

NITRUM



QUICKIE NITRUM

Billing Address Or Customer-ID			Shipping Address		Identical To Billing Address
C.-ID:			C.-ID:		
Name:			Name:		
Street:			Street:		
Town/PC:			Town/PC:		
E-Mail:			E-Mail:		
Phone:			Phone:		
Order Information			User Weight		
Order	Calculation	Built-4-Me®	Max. user weight: 125 kg		
Purchase Order No.:			User Weight: kg		
Art. No.: 66000001			Reimbursement Code: xxx		
Order Date:	Day	Month	Year		

Base Price

£2,563

Nitrum										£
NTR010034	Nitrum: Open frame, backrest-angle and CoG adjustable, 125 kg max user weight									2,563
NTR010036	Nitrum Pro: Open frame, fixed welded backrest angle and CoG, 125 kg max user weight									2,563
NTR010035	Nitrum: Hybrid frame, backrest-angle and CoG adjustable, 140 kg max user weight									2,563
NTR010037	Nitrum Pro: Hybrid frame, fixed welded backrest angle and CoG, 140 kg max user weight									2,563

Backrest-style for Pro versions										£
NTR010044	Fixed welded, non angle-adjustable, non foldable									440
Angle to the Ground	-4° (86°)		-2° (88°)		0° (90°)		+2° (92°)		+4° (94°)	
Backrest Height	275	300	325	350	375	400	425	450		
NTR030404	Backrest cross-tube, wide (78 mm clearance between backrest upholstery and cross-tube)									0
NTR030403	Backrest cross-tube, narrow (48 mm clearance between backrest upholstery and cross-tube)									0
NTR010038	Angle-adjustable, foldable									605

Seat Width											£
(mm)	320	340	360	380	400	420	440	460	480	500	
Seat Depth											£
(mm)	340	360	380	400	420	440	460	480	500		

Dimensions																	£
Fork (Length)	Frame	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	
3" (111mm)	Low																
3" (111mm)	High																
4" (111mm)	Low																
4" (123mm)	Low																
4" (Frog Leg)	Low																
4" (111mm)	High																
4" (123mm)	High																
4" (Frog Leg)	High																
5" (111mm)	Low																
5" (123mm)	Low																
5" (Frog Leg)	Low																
5" (111mm)	High																
5" (123mm)	High																
5" (Frog Leg)	High																
6" (123mm)	Low																
6" (Frog Leg)	Low																
6" (123mm)	High																
6" (Frog Leg)	High																

Rear Seat Height (the rear seat height can only be between 0 mm and 130 mm below the selected front seat height)																£
Rear Seat Height in mm	370	380	390	400	410	420	430	440	450	460	470	480	490	500		
24" Rear Wheels (3) (5)																
25" Rear Wheels (4) (5)																

(1) Also available as one arm fork; please choose fork type on the following pages

(2) High Frame is 40 mm taller than Low Frame. On lower or medium seat-heights, the high frame gives you the opportunity to choose a shorter fork/smaller caster

(3) No decline or increase of the seat height possible for rear height 370 and 490 mm

(4) No decline or increase of the seat height possible for rear height 380 and 500 mm

(5) Rear seat height 370mm (24") and 380mm (25") only possible with NTR020012/ 17/ 18 seat-sling strap-style airflow

Seat						£
Seat Sling						
NTR020002	Seat sling, nylon, tension adjustable, 1 utility bag					0
NTR020003	Seat sling, nylon, tension adjustable, 2 utility bags (1)					56
NTR020004	Seat sling, nylon, tension adjustable, 1 utility bag, 1 catheter bag (1)					89
NTR020012	Seat sling, strap-style (airflow), tension adjustable with 1 utility bag (2) (3)					263
NTR020017	Seat sling, strap-style (airflow), tension adjustable with 2 utility bag (1) (2) (3)					297
NTR020018	Seat sling, strap-style (airflow), tension adjustable with utility bag and catheter bag (1) (2) (3)					331
NTR020019	Seat sling, Airflow, superlight without bag (max user-weight 85 kg) (2) (3) (4) 					263
NTR020000	Without seat sling					0
Seat cushion, cover with zipper, black						
NTR020101	Seat cushion, foam (medium-soft), cover with zipper, black, 30 mm					73
NTR020102	Seat cushion, foam (medium-soft), cover with zipper, black, 50 mm					73
NTR020103	Seat cushion, Latex (very soft), cover with zipper, black, 50 mm					73
Seat accessories						
NTR090018	Positioning belt (5)					46
JAY Cushions – for complete product range see JAY order forms						
JAY020002	JAY Basic					63
JAY020003	JAY Soft Combi P					89
JAY020001	JAY Easy Visco C					152
JAY020007	JAY Easy Fluid, Curved Base					354
JAY020004	JAY Lite, Curved Base					247
Backrest						£
NTR030157	Aluminium backrest, push-bar release (6)					
	250-300	300-350	350-400	400-450		
	250	300	350	400		
	275	325	375	425		
	300	350	400	450		
NTR030158	Aluminium backrest, twist-lock release (7)					165
	275	325	375	425		
	300	350	400	450		
NTR030159	Lightweight Aluminium backrest, push-bar release (8) 					110
	250	300	350	400	450	
	275	325	375	425		
	NTR030404		Backrest cross-tube, wide (78 mm clearance between backrest upholstery and cross-tube) (9)			0
	NTR030403		Backrest cross-tube narrow (48 mm clearance between backrest upholstery and cross-tube) (9)			0
NTR030012	Backrest, angle-adjustable (non foldable) (10)					0
NTR030015	Backrest, angle-adjustable, fold-down. Standard colour: black (10)					0
	Bracket Colour	Orange	Silver	Red	Blue	
NTR030102	Backrest, angle-adjustable, fold-down, locked when folded, colour: black					59

