SUNRISE MEDICAL.

QUICKIE HELIUM

Invoice to:		Deliver to:	
Name:		Name:	
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Town:	Postal code:	Town:	Postal code:
E-Mail:		E-Mail:	
Tel:	Fax:	Tel:	Fax:
Order date:		Marked for:	
Purchase order:			

Fax number: **+44 (0)845 605 66 89**

Email: **orders@sunmed.co.uk**

Part No. 066001-000

MSH01

USER WEIGHT [＿＿＿＿＿] kg

Crash tested and passed without tie down brackets

PLEASE CHOOSE ONE OF THE FOLLOWING FRAME OPTIONS

Helium Generation 2013 *Maximum user weight 125kg*	HUM030017 *Helium Pro* *Maximum user weight 125kg* *Fixed welded axle position* *(no rear seat height adjustment & +/- 1cm centre of gravity adjustment)* *Standard angle adjustable back*	HUM030016 *Helium Pro* *Maximum user weight 100kg* *Fixed welded axle position* *(no rear seat height adjustment & +/- 1cm centre of gravity adjustment)* *Fixed welded backrest set at**
□ **Base price £2725** 5% Surcharge will be added to the total value of the order	□ **£399**	□ -4° (86°) □ -2° (88°) □ 0° (90°) □ **£532** □ +2° (92°) **Figures in brackets are angle to** □ +4° (94°) **ground** *Must choose Oval Shaped Backrest*

CLIENT MEASUREMENT

Seat width in cm (measured from outside frame tube to outside frame tube)

Seat depth in cm

	32	34	36	38	40	42	44	46
34	O	O	O	O	O	O	O	O
36	O	O	O	O	O	O	O	O
38	O	O	O	O	O	O	O	O
40	O	O	O	O	O	O	O	O
42	O	O	O	O	O	O	O	O
44	O	O	O	O	O	O	O	O
46	O	O	O	O	O	O	O	O
48	O	O	O	O	O	O	O	O

- Please note the procedure of the measurement is from the back
- All measurements are in cm and without a cushion

High frame is 4cm higher than **low frame** and you can choose shorter and lighter forks to minimise the weight of your wheelchair. See next page

Front seat height in cm

Front Castor	Fork (Length x Width)	Frame	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
3"	111 mm	Low	O	O	O												
	111 mm	High					O	O	O								
4"	111 mm (1)	Low		O	O	O	O										
	123 mm (2)				O	O	O	O									
	Frog Leg (2)						O	O	O								
	111 mm (1)	High						O	O	O	O						
	123 mm (2)								O	O	O	O					
	Frog Leg (2)									O	O	O					
5"	111 mm (1)	Low				O	O	O									
	123 mm (2)						O	O	O								
	Frog Leg (2)										O	O					
	111 mm (1)	High							O	O	O						
	123 mm (2)									O	O	O					
	Frog Leg (2)													O	O	
6"	123 mm (2)	Low					O	O	O								
	Frog Leg (2)											O					
	123 mm (2)	High									O	O	O				
	Frog Leg (2)																O

Your rear seat height can only be between 0cm and 13cm below your front seat height:

i.e. rear seat height CANNOT be above front seat height.

i.e. rear seat height CANNOT be more than 13cm below front seat height.
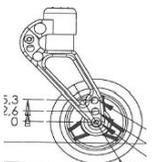
- More info, see page 2

4" & 5" soft roll and 5" & 6" soft solid are only available with a 45 mm fork

Carbotecture 111mm

One arm design 111mm

Frog Legs design 149mm length and 41mm width

(1): Also available as one arm fork; please choose the fork type on page 4

(2): Compatible with Power-Add on devices

REAR WHEELS

Rear wheel

Rear seat height in cm *(The ordered rear seat height is adjustable +/- 1cm on each chair. Excludes Helium Pro.)*

Wheels	37*	38*	39	40	41	42	43	44	45	46	47	48	49*	50*
24"	O	O	O	O	O	O	O	O	O	O	O	O	O	▨
25"	▨	O	O	O	O	O	O	O	O	O	O	O	O	O

With std seat upholstery decreasing rear seat height not possible in 37cm (24" wheel) and 38cm (25" wheel).

With std seat upholstery increasing rear seat height not possible in 49cm (24" wheel) and 50cm (25" wheel).

