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January 2019

Customer Ref:	Account No :
Contact No:	Order No :
Delivery address:	Order Qty :
	Order Date :

**Küschall® THE KSL**  
RETAIL

**Standard Features**



- Max user weight 100kg (16 stone)
- Active, Fully Welded, Lightweight, Rigid Wheelchair with Height Adjustable Rigid Footrest
- Aluminium Front Frame 75° or 90° Front Angle
- 24" Self Propel Q/R Wheels with Grey Aluminium Handrims & Schwalbe Black & Grey Pneumatic Tyres
- Choice of 6 Seat Widths 340mm to 440mm (13" - 17")
- Choice of 5 Seat Depths 385mm to 485mm (15" - 19")
- Range of Front Seat Heights from 450mm to 530mm (17" - 21")
- Range of Rear Seat Heights from 400mm to 480mm (15" - 19")
- Lockdown Folding, Angle & Height Adjustable Backrest
- Black Nylon Upholstery
- Without Push Handles, Carbon Clothesguards
- Carbon Fibre Axle Tube with 3° Camber
- Black Comfort Front Castor
- Standard Brake Lever Bent
- Tool Kit

**Standard Base Price £2,415**



<input checked="" type="checkbox"/>	<b>Please make your selection with a cross in the box</b>	<input checked="" type="checkbox"/> <b>Standard feature</b>	<input type="checkbox"/> <b>Free of Charge</b>
	<b>Customer weight =</b>	<b>Kg</b>	
<b>Code</b>	<b>Description</b>		<b>Retail</b>
DDX0085	Küschall® KSL Aluminium		£2,415
DDX0000	My Küschall® KSL Aluminium Special Basic Model - PLEASE COMPLETE DETAILS AT THE END OF THE FORM		P.O.A.

**SEATING CHOICE**

**75° ALUMINIUM FRAME**

DDX0221	KSL 75° Aluminium front frame		◆
DDX0285	KSL 75° Tapered Aluminium front frame		○

**90° ALUMINIUM FRAME**

DDX0222	KSL 90° Aluminium front frame	Not with 5" front castors.	○
DDX0290	KSL 90° Aluminium tapered front frame	Not with 5" front castors.	○

**SEAT WIDTH (SW) & SEAT DEPTH (SD)**

		Seat Width in mm					
		340mm DDX0124	360mm DDX0126	380mm DDX0128	400mm DDX0130	420mm DDX0132	440mm DDX0134
Seat Depth in mm	385mm DDX0414	○	○	○	○	○	○
	410mm DDX0417	○	○	○	○	○	○
	435mm DDX0420	○	○	○	○	○	○
	460mm DDX0423	○	○	○	○	○	○
	485mm DDX0426	○	○	○	○	○	○

Matrx seat cushions are not available with 340mm seat width, option DDX0124

Matrx backrests are not available with 340mm seat width, option DDX0124

Matrx Libra cushion is compatible with seat sizes 360-440mm wide and 410-485mm deep

Matrx Vi cushion is compatible with seat sizes 360-440mm wide and 410-485mm deep

360mm seat width Matrx Libra & Vi cushions is only available with 400mm & 420mm seat depths

**BACK HEIGHT (BH)**

Back Height in mm							
270mm DDX0548	○	285mm DDX0580	○	300mm DDX0550	○	315mm DDX0503	○
330mm DDX0506	○	345mm DDX0509	○	360mm DDX0512	○	375mm DDX0514	○
390mm DDX0516	○	405mm DDX0518	○	420mm DDX0520	○		

Matrx backrests are available with The KSL. Specific backposts supplied in aluminium, no back height selection required. The chair can be supplied with Matrx fitted or supplied without upholstery for retro fitting a backrest. If either is required, select option 9999. Refer to the Matrx section for backrest option details.