(1) Only from SW 360 mm

(2) Not possible to convert strap-style upholstery to standard upholstery

(3) Only up to 480 mm

(4) Max user weight 85kg, max seat-width 400mm

(5) Not with fixed welded backrest

(6) Choose back height factory setting (mm). Height adjustments possible in the range 250 - 300

mm; 300 - 350 mm; 350 - 400 mm; 400 - 450 mm

(7) Not with seat width 320 mm; fixed height; not with NTR030012

(8) Fixed height, not in combination with push handles, height adjustable

(9) Only with NTR030159 Lightweight Aluminium backrest, push-bar release

(10) Adjustable: -17,5° to +10°

Push Handles (1)							£
NTR030200	Omit Push Handles 						0
NTR030201	Push handles long (2)						0
NTR030203	Push handles, fold-down (2) (3)						142
NTR030204	Push handles, height-adjustable (3) (+)						188

Backrest Upholstery							£
NTR030316	EXO Backrest sling, synthetic fibre, padded, adjustable, 1 accessory bag, black						0
	Colour Binding Tape	Black	Orange	Silver	Red	Blue	
NTR030317	EXO PRO Backrest, synthetic fibre, padded, adj., breathable, spacer fabric, 1 accessory bag, black						162
	Colour Binding Tape	Black	Orange	Silver	Red	Blue	
NTR030300	Without backrest sling						0

Freestyle Back							£
NTR030090	Freestyle back with J3 Carbon Back (SC)						784
	Backrest shell height 240 mm (4)						
	Backrest shell width 320 mm – can be used from SW 320 mm						
	Backrest shell width 370 mm – can be used from SW 380 mm						
	Backrest shell width 420 mm – can be used from SW 440 mm						
	Backrest shell height 310 mm (5)						
	Backrest shell width 320 mm – can be used from SW 320 mm						
	Backrest shell width 370 mm – can be used from SW 380 mm						
	Backrest shell width 420 mm – can be used from SW 440 mm						
NTR030012	Backrest, angle-adjustable (non foldable) (6)						0
NTR030015	Backrest, angle-adjustable, fold-down. Standard colour: black (6) (7)						0
	Black	Orange	Silver	Red			
NTR030102	Backrest, angle-adjustable, fold-down, locked when folded. Standard colour: black						59
NTR030211	Push handles removable (8)						188

Jay Backs (9)							£
JAY J3 Back, Shallow Contour (SC)		Short (S)		Medium (M)		Tall (T)	
Mid Thoracic (MT)				JAY030010		JAY030033	582
Upper Thoracic (UT)		JAY030012		JAY030019		JAY030025	658
Shoulder Height (SH)		JAY030015		JAY030022		JAY030028	658
JAY J3 Back, Mid Contour (MC)		Short (S)		Medium (M)		Tall (T)	
Mid Thoracic (MT)				JAY030011		JAY030018	582
Upper Thoracic (UT)		JAY030013		JAY030020		JAY030026	658
Shoulder Height (SH)		JAY030016		JAY030023		JAY030029	658
JAY J3 Carbon Back, Shallow Contour (SC)		Short (S)				Tall (T)	
Lower Thoracic		JAY060001				JAY060002	696
Mid Thoracic		JAY060003				JAY060004	696

Accessories for JAY J3 Backs							
WHT030415	Whitmyer Headrest, COBRA XTRA, flip back (10)						293
WHT030416	Whitmyer Headrest, AXYS, Standard (10)						159
JAY090058	JAY Accessory bag (11)						53

(1) Not in combination with Freestyle back
(2) Not with height adjustable push handles
(3) Only available from 325 mm backrest height
(4) Backrest height 275 - 350 mm
(5) Backrest height 325 - 425 mm
(6) -17,5° - +10