£

SEAT UPHOLSTERY

					£
		Seat sling standard			
HUM020002	O	With 1 utility bag	*(1)*		
HUM020003	☐	With 2 utility bags	*(1)*	*(only from SW 36cm)*	51
HUM020004	☐	With 1 utility bag and 1 catheter bag	*(1)*	*(only from SW 36cm)*	81
HUM020010	☐	**Seat Sling Clip Style - Airflow (user weight limit 100kg)**	*(1)*		192
HUM020005	☐	With 1 utility bag	*(1)*		239
HUM020006	☐	With 2 utility bags	*(1)*	*(only from SW 36cm Max 100Kg)*	270
HUM020007	☐	With 1 utility bag and 1 catheter bag	*(1)*	*(only from SW 36cm Max 100Kg)*	301
HUM020000	O	Without seat sling			
		Jay Cushions - for complete product range see Jay order forms			
JAY020002	☐	JAY Basic			55
JAY020003	☐	JAY Soft Combi P			77
JAY020001	☐	JAY Easy Visco, Curved Base			132
JAY020007	☐	JAY Easy Fluid, Curved Base			308
JAY020004	☐	JAY Lite			215

Seat cushion black cover composite foam

									£
a) Foam composite	Thickness:	HUM020101	☐	3cm	HUM020102	☐	5cm	*(medium)*	66
b) Latex	Thickness:	HUM020103	☐	5cm	HUM020104	☐	8cm	*(very soft)*	66

Seat cushion with water resistant / breathable cover

									£
a) Foam composite	Thickness:	HUM020105	☐	3cm	HUM020106	☐	5cm	*(medium)*	123
b) Latex	Thickness:	HUM020107	☐	5cm	HUM020108	☐	8cm	*(very soft)*	123

Seat accessories

			£
HUM090018	☐	Positioning belt with lock	42
HUM020150	☐	Spare cushion cover with zipper	44

BACKREST

			25 - 30		30 - 35		35 - 40		40 - 45			£
HUM030001	O	**Standard backrest**	25 - 30		30 - 35		35 - 40		40 - 45			
		Back height factory setting at (cm)	O	25	O	30	O	35	O	40		
			O	27.5	O	33	O	37.5	O	42.5		
			O	30	O	35	O	40	O	45		

												£
HUM030003	☐	**Oval shaped backrest** *(Non Height adjustable and please pick bar setting below)*										232
	O 25	O 27.5	O 30	O 32.5	O 35	O 37.5	O 40	O 42.5	O 45			
HUM030403	O	Stabilizer bar setting close (9.2cm)	HUM030404	O	Stabilizer bar setting wide (12.4cm)		*(distance away from the backrest)*				

				£
HUM030015	O	Back angle adjustable foldable	*(-31° to +15°; only in black anodizing)*	
HUM030012	O	Angle adjustable back (non folding)	*(-31° to +15°; only in black anodizing)*	
HUM030102	☐	Double locking (angle adjustable and folding, locks in folded position)	*(-31° to +15° anodised colour options on last page)*	54
HUM030103	☐	Backrest width ONE size smaller than standard (-2cm less than the seat width)	*(not available with Freestyle backrest)*	153

PUSH HANDLES

				£
HUM030200	O	Omit push handles		
HUM030201	O	Long	*(2)*	
HUM030203	☐	Fold-down push handles	*(2)* *(only available from 32.5cm standard back)*	129
HUM030211	☐	Removable push handles	*(only with Freestyle back)*	171
HUM030204	☐	Height adjustable push handles	*(not possible with OSB (4067) & from 32.5cm on the std backrest)*	171
HUM030205	☐	Height adjustable push handles for Jay backs		171

(1): no change from standard to clipstyle seat sling possible (and other way round) in the field afterwards

(2): not available with height adjustable push handles

	£

BACK UPHOLSTERY

												£
HUM030316	○	EXO backrest sling, synthetic fibre, padded, adjustable, 1 accessory bag black (EVO Exo Version)										
	Colour binding tape:		○ Black	○	Orange	○	Silver	○	Red	○	Blue	
HUM030317	□	EXO PRO backrest sling, synthetic fibre, padded, adjustable, breathable, spacer fabric, 1 accessory bag, black (EVO Exo Version)										147
	Colour binding tape:		○ Black	○	Orange	○	Silver	○	Red	○	Blue	
HUM030300	○	Without backrest upholstery										

FREESTYLE BACK, ANGLE ADJUSTABLE, FOLDABLE (not crash tested)

				£
HUM030089	□	**Freestyle back, J3 Aluminium backrest shell, shallow contour (SC)**	*(in frame colour)*	594
	○	Backrest shell height 31cm	*(backheight 325 - 425 mm)*	
		○ Backrest shell width 32cm - can be used from SW 32cm		
		○ Backrest shell width 37cm - can be used from SW 38cm		
HUM030090	□	**Freestyle back, J3 Carbon backrest shell, shallow contour (SC)**		713
	○	Backrest shell height 24cm	*(backheight 275 - 350 mm)*	
		○ Backrest shell width 32cm - can be used from SW 32cm		
		○ Backrest shell width 37cm - can be used from SW 38cm		
		○ Backrest shell width 42cm - can be used from SW 44cm		
	○	Backrest shell height 31cm	*(backheight 325 - 425 mm)*	
		○ Backrest shell width 32cm - can be used from SW 32cm		
		○ Backrest shell width 37cm - can be used from SW 38cm		
		○ Backrest shell width 42cm - can be used from SW 44cm		

