

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

Deliver to:
 Name:
 Street:
 Town: Postal code:
 E-Mail:
 Tel: Fax:
 Marked for:

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

☐ Base price £2725

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

☐ £399

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*

☐ -4° (86°)

☐ -2° (88°)

☐ 0° (90°)

☐ +2° (92°)

☐ +4° (94°)

☐ £532

Figures in brackets are angle to
 ground

*Must choose Oval Shaped Backrest

CLIENT MEASUREMENT

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

	32	34	36	38	40	42	44	46
34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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

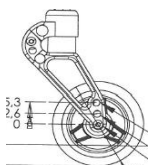
4" & 5" soft roll and 5" & 6" soft
 solid are only available with a 45 mm
 fork



Carbotecture
 111mm



One arm design
 111mm

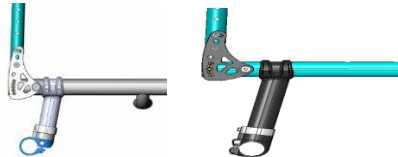


Frog Legs design
 149mm length and
 41mm width

(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"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
	25"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
<small>*With std seat upholstery decreasing rear seat height not possible in 37cm (24" wheel) and 38cm (25" wheel). <small>*With std seat upholstery increasing rear seat height not possible in 49cm (24" wheel) and 50cm (25" wheel).</small> </small>																		
SEAT UPHOLSTERY																		
Seat sling standard																		
HUM020002	<input type="radio"/>	With 1 utility bag (1)																
HUM020003	<input type="checkbox"/>	With 2 utility bags (1) (only from SW 36cm)												51				
HUM020004	<input type="checkbox"/>	With 1 utility bag and 1 catheter bag (1) (only from SW 36cm)												81				
HUM020010	<input type="checkbox"/>	Seat Sling Clip Style - Airflow (user weight limit 100kg) (1)												192				
HUM020005	<input type="checkbox"/>	With 1 utility bag (1)												239				
HUM020006	<input type="checkbox"/>	With 2 utility bags (1) (only from SW 36cm Max 100Kg)												270				
HUM020007	<input type="checkbox"/>	With 1 utility bag and 1 catheter bag (1) (only from SW 36cm Max 100Kg)												301				
HUM020000	<input type="radio"/>	Without seat sling																
Jay Cushions - for complete product range see Jay order forms																		
JAY020002	<input type="checkbox"/>	JAY Basic												55				
JAY020003	<input type="checkbox"/>	JAY Soft Combi P												77				
JAY020001	<input type="checkbox"/>	JAY Easy Visco, Curved Base												132				
JAY020007	<input type="checkbox"/>	JAY Easy Fluid, Curved Base												308				
JAY020004	<input type="checkbox"/>	JAY Lite												215				
Seat cushion black cover composite foam																		
a) Foam composite		Thickness:	HUM020101	<input type="checkbox"/>	3cm	HUM020102	<input type="checkbox"/>	5cm	(medium)						66			
b) Latex		Thickness:	HUM020103	<input type="checkbox"/>	5cm	HUM020104	<input type="checkbox"/>	8cm	(very soft)						66			
Seat cushion with water resistant / breathable cover																		
a) Foam composite		Thickness:	HUM020105	<input type="checkbox"/>	3cm	HUM020106	<input type="checkbox"/>	5cm	(medium)						123			
b) Latex		Thickness:	HUM020107	<input type="checkbox"/>	5cm	HUM020108	<input type="checkbox"/>	8cm	(very soft)						123			
Seat accessories																		
HUM090018	<input type="checkbox"/>	Positioning belt with lock												42				
HUM020150	<input type="checkbox"/>	Spare cushion cover with zipper												44				
BACKREST																		
HUM030001	<input type="radio"/>	Standard backrest				25 - 30	<input type="radio"/>	30 - 35	<input type="radio"/>	35 - 40	<input type="radio"/>	40 - 45	<input type="radio"/>	45 - 50				
Back height factory setting at (cm)						<input type="radio"/>	25	<input type="radio"/>	30	<input type="radio"/>	35	<input type="radio"/>	40	<input type="radio"/>	45			
						<input type="radio"/>	27.5	<input type="radio"/>	33	<input type="radio"/>	37.5	<input type="radio"/>	42.5					
