mm (26") wheel (NC: 0906,0908,0918,0913,1303,1705)	○
REAR WHEEL TYPE			
DDA0915		609mm (24"), 660mm (26") Kuschall Starec black rim & hub colourless or rim and hub in CPS if selected (NC: 1399)	◆
DDA0908		609mm (24") High performance wheel (Starec hub & rim black, hub only in CPS if selected) (NC: 0910,0911,1004,1006,1007,1399)	£185
DDA0918		635mm (25") High Performance wheels (Starec hub & rim black, hub only in CPS if selected) (NC: 0910,0911,1001,1002,1004,1006,1007,1102,1104,1106,1200,1202,1399)	£266
DDA0913		609mm (24") Mountain Bike, fitted with specific 24" x 1.75" tyre Choice of Aluminium or Supergripp handrim (NC: 0910,0911,1001,1002,1004,1006,1011,1010,1007,1104,1106,1120,1202,1399)	£164
DDA0906		609mm (24") Spinergy L XK wheel, hub, rim & spokes black (NC: 0910,0911,1004,1006,1007,1200,1202,1399)	£445
DDA0927		609mm (24") Wheel with integrated hub brakes (Silver spokes with black hub and rim)	£500
SPOKE TYPE (Only specify when selecting Starec wheels option DDA0915)			
DDA0910		Crossed spoked	◆
DDA0911		Radial spoked	£97
REAR WHEEL TYRE			
DDA1001		609mm (24"), 660mm (26") Light wheel 7 bar	◆
DDA1002		609mm (24") Profile tyre 7 bar	○
DDA1004		609mm (24") Solid tyre, profil, grey	£48
DDA1006		609mm (24") Solid tyre black (KIK)	£63
DDA1011		609mm (24"), 635mm (25") Schwalbe One tyre	£62
DDA1010		609mm (24"), 635mm (25"), 660mm (26") Marathon Evo tyre (NC: 1020)	£73
DDA1007		609mm (24") Solid tyre Light, grey	£48

Order No :

Customer Ref :

Kuschall K-SERIES CARBON  
4 of 8

Subject to Invacare's standard terms conditions.  
Invacare reserve the right to alter product specification without prior notice.

ANTI-FLAT PROTECTION		
DDA1020	Anti-flat tyre tube protection	£15
HANDRIM		
DDA1102	559mm (22"), 609mm (24"), 660mm (26") Supergripp, long tab, 2 hole set at 3 cm distance	£145
DDA1104	609mm (24"), 660mm (26") Steel polished, short tab, 1 hole set at 3 cm distance	£45
DDA1106	609mm (24") Titanium, short tab, 1 hole set at 3 cm distance	£128
DDA1120	609mm (24"), 635mm (25") Surge LT 30mm dist	£237
DDA1113	559mm (22"), 609mm (24"), 635mm (26") Light Alu grey, short tab, 1 hole set at 3 cm distance	◆
DDA1114	559mm (22"), 609mm (24"), 635mm (26") Light Alu grey, long tab, 2 hole set at 4 cm distance	○
DDA1117	559mm (22"), 609mm (24"), 635mm (26") Light Alu black, short tab, 1 hole set at 3 cm distance	£30
SPOKE GUARDS		
DDA1200	Transparent	£85
DDA1202	609mm (24") Kuschall	£85
SAFETY		
BRAKES		
DDA1300	Standard brake lever bent	◆
DDA1302	Performance brake (NC: 1310)	£55
DDA1303	Active/Scissor brake (NC: 1310)	£55
DDA1399	Without brake Can only be selected with DDA0927, wheel with hub brakes	○
SAFETY OPTIONS		
BRAKE EXTENSION LEVER		
DDA1310	Extension lever for standard brake	£32
DDA1730	Seat belt (NC: 1770)	£54
DDA1770	Transportation kit includes seat belt and tie down labels	£54
ANTI TIPPER		
DDA1702	Anti-tipper tube right	£89
DDA1703	Anti-tipper tube left	£89
DDA1704	Anti-tipper tube both sides	£178
DDA1705	Active Anti-tipper	£150
ACCESSORIES		
DDA1715	Air Pump	£10
DDA1712	Kuschall watch, right side, mounted in castor housing (NC: 1713)	£77
DDA1713	Kuschall watch, left side, mounted in castor housing	£77
DDA1717	x Tool Kit	◆
DDA1739	Front frame protectors 1 pair (Not with upmounted footplate)	£24
DDA1745	Bottle holder	£20
DDA1746	Mobile phone holder	£20
PRICE		
		Total Price £

Order No :

Customer Ref :

Kuschall K-SERIES CARBON  
5 of 8

Subject to Invacare's standard terms conditions.  
Invacare reserve the right to alter product specification without prior notice.