JAY BACKRESTS

Shallow Contour

JAY3 Back - Shallow Contour

						£
Mid Thoracic:			□ Medium - 34 cm *(JAY030010)*		□ Tall - 38 cm *(JAY030033)*	506
Upper Thoracic:	□ Short - 42 cm *(JAY030012)*		□ Medium - 46 cm *(JAY030019)*		□ Tall - 50 cm *(JAY030025)*	572

JAY3 Back - Mid Contour

						£
Mid Thoracic:			□ Medium - 34 cm *(JAY030011)*		□ Tall - 38 cm *(JAY030018)*	506
Upper Thoracic:	□ Short - 42 cm *(JAY030013)*		□ Medium - 46 cm *(JAY030020)*		□ Tall - 50 cm *(JAY030026)*	572

JAY3 Carbon - Shallow Contour

				£
Low Thoracic:	□ Short - 17cm *(JAY060001)*		□ Tall - 24 cm *(JAY060002)*	605
Mid Thoracic:	□ Short - 30cm *(JAY060003)*		□ Tall - 32 cm *(JAY060004)*	605

JAY3 Accessory bag

			£
JAY090058	□ J3 Accessory Bag		50

JAY Accessories

				£
JAY030004	□	Jay Flip Back Headrest (J3EUHDFH & J3EUHDLSP)	*(only with J3 backs)*	255
JAY030006	□	Jay Std. Headrest (J3EUHDXH & J3EUHDLSP)	*(only with J3 backs)*	138

SIDE GUARDS & ARMRESTS

				£
HUM040101	□	Slim style carbon side guard **(1)**	*(slim style, carbon fibre)*	202
HUM040102	□	Straight side guard aluminium (without fender)		176
HUM040103	□	Fender side guard - aluminium	*(min seat height 39cm)*	242
HUM040104	□	Fender side guard - carbon	*(min seat height 39cm)*	316
HUM040107	□	Plastic detachable side guard	*(Quickie style)*	164
HUM040108	□	Tubular armrest, Aluminium, swing away (sideways), padded, removable **(4)**	*(not in combination with handbike axle)*	203
		Single post armrest with:	*(Quickie style; not with tubular armrest)*	
HUM040050	□ short armpad (25cm)	HUM040051 □ long armpad (33cm)		176
HUM040052	□	Single post, tool height adjustable armrest, depth adjustable (33cm) **(2)**	*(not with tubular armrest)*	202
HUM040000	○	Without side guard		

LEGREST & FOOTPLATES

				£
HUM050029	○	Lightweight tubular footrest	*(lower leg length 36cm - 52cm)*	
HUM050030	□	Tubular footrest lightweight with flat cover	*(lower leg length 36cm - 52cm)*	73
HUM050025	□	Platform footplate lightweight angle & depth adjustable composite	*(lower leg length 36cm - 52cm)*	149
HUM050024	□	Platform footplate lightweight angle & depth adjustable aluminium	*(lower leg length 36cm - 52cm)*	149
HUM050026	□	Platform footplate lightweight angle & depth adjustable carbon		305
HUM050034	□	Platform footplate lightweight angle & depth adjustable aluminium, high mounted	*(LLL 22 - 39cm)*	149
HUM050125	□	Performance footplate angle adjustable	*(lower leg length between 36cm - 52cm)*	222
HUM050127	□	Foot positioning plate	*(only with platform footplates lightweight angle & depth adjustable)*	21
HUM050128	□	Footboard, platform, plastic, angle and depth adjustable, flip-up (to the back) **(5)**	*(LLL from 33 cm; not with 6" castors)*	147
HUM050022	□	Footboard, divided, aluminium, angle-adjust., flip-up (sideways), frame colour **(3)**		147

LOWER LEG LENGTH (cm)

Attention: LLL has to be 3cm less than front seat height. All measurements are in cm

○	22	○	23	○	24	○	25	○	26	○	27	○	28	○	29	
○	30	○	31	○	32	○	33	○	34	○	35	○	36	○	37	
○	38	○	39	○	40	○	41	○	42	○	43	○	44	○	45	
○	46	○	47	○	48	○	50	○	51	○	52					

Low Frame: LLL 22-35cm only with high mounted footrest; for all other footrests from LLL 36-50cm

High Frame: LLL 22-39cm only with high mounted footrest; for all other footrests from LLL 39-52cm