						<input type="radio"/>	30	<input type="radio"/>	35	<input type="radio"/>	40	<input type="radio"/>	45					
HUM030003	<input type="checkbox"/>	Oval shaped backrest (Non Height adjustable and please pick bar setting below)												232				
<input type="radio"/>		25	<input type="radio"/>	27.5	<input type="radio"/>	30	<input type="radio"/>	32.5	<input type="radio"/>	35	<input type="radio"/>	37.5	<input type="radio"/>	40	<input type="radio"/>	42.5	<input type="radio"/>	45
HUM030403	<input type="radio"/>	Stabilizer bar setting close (9.2cm)				HUM030404	<input type="radio"/>	Stabilizer bar setting wide (12.4cm)				(distance away from the backrest)						
HUM030015	<input type="radio"/>	Back angle adjustable foldable (-31° to +15°; only in black anodizing)																
HUM030012	<input type="radio"/>	Angle adjustable back (non folding) (-31° to +15°; only in black anodizing)																
HUM030102	<input type="checkbox"/>	Double locking (angle adjustable and folding, locks in folded position) (-31° to +15° anodised colour options on last page)												54				
HUM030103	<input type="checkbox"/>	Backrest width ONE size smaller than standard (-2cm less than the seat width) (not available with Freestyle backrest)												153				
PUSH HANDLES																		
HUM030200	<input type="radio"/>	Omit push handles																
HUM030201	<input type="radio"/>	Long (2)																
HUM030203	<input type="checkbox"/>	Fold-down push handles (2) (only available from 32.5cm standard back)												129				
HUM030211	<input type="checkbox"/>	Removable push handles (only with Freestyle back)												171				
HUM030204	<input type="checkbox"/>	Height adjustable push handles (not possible with OSB (4067) & from 32.5cm on the std backrest)												171				
HUM030205	<input type="checkbox"/>	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	<input type="radio"/> EXO backrest sling, synthetic fibre, padded, adjustable, 1 accessory bag black (EVO Exo Version)										
Colour binding tape:										<input type="radio"/> Black <input type="radio"/> Orange <input type="radio"/> Silver <input type="radio"/> Red <input type="radio"/> Blue	
HUM030317	<input type="checkbox"/> EXO PRO backrest sling, synthetic fibre, padded, adjustable, breathable, spacer fabric, 1 accessory bag, black (EVO Exo Version)										147
Colour binding tape:										<input type="radio"/> Black <input type="radio"/> Orange <input type="radio"/> Silver <input type="radio"/> Red <input type="radio"/> Blue	
HUM030300	<input type="radio"/> Without backrest upholstery										
FREESTYLE BACK, ANGLE ADJUSTABLE, FOLDABLE (not crash tested)											
HUM030089	<input type="checkbox"/> Freestyle back, J3 Aluminium backrest shell, shallow contour (SC) (in frame colour)										594
<input type="radio"/> Backrest shell height 31cm (backheight 325 - 425 mm)											
<input type="radio"/> Backrest shell width 32cm - can be used from SW 32cm											
<input type="radio"/> Backrest shell width 37cm - can be used from SW 38cm											
HUM030090	<input type="checkbox"/> Freestyle back, J3 Carbon backrest shell, shallow contour (SC) (backheight 275 - 350 mm)										713
<input type="radio"/> Backrest shell height 24cm											
<input type="radio"/> Backrest shell width 32cm - can be used from SW 32cm											
<input type="radio"/> Backrest shell width 37cm - can be used from SW 38cm											
<input type="radio"/> Backrest shell width 42cm - can be used from SW 44cm											
<input type="radio"/> Backrest shell height 31cm (backheight 325 - 425 mm)											
<input type="radio"/> Backrest shell width 32cm - can be used from SW 32cm											
<input type="radio"/> Backrest shell width 37cm - can be used from SW 38cm											
<input type="radio"/> Backrest shell width 42cm - can be used from SW 44cm											
JAY BACKRESTS											
Shallow Contour											
JAY3 Back - Shallow Contour											
Mid Thoracic:										<input type="checkbox"/> Medium - 34 cm (JAY030010) <input type="checkbox"/> Tall - 38 cm (JAY030033)	506