In combination with Matrx backrests, only Without push handles, option DDX0750 and Integrated push handles, option DDX0733 are possible

DDX9999

Backposts to suit Matrx or fixed backrests. Supplied without upholstery and backposts are 255mm high. Compatible with fixed or folding backrest

○

**FRONT SEAT-TO-FLOOR (FSTF)**

Front Seat to Floor in mm					
450mm DDX0847	460mm DDX0848	470mm DDX0849	480mm DDX0850	490mm DDX0851	500mm DDX0852
○	○	○	○	○	○
500mm DDX0852	510mm DDX0853	520mm DDX0854	530mm DDX0855		
○	○	○	○		

Front seat height 450mm only with 24" rear wheels

Rear seat height can be a minimum of 20mm lower and a maximum of 100mm lower than front seat height

**REAR SEAT-TO-FLOOR (RSTF)**

Rear Seat to Floor in mm				
400mm DDX0945	410mm DDX0946	420mm DDX0947	430mm DDX0948	440mm DDX0949
○	○	○	○	○
450mm DDX0950	460mm DDX0951	470mm DDX0952	480mm DDX0953	
○	○	○	○	

Rear seat height 400mm only with 24" rear wheels

Rear seat height 400mm only with 24" rear wheels

**LOWER LEG LENGTH (LLL)**

350mm DDX1676	○	360mm DDX1677	○	370mm DDX1678	○	380mm DDX1679	○
390mm DDX1680	○	400mm DDX1681	○	410mm DDX1682	○	420mm DDX1683	○
430mm DDX1684	○	440mm DDX1685	○	450mm DDX1686	○	460mm DDX1687	○
470mm DDX1688	○	480mm DDX1689	○	490mm DDX1690	○	500mm DDX1691	○

On 75° frames the lower leg length (LLL) must be between 100mm and 30mm shorter than the front seat height

On 90° frames the lower leg length (LLL) must be between 80mm and 40mm shorter than the front seat height

Lower leg lengths 350mm & 360mm are only possible with 75° front frames, options DDX0222 & DDX0290

**BACKREST**
**BACKREST TYPE**

DDX0734	Folding Aluminium angle adjustable backrest	<b>Important note: Seat width increases by approx. 15mm with folding backrest option</b>	◆
DDX0736	Fixed Aluminium backrest		○

**BACK UPHOLSTERY**

DDX0700	Standard black nylon upholstery (Note: No tension adjustment with this option)		◆
DDX0726	Premium black nylon with reflective trim upholstery cover, tension adjustable back		£110
DDX0735	Aero, breathable spacer upholstery with tension adjustable back		£180
DDX0769	Without backrest upholstery, select only if fitting Matrx backrest or retro fitting a backrest		○

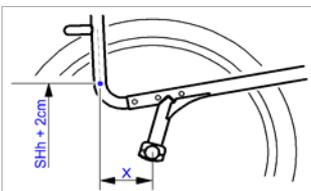
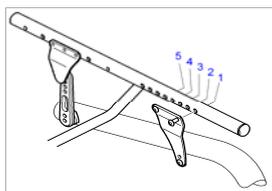
Order No :