(1):	*with 24" rear wheel minimum rear seat height 41cm; with 25" rear wheel minimum rear seat height 43cm*
(2)	*not with centre of gravity 9.2 & 10.4cm in combination with lightweight seat upholstery*
(3)	*Lower leg length from 38cm with low frame, from 42cm with high frame, not with 4" & 6" castor*
(4)	*only with slim style sideguard, Aluminium sideguard w/o fender or w/o sideguard. Not with lightweight upholstery.*
(5)	*user weight limitation 75kg, lower leg length from 33cm, not with 4" castor*

				£
		FRAME VERSIONS (first choose frame length, then frame angle and inset)		
HUM010206	O	Standard frame		
HUM010207	O	Long frame	*(not in combination with SD 46cm; recommended with narrow castor house position)*	
HUM010012	O	100º Fixed front frame (UK 80º) **(1)**		
HUM010013	□	92° Performance fixed front frame (UK 88°) **(1)**		116
HUM010009	□	88° Performance compact fixed front frame (UK 92°)	*(not available with 1cm inset option)*	116
HUM010100	O	Inset: Standard (0cm)		
HUM010101	O	Inset: Small (1cm)	*(not in combination with 88º frame)*	
HUM010103	□	Inset: (3cm) only for frame angle 88º & 92º	*(not available for seat width 32 cm)*	116
HUM010301	O	Castor house position wide		
HUM010302	O	Castor house position narrow	*(only for inset 3cm, not available with 88° performance compact frame)*	
HUM010500	□	Handbike axle **(2)**	*(always 3° more than the std axle camber)*	316
		CENTRE OF GRAVITY (COG)		
		Choose only one of the 8 choices	**(measured from front of back post in cm)**	
COG20	O	2.00cm		
COG32	O	3.20cm		
COG44	O	4.40cm		
COG56	O	5.60cm		
COG68	O	6.80cm		
COG80	O	8.00cm		
COG92	O	9.20cm		
COG104	O	10.40cm	COG 2.0 - 5.6 COG 6.8 - 10.4	
		FRAME ACCESSORIES		
HUM090031	□	Suspension up to 70kg **(3)**		451
HUM090032	□	Suspension up to 120kg **(3)**		451
		Tip assist (step tube)		
HUM090001	□	Left HUM090002 □ Right		28
HUM090003	□	Pair	*(not available with ant-tip)*	54
HUM090009	□	Crutch holder	*(only in combination with tip assist)*	67
		Anti-tip tubes swing-away		
HUM090004	□	Left HUM090005 □ Right		87
HUM090006	□	Pair	*(not available with tip-assist)*	176
HUM090007	□	Quickie style anti-tip tubes pluggable	*(Pair)*	73
		Anti-tip flip-up (user operated)	*(not in combination with handbike axle)*	
HUM090033	□	Left		134
HUM090008	□	Right		134
HUM090035	□	Sport anti-tip, central mount, pluggable	*(For use with indoor not contact sports only; e.g. badminton/dancing)*	270
HUM090010	□	Transit wheels (3" wheels)		194
HUM090016	□	Frame protection		67
		EMPULSE F55 BUNDLING		
EMO000101	O	With F55 order, not mounted to the wheelchair	*(Please use separate OF to order the F55.)*	
EMO000102	O	With F55 order, mounted to the wheelchair	*(Please use separate OF to order the F55.)*	
		PREPARATION FOR *ATTITUDE* ADD-ON BIKE		
HUM090211	□	Preparation for ATTITUDE, without ATTITUDE order	*(docking pins assembled)*	97
HUM090212	O	Preparation for ATTITUDE, with ATTITUDE order	*(docking pins assembled; ATTITUDE order separately)*	
		FORKS		
HUM080013	O	Carbotecture fork	*(colours: see colour options on page 6)*	
HUM080008	□	Single arm fork	*(only 111mm length & only with 4" & 5" Alu soft, Alu solid.)(colours: see colour options on page 6)*	168
HUM080029	O	Aluminium fork	*(colours: see colour options on page 6. Only available in black, orange and silver)*	
HUM080007	□	Frog Leg fork	*(only in combination with 4" & 5" solid & all ALU casters; only black)*	283
		CASTOR		
HUM080301	O	Solid	*(3"-6", not with One arm fork)*	
HUM080302	O	Soft	*(only 5" and 6", not with One arm fork, for 45 mm fork version only)*	
HUM080303	□	Solid light up	*(not available for 6", not with One arm fork)*	67
HUM080304	□	Solid with aluminium rim, colour rim: silver only	*(only for 4" and 5", use with one arm fork)*	79
HUM080306	□	Soft with aluminium rim *(for 45mm fork version only)*	*(only for 4" and 5", use with one arm fork, pick colours on last page)*	79

(1): no change from 3"& 4" castor to 5"& 6" is possible afterwards

(2) Max user weight 100kg. Only with 3°, 6° & 9° camber; not in combination with carbon sideguards, lightweight seat
upholstery and not in combination with lightweight compact wheel lock