Upper Thoracic:										<input type="checkbox"/> Short - 42 cm (JAY030012) <input type="checkbox"/> Medium - 46 cm (JAY030019) <input type="checkbox"/> Tall - 50 cm (JAY030025)	572
JAY3 Back - Mid Contour											
Mid Thoracic:										<input type="checkbox"/> Medium - 34 cm (JAY030011) <input type="checkbox"/> Tall - 38 cm (JAY030018)	506
Upper Thoracic:										<input type="checkbox"/> Short - 42 cm (JAY030013) <input type="checkbox"/> Medium - 46 cm (JAY030020) <input type="checkbox"/> Tall - 50 cm (JAY030026)	572
JAY3 Carbon - Shallow Contour											
Low Thoracic:										<input type="checkbox"/> Short - 17cm (JAY060001) <input type="checkbox"/> Tall - 24 cm (JAY060002)	605
Mid Thoracic:										<input type="checkbox"/> Short - 30cm (JAY060003) <input type="checkbox"/> Tall - 32 cm (JAY060004)	605
JAY3 Accessory bag											
JAY090058 <input type="checkbox"/> J3 Accessory Bag										50	
JAY Accessories											
JAY030004 <input type="checkbox"/> Jay Flip Back Headrest (J3EUHDFH & J3EUHDLSP) (only with J3 backs)										255	
JAY030006 <input type="checkbox"/> Jay Std. Headrest (J3EUHDXH & J3EUHDLSP) (only with J3 backs)										138	
SIDE GUARDS & ARMRESTS											
HUM040101	<input type="checkbox"/> Slim style carbon side guard (1) (slim style, carbon fibre)										202
HUM040102	<input type="checkbox"/> Straight side guard aluminium (without fender)										176
HUM040103	<input type="checkbox"/> Fender side guard - aluminium (min seat height 39cm)										242
HUM040104	<input type="checkbox"/> Fender side guard - carbon (min seat height 39cm)										316
HUM040107	<input type="checkbox"/> Plastic detachable side guard (Quickie style)										164
HUM040108	<input type="checkbox"/> 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	<input type="checkbox"/> short armpad (25cm) HUM040051 <input type="checkbox"/> long armpad (33cm)										
HUM040052	<input type="checkbox"/> Single post, tool height adjustable armrest, depth adjustable (33cm) (2) (not with tubular armrest)										202
HUM040000	<input type="radio"/> Without side guard										
LEGREST & FOOTPLATES											
HUM050029	<input type="radio"/> Lightweight tubular footrest (lower leg length 36cm - 52cm)										
HUM050030	<input type="checkbox"/> Tubular footrest lightweight with flat cover (lower leg length 36cm - 52cm)										73
HUM050025	<input type="checkbox"/> Platform footplate lightweight angle & depth adjustable composite (lower leg length 36cm - 52cm)										149
HUM050024	<input type="checkbox"/> Platform footplate lightweight angle & depth adjustable aluminium (lower leg length 36cm - 52cm)										149
HUM050026	<input type="checkbox"/> Platform footplate lightweight angle & depth adjustable carbon										305
HUM050034	<input type="checkbox"/> Platform footplate lightweight angle & depth adjustable aluminium, high mounted (LLL 22 - 39cm)										149
HUM050125	<input type="checkbox"/> Performance footplate angle adjustable (lower leg length between 36cm - 52cm)										222
HUM050127	<input type="checkbox"/> Foot positioning plate (only with platform footplates lightweight angle & depth adjustable)										21
HUM050128	<input type="checkbox"/> Footboard, platform, plastic, angle and depth adjustable, flip-up (to the back) (5) (LLL from 33 cm; not with 6" castors)										147
HUM050022	<input type="checkbox"/> 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											
<input type="radio"/> 22 <input type="radio"/> 23 <input type="radio"/> 24 <input type="radio"/> 25 <input type="radio"/> 26 <input type="radio"/> 27 <input type="radio"/> 28 <input type="radio"/> 29											
<input type="radio"/> 30 <input type="radio"/> 31 <input type="radio"/> 32 <input type="radio"/> 33 <input type="radio"/> 34 <input type="radio"/> 35 <input type="radio"/> 36 <input type="radio"/> 37											
<input type="radio"/> 38 <input type="radio"/> 39 <input type="radio"/> 40 <input type="radio"/> 41 <input type="radio"/> 42 <input type="radio"/> 43 <input type="radio"/> 44 <input type="radio"/> 45											