<b>Non Conforming Items Guide</b>	
DDA0702	Push handles fixed long
DDA0703	Height adjustable rear set push handles
DDA0704	Foldable push handles
DDA0733	Height adjustable integrated push handles
DDA0751	Push handles fixed short
DDA0772	Without backrest upholstery
DDA0906	24" Spinergy LX wheels
DDA0908	24" High Performance wheel
DDA0910	Crossed spoked
DDA0911	Radial spoked
DDA0913	24" Mountain Bike wheel
DDA0915	24", 26" küschall Starec
DDA0918	25" High Performance wheel
DDA1001	Light wheel 7 bar
DDA1002	Profile tyre 7 bar
DDA1004	Solid tyre, profil, grey
DDA1006	Solid tyre (KIK) black
DDA1007	Solid tyre Light, grey
DDA1010	Marathon Evolution tyre
DDA1011	Schwalbe One tyre
DDA1020	Anti-flat tyre tube protection
DDA1102	Supergripp handrim, 24", 26" dist. 3 cm
DDA1104	Steel polished handrim, 24", 26" dist. 3 cm
DDA1106	Titanium handrim, 24 "dist. 3 cm
DDA1120	Surge LT Handrim
DDA1200	Transparant Spokeguards
DDA1202	Küschall Spokeguards
DDA1302	Performance brake
DDA1303	Active brake
DDA1310	Extension lever for standard brake
DDA1399	Without brakes
DDA1408	Carbon mud guards
DDA1411	Tubular armrest, height adjustable, removable, swing-away, comfort padded
DDA1416	Siderest, height adjustable, short
DDA1421	Siderest height adjustable, long
DDA1570	Carbon footplate angle adjustable
DDA1705	Active Anti-tipper
DDA1713	Kuschall watch left
DDA1770	Transportation kit includes seat belt & tie down labels (available on back heights of 405mm and above)

### CARBON K Series Frame Compatibility Table

The dimensions within this table give instances where the footplate will be standard mounted.  
Any measurements outside of this table may result in the chair being delivered with an upmounted footplate.

	Frame Type	24" Rear Wheels			25" Rear Wheels			26" Rear Wheels		
		Front seat to floor (mm)	Knee to heel (mm)		Front seat to floor (mm)	Knee to heel (mm)		Front seat to floor (mm)	Knee to heel (mm)	
			Std footplate	Flip-Up footplate		Std footplate	Flip-Up footplate		Std footplate	Flip-Up footplate
<b>Carbon</b>	Carbon	<b>490</b>	380-460	340-460	<b>500</b>	380-470	340-470	<b>510</b>	380-480	340-480
		<b>500</b>	390-470	350-470	<b>510</b>	390-480	350-480	<b>520</b>	390-490	350-490

#### My Kuschall special build instructions

Please fill out the required measurements in the table if applicable and give full details of the special request in the space provided below.




---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

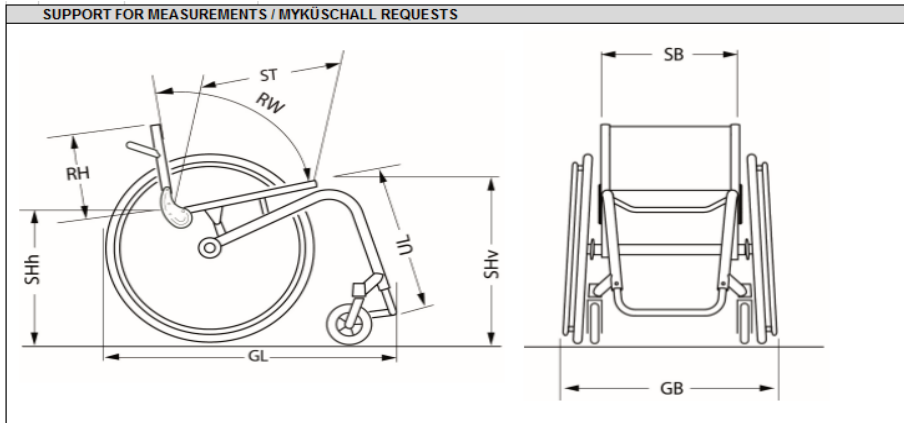
---

---



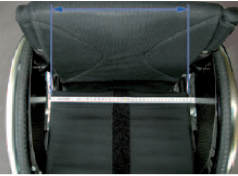

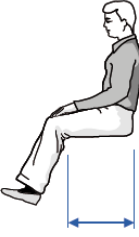





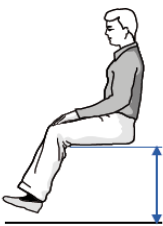
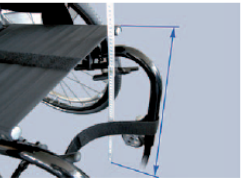