(3): PREPARATION FOR ATTITUDE ADD-ON BIKE

					£
		REAR WHEELS			
		NOTE: for users with higher user weight than 100kg, we recommend cross spoked wheels			
HUM070001	O	Universal Cross spoked	*(pair)*	*(only 24")*	
HUM070002	O	Design wheel	*(pair)*	*(only 24")*	
HUM070003	O	Lightweight wheel	*(pair)*	*(Colour anodizing selection for 24" LW wheel on the last page)*	
HUM070004	□	Proton wheel (super lightweight)	*(pair)*	*(user weight limit 100kg)*	483
HUM070005	□	Spinergy wheels 18 spokes, colour hub: silver **(1)**	*(pair)*	*(black spokes; other colours available via B4M)*	437
HUM070006	□	Spinergy wheels 12 spokes, colour hub: silver **(1)**	*(pair)*	*(black spokes; other colours available via B4M)*	674
HUM070007	□	Spinergy wheels 12 spokes, colour hub: black	*(pair)*	*(black spokes; other colours available via B4M)*	674
HUM070009	□	Mountain bike wheel		*(only with 24", mountain bike tyres & aluminium rim, black coated)*	297
HUM070010	□	Additional mountain bike wheel (pair)		*(only with 24" & mountain bike tyres)*	453
HUM070000	O	Omit rear wheels			
		TYRES		*(choose only one tyre type)*	
HUM070101	O	Right Run		*(only 24")*	
HUM070102	O	Solid tyres		*(only 24")*	
HUM070106	□	Down Town Two Grip		*(only 24")*	90
HUM070107	□	Schwalbe One (slight puncture protection)			90
HUM070104	□	Marathon plus evolution (puncture resistant)			90
		HANDRIM			
HUM070201	O	Aluminium silver powder coated			
HUM070202	O	Aluminium silver anodised			
HUM070204	O	Stainless steel			
HUM070203	□	Aluminium colour powder coated		*(pick colour for handrim in colour list charged once)*	60
HUM070205	□	Titanium		*(25" only in combination with Spinergy)*	185
HUM070206	□	Titanium clear powder coated		*(pick colour for handrim in colour list; 25" only in combination with Spinergy)*	185
HUM070207	□	Supergrip		*(only 24" wheels)*	222
HUM070208	□	Max Grepp		*(only 24" wheels)*	222
HUM070212	□	Handrims, Ellipse 3R, black		*(ergonomic handrims with rubber-strip)*	177
Handrim mounting		HUM070317 O Close 12 - 17mm			
		HUM070327 O Wide 27mm		*(Not with light weight, Proton & Spinergy wheel and alu handrim)*	
		HUM070307 O Extra close 7mm		*(only with stainl. steel or Surge, only with 24" Design & Univ. wheel)*	
HUM070250	□	Handrim cover		*(only 24" wheels)*	90
		AXLE TUBE			
HUM010401	O	Standard axle tube			
HUM010402	□	Carbon axle tube		*(only for 0° and 3° wheel chamber)*	203
		CAMBER		*(choose only one option)*	
HUM070600	O	0°			
HUM070603	O	3°			
HUM070606	O	6°		*(not available with carbon axle tube)*	
HUM070609	O	9°		*(not available with carbon axle tube)*	
		SPOKE GUARDS			
HUM070831	□	Transparent		*(only available in 22", 24" & 26")*	122
	□	Spoke guards	Number [ ] Description [ ]		122

Please consult the last page of this order form to choose your selection, or to order a copy of our new brochure please call 0845 605 66 88 or e-mail literaturerequests@sunmed.co.uk. You can also view the brochure online by visiting www.sunrisemedical.co.uk and navigating to Quickie Helium. You will find the brochure under "documentation"

		WHEEL LOCKS		*(choose only one option)*	
HUM060001	O	Standard wheel lock			
HUM060003	O	Compact wheel lock **(2)**			
HUM060004	□	Lightweight compact **(2) (3) (4)**			144
HUM060002	□	Knee lever wheel lock			56
HUM060010	□	Extension for knee lever wheel lock, slip-on, swing-away		*(only on HUM060002)*	38
HUM060006	□	One arm wheel lock left			151
HUM060007	□	One arm wheel lock right			151

(1): only with handrim Aluminium silver powdercoated

(2) Not available with 6° & 9° camber (please check NoGo-Matrix)

(3) Adjustment of COG ± 2 cm on a chair in the field.