<input type="radio"/> 46 <input type="radio"/> 47 <input type="radio"/> 48 <input type="radio"/> 50 <input type="radio"/> 51 <input type="radio"/> 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" and 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	<input type="radio"/>	Standard frame	
HUM010207	<input type="radio"/>	Long frame (not in combination with SD 46cm; recommended with narrow castor house position)	
HUM010012	<input type="radio"/>	100° Fixed front frame (UK 80°) (1)	
HUM010013	<input type="checkbox"/>	92° Performance fixed front frame (UK 88°) (1)	116
HUM010009	<input type="checkbox"/>	88° Performance compact fixed front frame (UK 92°) (not available with 1cm inset option)	116
HUM010100	<input type="radio"/>	Inset: Standard (0cm)	
HUM010101	<input type="radio"/>	Inset: Small (1cm) (not in combination with 88° frame)	
HUM010103	<input type="checkbox"/>	Inset: (3cm) only for frame angle 88° & 92° (not available for seat width 32 cm)	116
HUM010301	<input type="radio"/>	Castor house position wide	
HUM010302	<input type="radio"/>	Castor house position narrow (only for inset 3cm, not available with 88° performance compact frame)	
HUM010500	<input type="checkbox"/>	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	<input type="radio"/>	2.00cm	
COG32	<input type="radio"/>	3.20cm	
COG44	<input type="radio"/>	4.40cm	
COG56	<input type="radio"/>	5.60cm	
COG68	<input type="radio"/>	6.80cm	
COG80	<input type="radio"/>	8.00cm	
COG92	<input type="radio"/>	9.20cm	
COG104	<input type="radio"/>	10.40cm	
FRAME ACCESSORIES			
HUM090031	<input type="checkbox"/>	Suspension up to 70kg (3)	451
HUM090032	<input type="checkbox"/>	Suspension up to 120kg (3)	451
Tip assist (step tube)			
HUM090001	<input type="checkbox"/>	Left HUM090002 <input type="checkbox"/> Right	28
HUM090003	<input type="checkbox"/>	Pair (not available with ant-tip)	54
HUM090009	<input type="checkbox"/>	Crutch holder (only in combination with tip assist)	67
Anti-tip tubes swing-away			
HUM090004	<input type="checkbox"/>	Left HUM090005 <input type="checkbox"/> Right	87
HUM090006	<input type="checkbox"/>	Pair (not available with tip-assist)	176
HUM090007	<input type="checkbox"/>	Quickie style anti-tip tubes pluggable (Pair)	73
Anti-tip flip-up (user operated) (not in combination with handbike axle)			
HUM090033	<input type="checkbox"/>	Left	134
HUM090008	<input type="checkbox"/>	Right	134
HUM090035	<input type="checkbox"/>	Sport anti-tip, central mount, pluggable (For use with indoor not contact sports only; e.g. badminton/dancing)	270
HUM090010	<input type="checkbox"/>	Transit wheels (3" wheels)	194
HUM090016	<input type="checkbox"/>	Frame protection	67
PREPARATION FOR ATTITUDE ADD-ON BIKE			
HUM090211	<input type="checkbox"/>	Preparation for ATTITUDE, without ATTITUDE order (docking pins assembled)	97
HUM090212	<input type="radio"/>	Preparation for ATTITUDE, with ATTITUDE order (docking pins assembled; ATTITUDE order separately)	
FORKS			
HUM080013	<input type="radio"/>	Carbotecture fork (colours: see colour options on page 6)	
HUM080008	<input type="checkbox"/>	Single arm fork (only 111mm length & only with 4" & 5" Alu soft, Alu solid.)(colours: see colour options on page 6)	168
HUM080029	<input type="radio"/>	Aluminium fork (colours: see colour options on page 6. Only available in black, orange and silver)	
HUM080007	<input type="checkbox"/>	Frog Leg fork (only in combination with 4" & 5" solid & all ALU casters; only black)	283
CASTOR			
HUM080301	<input type="radio"/>	Solid (3"-6", not with One arm fork)	
HUM080302	<input type="radio"/>	Soft (only 5" and 6", not with One arm fork, for 45 mm fork version only)	
HUM080303	<input type="checkbox"/>	Solid light up (not available for 6", not with One arm fork)	67
HUM080304	<input type="checkbox"/>	Solid with aluminium rim, colour rim: silver only (only for 4" and 5", use with one arm fork)	79
HUM080306	<input type="checkbox"/>	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						