(7) Always with push-bar release
(8) Only with NTR030090 Freestyle back with J3 Carbon Back (SC)
(9) Not with NTR030090 Freestyle back with J3 Carbon Back (SC)
(10) Only with JAY J3 Backs
(11) Only with JAY J3 Carbon Backs

Sideguard Mounting

	£
NTR040061 Flip-Back option for sideguards (14)	0

Armrest & Sideguards

	£
NTR040101 Sideguard, carbon fibre, slim, black (1) (2) 	222
NTR040102 Sideguard, aluminium, cold weather protection (in frame colour)	194
NTR040103 Sideguard, aluminium, cold weather protection, fender (in frame colour) (3)	266
NTR040104 Sideguard, carbon fibre, fender, cold weather protection, black (3)	348
NTR040107 Sideguard, composite, removable, 21 cm high (310 mm long), black (4)	0
NTR040050 Single-post sideguard, height-adjustable, removable, armpad (250 mm) (4) (5) (+)	194
NTR040051 Single-post sideguard, height-adjustable, removable, armpad long (330 mm) (4) (5) (+)	194
NTR040052 Single-post sideguard, armpad (330 mm), tool height-, depth-adjustable, removable (5) (6) (+)	222
NTR040117 Tubular armrest, Alu, swing away (sideways), padded, removable (7) (+)	223
NTR040000 Without Sideguard	0

Footboards

	£
NTR050029 Footrest, tubular, lightweight, aluminium (8) 	0
NTR050030 Footrest, tubular, lightweight, aluminium, with cover (8)	80
NTR050025 Platform footplate lightweight angle & depth adjustable composite (8)	164
NTR050024 Platform footplate lightweight angle & depth adjustable aluminium (colour: frame colour) (8)	164
NTR050026 Platform footplate lightweight angle & depth adjustable carbon (8)	336
NTR050034 Footboard, platform, lightweight, aluminium, angle and depth-adjustable, high-mount, calf strap, frame colour	164
NTR050125 Performance footplate angle adjustable (8)	244
NTR050128 Footboard, platform, plastic, angle and depth adjustable, flip-up (to the back) (9) (11) (+)	23
NTR050022 Footboard, divided, aluminum, angle-adjustable, flip-up (sideways), heel loop, frame colour (10) (12) (+)	162
NTR050127 Adjustable side protection, to create a side-stop on the footboard (13)	23

Lower Leg Length (LLL)

220	230	240	250	260	270	280	290
300	310	320	330	340	350	360	370
380	390	400	410	420	430	440	450
460	470	480	490	500	510	520	

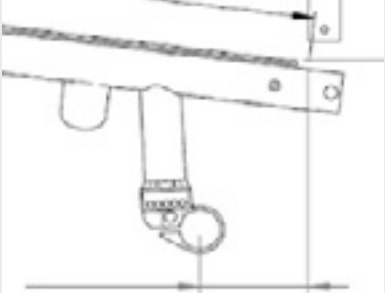
Low frame: LLL 220 - 350 mm only with high mounted footrest; for all other footrests from LLL 360 - 500 mm.

High Frame: LLL 220 - 390 mm only with high mounted footrest; for all other footrests from LLL 400 - 520 mm.

(1) With 24" rear wheel min. rear seat height 410 mm; with 25" rear wheel min. rear seat height 430 mm
 (2) Slim style, carbon fibre
 (3) Minimum seat height 390 mm
 (4) Quickie style
 (5) Not with tubular armrest
 (6) Not with COG 92 mm & 104 mm
 (7) Not in combination with handbike axle

(8) LLL 360 mm - 520 mm
 (9) LLL from 330 mm, not with 4" castor
 (10) LLL from 380 mm with low frame, from 420 mm with high frame, not with 4" & 6" castor
 (11) 125 kg max user weight
 (12) Only up to 480 mm seat width
 (13) Only for platform footplates lightweight angle & depth adjustable
 (14) Only with NTR040102 Sideguard aluminium, not with Pro option in combination with fixed welded backrest, not in combination with NTR030158 Backrest, twist-lock

Frame Options			£
Frame Length			
NTR010206	Frame standard		0
NTR010207	Frame long (1)		0
Frame Angle			
NTR010012	100° frame (2)		0
NTR010013	92° Performance frame (2)		0
NTR010009	88° Performance compact frame (2) (3)		128
Frame Inset			
NTR010100	Inset: Standard (0 mm)		0
NTR010101	Inset: Small (10 mm) (4)		0
NTR010103	Inset: Performance (30 mm) (5)		128
Accessories			
NTR110156	Twin-LED light (mounted on caster links, battery and controller on calf-strap)		150
NTR110040	Design frame protection		74
NTR010500	Wheelbase extension for add-on bike (6) (+)		348