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

MATRIX BACKREST (Hardware is supplied mounted to the backposts with the backrest supplied in the box with the wheelchair, extra leadtime applies)			
DDX0764	Matrx MX2 with Mini-set hardware	Height of backrest 150mm	£595
DDX0765	Matrx MX2 with Mini-set hardware	Height of backrest 230mm	£595
DDX0766	Matrx MX2 with Mini-set hardware	Height of backrest 305mm	£595
DDX0767	Matrx MX2 with Mini-set hardware	Height of backrest 405mm	£595
DDX1111	Without Matrx backrest, select only if retro-fitting a fixed backrest		0
<p style="text-align: center;"><b>MX2 backs are compatible with seat widths 360mm - 440mm</b></p> <p style="text-align: center;"><b>Matrx MX2 backrests are only possible without push handles, option 0750 or integrated push handles, option 0733</b></p>			
 <p style="text-align: center;"><b>MX2 backrest supplied with Mini-set hardware, spacer fabric cover with leatherette side panels.</b></p> <p style="text-align: center;"><b>Maximum user weight 100kg/16 Stone</b></p>			 <p style="text-align: center;"><b>Shown mounted to backposts</b></p>
PUSH HANDLES			
DDX0750	Without push handles		◆
DDX0751	Fixed push handles short		£107
DDX0702	Fixed push handles long		£107
DDX0704	Foldable push handles		£159
DDX0733	Height adjustable integrated push handles, for without upholstery		£176
BACKREST ANGLE			
DDX0707	74° Angle from the seat		○
DDX0718	78° Angle from the seat		○
DDX0709	82° Angle from the seat		◆
DDX0719	86° Angle from the seat		○
DDX0711	90° Angle from the seat		○
SEAT UPHOLSTERY			
DDX0610	Standard		◆
DDX0615	Light seat upholstery		£55
SEAT CUSHION			
DDX0600	Seat cushion 60mm foam with visco layer		£53
DDX0662	Matrx Libra with Black Smooth cover	Matrx Libra is compatible with seats 360-440mm wide & 410-485mm deep	£319
DDX0663	Matrx Vi with Black Meshtex cover	Matrx Vi is compatible with seats 360-440mm wide and 410-485mm deep	£335
DDX0663	High risk pressure & positioning cushion		
CLOTHESGUARDS/MUDGUARDS			
DDX1400	Carbon clothes guards, fixed to maintain rigidity in the frame		◆
DDX1405	Carbon mud guards, fixed to maintain the rigidity in the frame	(NC: 1302)	£205
FOOTREST RIGID			
DDX1508	Aluminium	(NC: 1570)	◆
DDX1509	Titanium	(NC: 1570)	£149
DDX1513	Foot tube cover select with foot tube rigid options only	(NC: 1570)	£30
FOOTPLATE ANGLE ADJUSTABLE			
DDX1570	Carbon footplate, angle adjustable		£182
FRAME COLOUR			
DDX0300	Glossy black		○
DDX0303	Royal red		○
DDX0314	Black matt		○
DDX0315	Silver grey		○
DDX0354	Night shimmer		○
DDX0356	Ivory white		○
DDX0358	Smokey grey		○
DDX0359	Flashy yellow		○
DDX0365	Mercury blue		○
DDX0366	Dynamite orange		○
DDX0367	Atomic violet		○
DDX0368	Nitro pink		○
COLOUR-POWER-SET			
<b>CPS comprises of rear wheel hubs and quick release push buttons, Starec wheel rims, castor forks, castor housing caps</b>			
DDX0338	Colour-Power-Set chrome	Starec wheel rim supplied in black when Chrome CPS is selected	£180
DDX0330	Colour-Power-Set techno-anthracite		£180
DDX0329	Colour-Power-Set comet red		£180
DDX0337	Colour-Power-copper glaze		£180
DDX0339	Colour-Power-champagne		£180
DDX0334	Colour-Power- b-blue		£180
DDX0336	Colour-Power- arctic blue		£180
DDX0340	Colour-Power-olive		£180