<i>NOTE: for users with higher user weight than 100kg, we recommend cross spoked wheels</i>						
HUM070001	<input type="radio"/>	Universal Cross spoked	(pair)	(only 24")		
HUM070002	<input type="radio"/>	Design wheel	(pair)	(only 24")		
HUM070003	<input type="radio"/>	Lightweight wheel	(pair)	(Colour anodizing selection for 24" LW wheel on the last page)		
HUM070004	<input type="checkbox"/>	Proton wheel (super lightweight)	(pair)	(user weight limit 100kg)	483	
HUM070005	<input type="checkbox"/>	Spinergy wheels 18 spokes, colour hub: silver (1)	(pair)	(black spokes; other colours available via B4M)	437	
HUM070006	<input type="checkbox"/>	Spinergy wheels 12 spokes, colour hub: silver (1)	(pair)	(black spokes; other colours available via B4M)	674	
HUM070007	<input type="checkbox"/>	Spinergy wheels 12 spokes, colour hub: black	(pair)	(black spokes; other colours available via B4M)	674	
HUM070009	<input type="checkbox"/>	Mountain bike wheel	(only with 24", mountain bike tyres & aluminium rim, black coated)			297
HUM070010	<input type="checkbox"/>	Additional mountain bike wheel (pair)	(only with 24" & mountain bike tyres)			453
HUM070000	<input type="radio"/>	Omit rear wheels				
TYRES (choose only one tyre type)						
HUM070101	<input type="radio"/>	Right Run	(only 24")			
HUM070102	<input type="radio"/>	Solid tyres	(only 24")			
HUM070106	<input type="checkbox"/>	Down Town Two Grip	(only 24")			90
HUM070107	<input type="checkbox"/>	Schwalbe One (slight puncture protection)				90
HUM070104	<input type="checkbox"/>	Marathon plus evolution (puncture resistant)				90
HANDRIM						
HUM070201	<input type="radio"/>	Aluminium silver powder coated				
HUM070202	<input type="radio"/>	Aluminium silver anodised				
HUM070204	<input type="radio"/>	Stainless steel				
HUM070203	<input type="checkbox"/>	Aluminium colour powder coated	(pick colour for handrim in colour list charged once)			60
HUM070205	<input type="checkbox"/>	Titanium	(25" only in combination with Spinergy)			185
HUM070206	<input type="checkbox"/>	Titanium clear powder coated	(pick colour for handrim in colour list; 25" only in combination with Spinergy)			185
HUM070207	<input type="checkbox"/>	Supergrip	(only 24" wheels)			222
HUM070208	<input type="checkbox"/>	Max Grepp	(only 24" wheels)			222
HUM070212	<input type="checkbox"/>	Handrims, Ellipse 3R, black	(ergonomic handrims with rubber-strip)			177
Handrim mounting		HUM070317 <input type="radio"/> Close 12 - 17mm				
		HUM070327 <input type="radio"/> Wide 27mm	(Not with light weight, Proton & Spinergy wheel and alu handrim)			
		HUM070307 <input type="radio"/> Extra close 7mm	(only with stainl. steel or Surge, only with 24" Design & Univ. wheel)			
HUM070250	<input type="checkbox"/>	Handrim cover	(only 24" wheels)			90
AXLE TUBE						
HUM010401	<input type="radio"/>	Standard axle tube				
HUM010402	<input type="checkbox"/>	Carbon axle tube	(only for 0° and 3° wheel chamber)			203
CAMBER (choose only one option)						
HUM070600	<input type="radio"/>	0°				
HUM070603	<input type="radio"/>	3°				
HUM070606	<input type="radio"/>	6°	(not available with carbon axle tube)			
HUM070609	<input type="radio"/>	9°	(not available with carbon axle tube)			
SPOKE GUARDS						
HUM070831	<input type="checkbox"/>	Transparent	(only available in 22", 24" & 26")			122
	<input type="checkbox"/>	Spoke guards	Number	Description		122
<p>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"</p>						
WHEEL LOCKS (choose only one option)						
HUM060001	<input type="radio"/>	Standard wheel lock				
HUM060003	<input type="radio"/>	Compact wheel lock (2)				
HUM060004	<input type="checkbox"/>	Lightweight compact (2) (3) (4)				144
HUM060002	<input type="checkbox"/>	Knee lever wheel lock				56
HUM060010	<input type="checkbox"/>	Extension for knee lever wheel lock, slip-on, swing-away	(only on HUM060002)			38
HUM060006	<input type="checkbox"/>	One arm wheel lock left				151
HUM060007	<input type="checkbox"/>	One arm wheel lock right				151
<p>(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</p>						