(4) Not for use with add-on bikes

				£

ACCESSORIES

HUM090000	○	Tool kit		
HUM090100	○	Transportation brackets - Crash test option	*(not available on Helium Pro)*	
HUM090017	□	Snoll on **(1)**	*(Max user weight: 100kg)*	539
HUM090024	□	High pressure pump		73
HUM090025	□	Air pump		15
HUM090030	□	Back pack		59
HUM090020	□	Net back bag		22
HUM090019	□	Caddy	*(not with platform footplates)*	59
HUM090026	□	Mobile phone pouch		44
HUM090014	□	Handbike re-enforcement tubes	*(Only with handbike axle)*	345

COLOURS   *Please visit www.quickiewheelchairs.eu/xenonsa to choose your colours*

	Frame	Handrim £60	Hub/Rim **(2)** £171		Frame	Handrim £60	Hub/Rim **(2)** £171
01 White RAL 9010	○	□	□	*26 Silver Texture*	○	□	□
02 Brilliant Silver	○	□	□	*27 Graphite metallic*	○	□	□
03 Silver Matt	○	□	□	*28 Platinum metallic*	○	□	□
04 Silver	○	□	□	*29 Black*	○	□	□
06 Sun Yellow	○	□	□	*31 Matt Black*	○	□	□
07 Brilliant Lime	○	□	□	*32 Signal White*	○	□	□
08 Matt Lime	○	□	□	*33 Pink*	○	□	□
14 Blue	○	□	□	*34 Dark Chocolate Metallic*	○	□	□
15 Brilliant Marine	○	□	□	*35 Skyblue*	○	□	□
16 Matt Marine	○	□	□	*36 Cyan-Metallic*	○	□	□
19 Brilliant Purple	○	□	□	*37 Mars Red (Orange)*	○	□	□
20 Matt Purple	○	□	□	*39 Cappuccino*	○	□	□
21 Red Ruby	○	□	□	*40 Kiwi*	○	□	□
22 Brilliant Red	○	□	□	*41 Flamingo-Glitter*	○	□	□
23 Matt Red	○	□	□	*42 Matt-Anthracite*	○	□	□
24 Tutti Frutti Orange	○	□	□	*43 Azure Blue*	○	□	□

24" LIGHTWEIGHT WHEELS

HUM100336	○	Orange anodised **(3)**	HUM100337	○	Blue anodised **(3)**			
HUM100338	○	Red anodised **(3)**						

BACKREST BRACKET (Double locking back only)

HUM030035	○	Black	HUM030037	○	Silver	HUM030039	○	Blue **(6)**	
HUM030036	○	Orange	HUM030038	○	Red **(6)**				

CASTOR FORKS

HUM080041	○	Black	HUM080042	○	Silver	HUM080045	○	Blue	
HUM080043	○	Orange	HUM080044	○	Red				

CASTOR WHEEL (Only soft with aluminium rim)

HUM080311	○	Black	HUM080313	○	Orange	HUM080315	○	Blue	
HUM080312	○	Silver	HUM080314	○	Red				

STICKERS

HUM100550	○	Black	HUM100552	○	Orange	HUM100554	○	Blue	
HUM100551	○	Silver	HUM100553	○	Red				

AXLE STEM SPACER (Not available on Helium Pro)

HUM100560	○	Silver	HUM100562	○	Red				
HUM100561	○	Orange	HUM100563	○	Blue				

FRAME TRANSFERS (Dots)

HUM100570	○	Black	HUM100571	○	Silver	HUM100574	○	Blue	
HUM100572	○	Orange	HUM100573	○	Red	HUM100575	○	Matt Black	

(1) Not in combination with performance footrest and high mounted footrest

(2) Only with universal cross spoke rear wheel

(3) Anodised colours for hub and rim, black spokes. Only with light weight wheel in 24"

(4) Froglegs fork and fork for power add-ons (HUM090093) only available in black. Backrest bracket only in combination with HUM030102 "double locking back" in colours, otherwise always black.

(5) Only with 111mm forks (including one-arm fork) in combination with HUM080302 Castor, soft or HUM080306 Castor soft with aluminium rim

(6) Only with carbotecture forks

Base Price		**£2,725**
Option price		**£**
Total Price *(Not Including 5% Surcharge)*		**£**

Please follow this measuring method:
The following method is recommended on the basis of extensive practical experience. Deviations are possible in individual instances.