FRONT WHEEL (5" Front castors are not available with 90° front frame)																							
DDX0800	75mm x 25mm (3" x 1") Supersport		○																				
DDX0801	100mm x 30mm (4" x 1.2") Everyday wheel with black tyre		○																				
DDX0860	100mm x 30mm (4" x 1.2") Comfort wheel with black tyre		○																				
DDX0809	100mm x 25mm (4" x 1") Starec black hub, black tyre		£67																				
DDX0861	100mm x 25mm (4" x 1") Starec chrome hub, black tyre		£67																				
DDX0803	100mm x 25mm (4" x 1") Starec techno-anthracite hub, black tyre		£67																				
DDX0808	100mm x 25mm (4" x 1") Starec comet red hub, black tyre		£67																				
DDX0830	100mm x 25mm (4" x 1") Starec copper glaze hub, black tyre		£67																				
DDX0825	100mm x 25mm (4" x 1") Starec champagne hub, black tyre		£67																				
DDX0807	100mm x 25mm (4" x 1") Starec b-blue hub, black tyre		£67																				
DDX0831	100mm x 25mm (4" x 1") Starec arctic blue hub, black tyre		£67																				
DDX0826	100mm x 25mm (4" x 1") Starec olive hub, black tyre		£67																				
DDX0796	100mm x 36mm (4" x 1.4") Softroll aluminium, black hub, black tyre		£75																				
DDX0797	100mm x 36mm (4" x 1.4") Softroll aluminium, silver hub, black tyre		£75																				
DDX0810	125mm x 30mm (5" x 1.2") Everyday wheel with black tyre		○																				
DDX0863	125mm x 30mm (5" x 1.2") Comfort wheel with black tyre		◆																				
DDX0819	125mm x 25mm (5" x 1") Starec black hub, black tyre		£67																				
DDX0862	125mm x 25mm (5" x 1") Starec chrome hub, black tyre		£67																				
DDX0813	125mm x 25mm (5" x 1") Starec techno-anthracite hub, black tyre		£67																				
DDX0818	125mm x 25mm (5" x 1") Starec comet red hub, black tyre		£67																				
DDX0833	125mm x 25mm (5" x 1") Starec copper glaze hub, black tyre		£67																				
DDX0827	125mm x 25mm (5" x 1") Starec champagne hub, black tyre		£67																				
DDX0817	125mm x 25mm (5" x 1") Starec b-blue hub, black tyre		£67																				
DDX0832	125mm x 25mm (5" x 1") Starec arctic blue hub, black tyre		£67																				
DDX0828	125mm x 25mm (5" x 1") Starec olive hub, black tyre		£67																				
DDX0798	125mm x 36mm (5" x 1.4") Softroll aluminium, black hub, black tyre		£75																				
DDX0799	125mm x 36mm (5" x 1.4") Softroll aluminium, silver hub, black tyre		£75																				
PERSONALISED BEARING BLOCK CAPS Fill in the table below with the lettering of your choice, maximum of 10 characters on each line.																							
SWO0832	Bearing block cap personalised with the lettering or numbers of your choice (Cap supplied in CPS if selected)	Line 1 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> Line 2 <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>																					POA
REAR WHEEL POSITION (Measurement X)																							
DDX0263	140mm Position 1	 	○																				
DDX0264	125mm Position 2		○																				
DDX0265	110mm Position 3		◆																				
DDX0266	95mm Position 4		○																				
DDX0267	80mm Position 5		○																				
			<b>Comparison with the K-Series seat module positions. Position 1 is most active, position 5 is most stable</b>  <b>The chosen position is welded and cannot be adjusted</b>																				
CAMBER ANGLE SUPPLIED ON CARBON AXLE																							
DDX0270	0° camber		○																				
DDX0271	3° camber		◆																				
DDX0272	6° camber		○																				
QUAD RELEASE AXLE																							
DDX0909	Quad quick release axle	(NC: 0906,0912,0927)	£69																				
REAR WHEEL SIZE																							
DDX0902	24" wheel		◆																				
DDX0925	25" wheel	High Performance or Spinerge wheels only	○																				
REAR WHEEL TYPE																							
DDX0915	24" Kuschall Starec with crossed spokes (Starec hub colourless, rim black or in CPS if selected)	(NC: 1399)	◆																				
DDX0908	24" & 25" High performance wheel (Starec hub, spokes & rim black, hub only in CPS if selected)	(NC: 1399)	£293																				
DDX0906	24" Spinerge LXK wheel (Black lightweight hub, 18 spokes black, No CPS) Coloured spokes are available via MyKuschall, please indicate requirements in the space provided at the end of the form.	(NC: 1200,1202,1208,1399)	£490																				
DDX0912	25" Spinerge LXK wheel (hub, rim & spokes black) CPS not offered Coloured spokes are available via MyKuschall, please indicate requirements in the space provided at the end of the form.	(NC: 1200,1202,1208,1399)	£490																				
SWO0907	24" or 25" Spinerge SPOX wheel (18 spokes in black, no CPS) Coloured spokes are available via MyKuschall, please indicate requirements in the space provided at the end of the form.	(NC: 1200,1202,1208,1399)	£390																				
SWO0909	24" or 25" Spinerge LX wheel (12 spokes in black no CPS). Coloured spokes are available via MyKuschall, please indicate requirements in the space provided at the end of the form.	(NC: 1200,1202,1208,1399)	£590																				
DDX0927	24" Wheel with integrated hub brakes (Silver spokes with black hub and rim) CPS not available		£550																				
REAR WHEEL TYRE																							
DDX1011	24", 25" Schwalbe One V Guard, puncture resistant black pneumatic tyre		£78																				
DDX1013	24" Schwalbe Rightrun blue pneumatic tyre		£53																				
DDX1014	24", 25" Schwalbe rightrun black & grey pneumatic tyre		○																				
DDX1010	24", 25" Marathon Plus black pneumatic tyre with Smartguard 5mm layer of protective rubber infill (NC: 1020)		£80																				