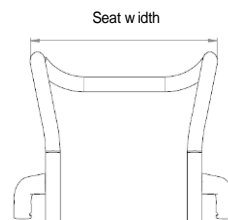
							£			
ACCESSORIES										
HUM090000	<input type="radio"/>	Tool kit								
HUM090100	<input type="radio"/>	Transportation brackets - Crash test option					(not available on Helium Pro)			
HUM090017	<input type="checkbox"/>	Snoll on (1)					(Max user weight: 100kg)539			
HUM090024	<input type="checkbox"/>	High pressure pump					73			
HUM090025	<input type="checkbox"/>	Air pump					15			
HUM090030	<input type="checkbox"/>	Back pack					59			
HUM090020	<input type="checkbox"/>	Net back bag					22			
HUM090019	<input type="checkbox"/>	Caddy					(not with platform footplates)59			
HUM090026	<input type="checkbox"/>	Mobile phone pouch					44			
HUM090014	<input type="checkbox"/>	Handbike re-enforcement tubes					(Only with handbike axle)345			
COLOURS										
Please visit www.quickiewheelchairs.eu/xenonsa to choose your colours										
	Frame	Handrim	Hub/Rim (2)		Frame	Handrim	Hub/Rim (2)			
		£60	£171			£60	£171			
01 White RAL 9010	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	26 Silver Texture	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
02 Brilliant Silver	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	27 Graphite metallic	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
03 Silver Matt	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	28 Platinum metallic	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
04 Silver	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	29 Black	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
06 Sun Yellow	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	31 Matt Black	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
07 Brilliant Lime	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	32 Signal White	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
08 Matt Lime	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	33 Pink	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
14 Blue	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	34 Dark Chocolate Metallic	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
15 Brilliant Marine	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	35 Skyblue	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
16 Matt Marine	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	36 Cyan-Metallic	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
19 Brilliant Purple	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	37 Mars Red (Orange)	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
20 Matt Purple	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	39 Cappuccino	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
21 Red Ruby	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	40 Kiwi	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
22 Brilliant Red	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	41 Flamingo-Glitter	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
23 Matt Red	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	42 Matt-Anthracite	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
24 Tutti Frutti Orange	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	43 Azure Blue	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>			
24" LIGHTWEIGHT WHEELS										
HUM100336	<input type="radio"/>	Orange anodised (3)		HUM100337	<input type="radio"/>	Blue anodised (3)				
HUM100338	<input type="radio"/>	Red anodised (3)								
BACKREST BRACKET (Double locking back only)										
HUM030035	<input type="radio"/>	Black		HUM030037	<input type="radio"/>	Silver				
HUM030036	<input type="radio"/>	Orange		HUM030038	<input type="radio"/>	Red (6)				
CASTOR FORKS										
HUM080041	<input type="radio"/>	Black		HUM080042	<input type="radio"/>	Silver				
HUM080043	<input type="radio"/>	Orange		HUM080044	<input type="radio"/>	Red				
CASTOR WHEEL (Only soft with aluminium rim)										
HUM080311	<input type="radio"/>	Black		HUM080313	<input type="radio"/>	Orange				
HUM080312	<input type="radio"/>	Silver		HUM080314	<input type="radio"/>	Red				
STICKERS										
HUM100550	<input type="radio"/>	Black		HUM100552	<input type="radio"/>	Orange				
HUM100551	<input type="radio"/>	Silver		HUM100553	<input type="radio"/>	Red				
AXLE STEM SPACER (Not available on Helium Pro)										
HUM100560	<input type="radio"/>	Silver		HUM100562	<input type="radio"/>	Red				
HUM100561	<input type="radio"/>	Orange		HUM100563	<input type="radio"/>	Blue				
FRAME TRANSFERS (Dots)										
HUM100570	<input type="radio"/>	Black		HUM100571	<input type="radio"/>	Silver				
HUM100572	<input type="radio"/>	Orange		HUM100573	<input type="radio"/>	Red				
HUM100574								<input type="radio"/>	Blue	
HUM100575								<input type="radio"/>	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 carbotechnology forks										
Base Price							£2,725			
Option price							£			
Total Price							£			