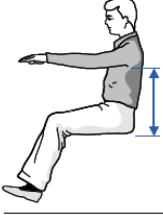

---

---

Customized Measurements	
Seat Width (SB)	
Seat Depth (ST)	
Back Height (RH)	
Front Seat Height (SHv)	
Rear Seat Height (SHh)	
Knee to Heel (UL)	
Backrest Angle (RW)	
Chair Length/ Chair Width (GL/GB)	
Client Weight	
Client Height	



Measuring Guide

	User measurement*	Wheelchair measurement
 <p><b>Seat width (SB)</b></p> <p>The seat width determines the user's comfort and performance. It must be wide enough to ensure good weight distribution, but narrow enough to allow easy manipulation of the wheelchair.</p>	 <ul style="list-style-type: none"> <li>Let the person sit on a flat surface.</li> <li>Position vertical blocks left and right of the hips and measure the distance between the blocks.</li> <li>Add approximately 2 cm to cater for winter clothing for the wheelchair measurement.</li> </ul>	 <ul style="list-style-type: none"> <li>Remove the seat cushion.</li> <li>Measure the distance between the outer edges of the seat cover at the rear of the wheelchair.</li> </ul> <p>Ultra-Light / Compact: For the seat width add 0,5 cm to the measured distance.</p>
 <p><b>Seat depth (ST)</b></p> <p>A correct seat depth measurement enables an even distribution of the user's weight across the whole seating base, thereby avoiding pressure points and skin irritation in the area behind the knee.</p>	 <ul style="list-style-type: none"> <li>Let the person sit on a flat surface.</li> <li>Measure the distance from the rear most point of the buttocks/lower back to the hollow at the back of the knee.</li> <li>Subtract approximately 4 cm (depending on user's physique and the legrest angle) to give the wheelchair measurement.</li> </ul>	 <ul style="list-style-type: none"> <li>Remove the seat cushion.</li> <li>Measure the distance from the front edge of the backrest tube (without upholstery) to the front edge of the seat cover.</li> </ul>
 <p><b>Leg length (UL)</b></p> <p>The leg length measurement establishes the correct height for the footplates, which will enable part of the body weight to be taken by the feet. Footplates must have at least 2 cm clearance above the ground.</p>	 <ul style="list-style-type: none"> <li>Let the person sit on a flat surface.</li> <li>Measure the distance from the heel of the shoe to the hollow at the back of the knee.</li> <li>Subtract any cushion thickness to give the wheelchair measurement.</li> </ul>	 <ul style="list-style-type: none"> <li>Remove the seat cushion.</li> <li>Measure the distance from the back edge of the footplate to the front edge of the seat cover (without sagging of cover).</li> </ul>
 <p><b>Front seat height (SHv)</b></p> <p>A correct seat height measurement will ensure the optimum driving efficiency and can give more clearance to fit underneath tables.</p>	 <ul style="list-style-type: none"> <li>Let the person sit on a flat surface.</li> <li>Measure the vertical distance from the ground to the hollow at the back of the knee.</li> <li>This measurement should not be less than the leg length (UL) + 4 cm to allow sufficient footplate clearance above the ground.</li> <li>Subtract any cushion thickness to give the front seat height (SHv) wheelchair measurement.</li> </ul>	 <ul style="list-style-type: none"> <li>Remove the seat cushion.</li> <li>Measure the vertical distance from the floor to the top of the front edge of the seat cover (without sagging of cover).</li> </ul>
 <p><b>Rear seat height (SHh)</b></p>	<ul style="list-style-type: none"> <li>Rear seat height is determined by the front seat height, the seat angle and the seat depth.</li> </ul>	 <ul style="list-style-type: none"> <li>Remove the seat cushion.</li> <li>Measure the vertical distance from the floor to the top of the rear edge of the seat cover (without sagging of cover).</li> </ul>
 <p><b>Backrest height (RH)</b></p> <p>The backrest height is dependent on the user's degree of disability. A correct backrest height should maintain a good posture whilst allowing the permitted freedom of movement.</p>	 <ul style="list-style-type: none"> <li>Let the person sit on a flat surface.</li> <li>Measure the vertical distance from the seat platform to the scapulas.</li> <li>If more trunk support is required, measure from the seat platform up to the required level of support.</li> <li>If less trunk support is required reduce the backrest height in order to improve activity.</li> </ul>	 <ul style="list-style-type: none"> <li>Remove the seat cushion.</li> <li>Remove back cover.</li> <li>Measure the distance from the top of the seat frame to the top of the backrest straps.</li> </ul>

\* To be done by a specially trained person