HANDRIM			
DDX1113	22", 24" Light Alu grey, short tab, 1 hole set at 3 cm distance		◆
DDX1117	22", 24" Light Alu black, short tab, 1 hole set at 3 cm distance		£33
DDX1121	24" Carbolife Gekko black coated (fully integrated rubber strip for extra grip) mounted at 3cm distance 25" Gekko handrims are available via Myküschall		£335
DDX1122	24" Carbolife Curve L black coated (unique shaped profile for low-effort grip) mounted at 3cm distance 25" Curve L handrims are available via Myküschall		£299
DDX1106	24" Titanium, short tab, 1 hole set at 3 cm distance		£154
DDX1104	24" Steel polished, short tab, 1 hole set at 3 cm distance		£50
DDX1102	22", 24" Supergripp, long tab, 2 hole set at 3 cm distance		£180
DDX1120	24", 25" Surge LT 30mm dist		£299
SPOKE GUARDS			
DDX1200	24" Transparent		£101
DDX1202	24" Kuschall Black with white logo		£101
DDX1208	24" Transparent and white with Kuschall logo in black		£101
SAFETY			
BRAKES			
DDX1300	Push to lock brake lever bent		◆
DDX1302	Performance brake		£62
DDX1303	Active/Scissor brake	Not possible with seat depths 385mm & 410mm in combination with rear wheel position 140mm Not possible with rear wheel position 125mm with 25" wheels	£62
DDX1399	Without brake	Can only be selected with DDX0927, wheel with hub brakes	○
 <p><b>DDX1300</b> Push to lock brake, lever bent</p>  <p><b>DDX1302</b> Performance brake</p>  <p><b>DDX1303</b> Scissor/active brake</p>			
ANTI TIPPER			
DDX1702	Anti-tipper tube right		£98
DDX1703	Anti-tipper tube left		£98
DDX1704	Anti-tipper tube both sides		£196
SEAT BELT			
DDX1730	Seat belt		£89
ACCESSORIES			
DDX1739	Front frame protectors 1 pair (Not with upmounted footplate)		£30
DDX1715	Air Pump		£11
DDX1712	Kuschall watch, right side, mounted in castor housing		£85
DDX1713	Kuschall watch, left side, mounted in castor housing		£85
DDX1734	Mountain bike wheels with bag are supplied with aluminium handrims only, includes quick release axles		£250
DDX1717	x Tool Kit		◆
PRICE			
Non Conforming Items Guide			
DDX0906	Spinergy LXX rear wheels		
DDX0912	25" Spinergy LXX wheels		
DDX1200	Transparent Spokeguards		
DDX1202	Kuschall Spokeguards		
DDX1208	24" Transparent and white with Kuschall logo in black		
DDX1302	Performance brake		
DDX1399	Without brakes		
DDX1570	Carbon footplate angle adjustable		