Please follow this measuring method:

The following method is recommended on the basis of extensive practical experience. Deviations are possible in individual instances.

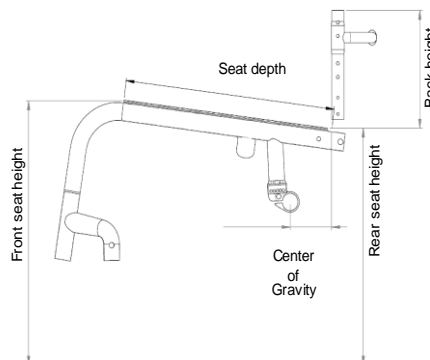
Seat width (SW):

- 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:

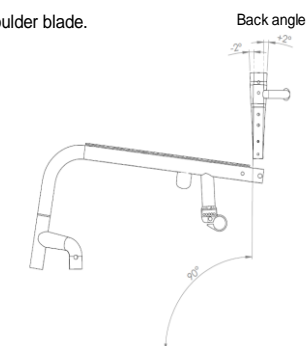
- b) *On the wheelchair:* From back of seat tube to the ground.
- Note:** Max. seat height difference rear to front is 13 cm

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

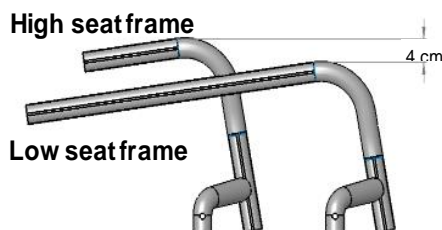
Back angle:

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.



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

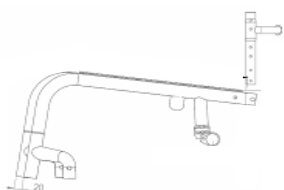


AGN050020
Composite footplate
divided



AGN050022
Alu footplate divided

FRAME VERSIONS



Frame Standard vs. Frame Long
Difference is 20 mm



Frame Angles

Frame inset table

		Seat Width (mm)							
Inset		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

WHEEL LOCKS



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

SD 400 mm

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

SD 340 - 380 mm

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

✓ Possible

X NoGo

ACCESSORIES



HUM090024
High pressure pump



HUM090025
Air pump



HUM090030
Back pack



HUM090019
Caddy, flip-up bracket for bags

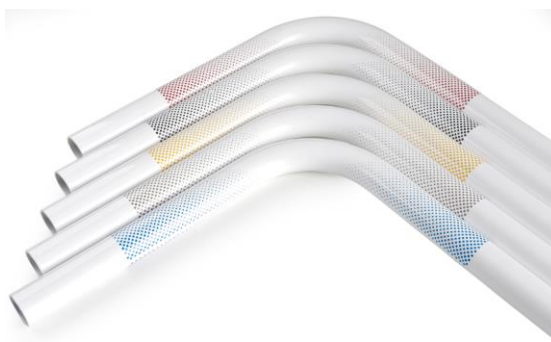


HUM090026
Mobile phone pocket

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*



HUM070823 - Princess



HUM070808 - Dancing Bear



HUM070818 - Jungle Fever



HUM070816 - Happy Lions



HUM070832 - Water World



HUM070825 - Randolf



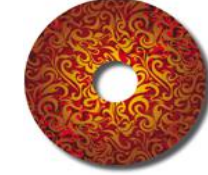
HUM070819- Monkeys



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



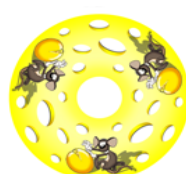
HUM070807 - Creative



HUM070830 - Tiger



HUM070833 - Zebra



HUM070805 - Cheese



HUM070804 - Bibbo



HUM070813 - Galactica



HUM070826 - Rotation



HUM070810 - Fantasy



HUM070815 - Graphic