Seat width

Seat width (SW):

a) For the user: Allow space between sideguard and hip on each side of the chair
(approx. 1 - 2cm altogether)

b) On the wheelchair: From outside frame tube to outside frame tube.
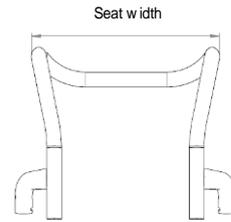
Seat depth (SD):

a) For the user: When sitting upright: leave space for 2 - 3 fingers between
front edge of the seat upholstery and back of knee
(approx. 3 - 6 cm). Care must be taken with adj. upholstery.

b) On the wheelchair: From back tube to front of seat upholstery.
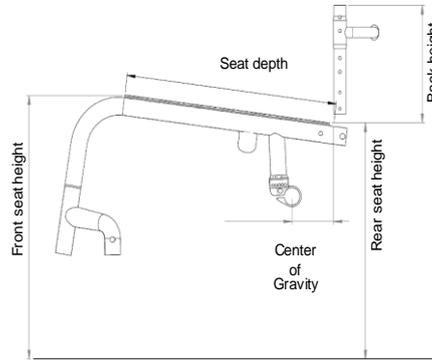
Front seat height:

a) For the user: When sitting with 90° kneeangle:
From back of knee to bottom of shoe sole.

b) On the wheelchair: From front of seat tube to the ground .
(min. 3cm longer than user measurement)
Remember to include the cushion height.

Rear seat height:

b) On the wheelchair: From back of seat tube to the ground.
Note: Max. seat height difference rear to front is 13 cm

Back height:

a) For the user: From the seat, including cushion, to be no more than 1 - 2 cm below the lower shoulder blade.

b) On the wheelchair: From back of seat tube to upper edge of backrest upholstery.
Note: The user's ability to sit upright has a major influence on the back height
and it can therefore differ considerably
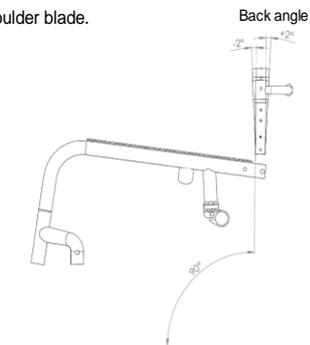
Back angle: **Important:** The back height depends on the degree of disability.
0° is the angle 90° to the seat. Negative angles are <90°
and positive angles are >90°.

Low Seat Frame vs. High Seat Frame:

The high frame is 4 cm higher than the low frame. So you can choose shorter and lighter forks to minimize the weight of your wheelchair.

High seat frame
4 cm
Low seat frame
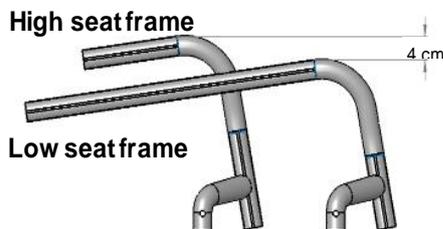
Technical Data Overview:

Overall width:	Overall width with:	24" rear wheel	25" rear wheel
Overall width:	For 0° camber:	SW + 17 cm	SW + 17 cm
Max overall height 112 cm	For 3° camber:	SW + 23 cm	SW + 24 cm
Max overall length 91 cm	For 6° camber:	SW + 29 cm	SW + 30 cm

Please note that the matrix is based on a std configuration:
Std chair 40 x 40 cm; 3° camber; 5,60 cm CoG; Seat angle of 8°
All changes in the configuration might change the seat heights.
Manufacturing tolerances of +/- 1 cm

SEAT UPHOLSTERIES AND CUSHIONS

HUM020002-020002
Seat sling, nylon, tension adjustable

HUM020005 -020007
Seat sling clip style (airflow)

HUM090018
Lap belt with buckle, metal

BACKREST

HUM030003
Oval Shaped Backrest

HUM030102
Backrest, angle-adjustable, lock when folded

HUM030201
Push handles long

HUM030203
Push handles, fold-down

HUM030204
Push handles , height-adjustable

HUM030316
EXO backrest sling

HUM030317
EXO PRO backrest sling

FOOTBOARDS

HUM050029
Tubular footrest
lightweight

HUM050030
Tubular footrest lightweight
with flat cover

HUM050025
Platform footrest LW
composite plate

HUM050026
Platform footrest LW
carbon plate

AGN050125
Performance footrest
alu angle adj

AGN050127
Foot positioning plate

AGN050020
Composite footplate
divided

AGN050022
Alu footplate divided

FRAME VERSIONS
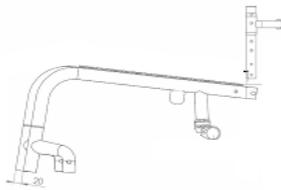
Frame Standard vs. Frame Long
Difference is 20 mm

Frame Angles

Frame inset table

Inset		Seat Width (mm)							
		320	**340**	**360**	**380**	**400**	**420**	**440**	**460**
0 mm	Frame Width Inside	270	290	310	330	350	370	390	410
	Frame Width Casterhouse	440	460	480	500	520	540	560	580
10 mm	Frame Width Inside	250	270	290	310	330	350	370	390
	Frame Width Casterhouse	420	440	460	480	500	520	540	560
30 mm	Frame Width Inside	NA	230	250	270	290	310	330	350
	Frame Width Casterhouse wide	NA	460	480	500	520	540	560	580
	Frame Width Casterhouse small	NA	400	420	440	460	480	500	520

FRAME ACCESSORIES

HUM090001
Tip assist left

HUM090004
Anti-tip tubes SA

HUM090007
Anti tip tubes pluggable

HUM090035
Sport anti-tip

HUM090008
Anti tip flip up
User operated

FORKS

HUM080013 & HUM080306
Castor fork, Carbotecture & Castor solid (soft) aluminum

HUM080008
Castor fork, aluminum, one-arm, red

REAR WHEELS

HUM070001
Universal wheel

HUM070002
Design wheel

HUM070003
Lightweight wheel

HUM070004
Proton wheel

HUM070010
Mountainbike wheel

TYRES

HUM070101
Schwalbe Right Run

HUM070106
Schwalbe Down Town

HUM070107
Schwalbe One

HUM070104
Schwalbe Marathon Plus Evolution

HUM070102
Tyre, puncture proof

HANDRIMS

HUM070208
Handrims Maxgrepp

HUM070212
Handrims Ellipse 3R

HUM060001
Standard brake

HUM060002
Knee lever brake

HUM060003
Compact brake

HUM060004
LIghtweight Compact brake

NoGo Matrix for Lightweight Compact Brake

Seat height values are valid with 56 mm COG, seat depth 400 mm and 8° seat angle,

axle stem assembled with one spacer

SD 420 - 480 mm

24" Cog	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
92	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

25" Cog	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
92	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SD 400 mm

24" Cog	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
92	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

25" Cog	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
92	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	X	X	X	X	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓

SD 340 - 380 mm

24" Cog	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
92	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104	X	X	X	X	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓

25" Cog	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570
20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	X	X	X	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓
92	X	X	X	X	X	X	X	X	X	✓	✓	✓	✓	✓	✓
104	X	X	X	X	X	X	X	X	X	X	X	✓	✓	✓	✓

✓ Possible   X NoGo

HUM090024
High pressure pump

HUM090025
Air pump

HUM090030
Back pack

HUM090019
Caddy, flip-up bracket for bags
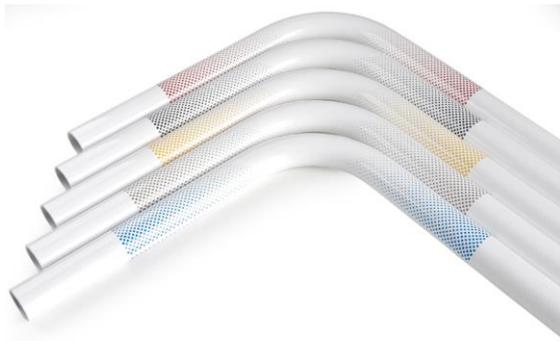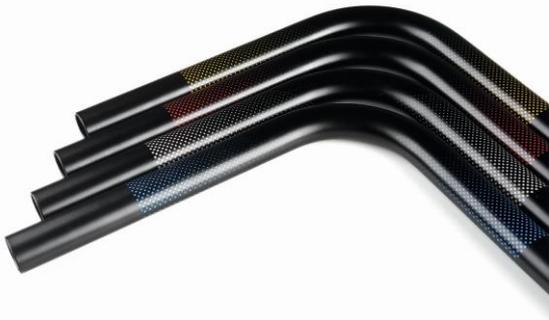

HUM090026
Mobile phone pocket

AXLE STEM COLOUR

FRAME GRAPHIC "FLOATING DOTS" COLOUR

24 " LIGHT WEIGHT WHEEL COLOURS

HUN100336
Lightweight wheel, anodized orange

HUM100337
Lightweight wheel, anodized blue

HUM100338
Lightweight wheel, anodized red

SUNRISE MEDICAL

SPOKE GUARDS - 22" & 24" ONLY

HUM070823 - Princess	HUM070808 - Dancing Bear	HUM070818 - Jungle Fever	HUM070816 - Happy Lions	HUM070832 - Water World
HUM070825 - Randolf	HUM070819- Monkeys	HUM070821 - Pirates	HUM070811 - Feather	HUM070820 - Oriental
HUM070824 - Racing	HUM070809 - Dirt Race	HUM070829 - Superhero	HUM070814 - Graffiti	HUM070806 - Chrome Wheel
HUM070817 - Hot Wheels	HUM070802 - Basketball	HUM0708036 - Basketball 2	HUM070822 - Pool	HUM070812 - Flying Water
HUM070828 - Space	HUM070827 - Silk	HUM070801 - Abstract	HUM070807 - Creative	HUM070830 - Tiger
HUM070833 - Zebra	HUM070805 - Cheese	HUM070804 - Bibbo	HUM070813 - Galactica	HUM070826 - Rotation
HUM070810 - Fantasy	HUM070815 - Graphic			