Centre of Gravity		£
COG20	Centre of Gravity 2cm	
COG32	Centre of Gravity 3.2cm	
COG44	Centre of Gravity 4.4cm	
COG56	Centre of Gravity 5.6cm	
COG68	Centre of Gravity 6.8cm	
COG80	Centre of Gravity 8.0cm	
COG92	Centre of Gravity 9.2cm	
COG104	Centre of Gravity 10.4cm	

Frame Accessories			£
Suspension			
NTR090031	Suspension (up to 70 kg) (7) (8) (+)		496
NTR090032	Suspension (up to 120 kg) (7) (8) (+)		496
Tip assist (step tube)			
NTR090001	Tip assist, left		31
NTR090002	Tip assist, right		31
NTR090003	Tip assist, pair (9) (+)		59
NTR090009	Crutch holder (10)		74
Anti-tip tubes swing-away			
NTR090004	Anti-tip tubes, swing-away, left (+)		96
NTR090005	Anti-tip tubes, swing-away, right (+)		96
NTR090006	Anti-tip tubes, swing-away, pair (11) (+)		194
NTR090007	Anti-tip tubes, plug-in, pair (+)		80
Anti-tip flip up (user operated)			
NTR090033	Anti-tip tubes, flip-up (upwards), LH (12) (+)		147
NTR090008	Anti-tip tubes, flip-up (upwards), RH (12) (+)		147
NTR090035	Anti-tip tubes, aluminium, sport, plug-in (13) (+)		80
NTR090010	Transit wheels (14) (+)		213
NTR090016	Frame protection		74

(1) 20 mm additional frame length between front edge of seat upholstery and knee bend

(2) No change from 3" & 4" castor to 5" & 6" afterwards possible

(3) Only with 0 mm and 30 mm inset, minimum seat-height difference front / rear: 30 mm

(4) Not in combination with 88° frame angle

(5) Not available for seat width 320 mm

(6) Always 3° more than the standard axle camber

(7) Not with COG 68 - 104 mm. Not with seat height 370 - 420 mm and 24" & 370 - 430 mm with 25".

Not with carbon axle tube. Not with sport anti-tip & tip-assist

(8) Not for handbike use, only up to seat width 460 mm

(9) Not available with anti-tip

(10) Only in combination with tip assist

(11) Not available with tip assist

(12) Not in combination with handbike axle

(13) Not with carbon axle; not with COG 20 mm

(14) 3" wheels

Castor Forks						£
NTR080013	Castor fork, Carbotecture ® (not suitable / approved for power add-ons), black (4) 					0
	Orange	Silver	Red	Blue		
NTR080029	Castor fork, Aluminium, black (6)					0
	Orange	Silver				
NTR080008	Castor fork, aluminium, one-arm. Standard colour: black (7)					185
	Orange	Silver	Red	Blue		
NTR080007	Castor fork, aluminium, suspension (Frog Legs ®), black (8) (+)					311

Castor Wheels						£
NTR080301	Castor, solid (hard), rim: composite, black (9)					0
NTR080302	Castor, solid (soft), rim: composite, black (10)					0
NTR080304	Castor, solid (hard), rim: aluminium (12)					87
NTR080306	Castor, solid (soft), rim: aluminium, silver (12)					87
	Colour Rim:	Black	Orange	Red	Blue	
NTR080060	Castor, solid (soft), rim: carbon-composite, ultralight (13) 					110

Rear Wheels						£
NTR070000	Without rear wheel					0
NTR070001	Rear wheel, Universal, 36 spokes (silver), cross-wise spokes (15) (+)					0
NTR070002	Rear wheel, Design, 36 spokes (silver), straight spokes (15)					0
NTR070003	Rear wheel, Lightweight, 24 spokes (silver), straight spokes (16)					0
NTR070004	Rear wheel, Proton, 24 spokes (black), straight spokes (17) 					531
NTR070005	Rear wheel, Spinergy, 18 spokes (black), straight spokes; hub: silver					481
NTR070007	Rear wheel, Spinergy, 12 spokes (black), straight spokes, hub black					741
NTR070009	Rear wheel, Mountainbike, 36 spokes (silver), straight spokes (15)					327
NTR070010	Mountainbike wheel, replacement kit incl. tyre (extra coarse profile) (15)					657

Quick Release Axle						£
NTR070150	Quick-release axle (18)					0
NTR070153	Quick-release axle superlight, Titan (19) (RED PIN) 					55

Tyres						£
NTR070101	Tyre, pneumatic, fine profile, Schwalbe Right Run					0
NTR070107	Tyre, pneumatic, slick, Schwalbe One 					99
NTR070102	Tyre, puncture proof, tread (+)					0
NTR070104	Tyre, pneumatic, puncture proof, tread, Schwalbe Marathon Plus Evolution (+)					99

(1) Docking pins assembled; not with suspension, not with lightweight compact brake
 (2) Docking pins assembled; not with suspension, not with lightweight compact brake; ATTITUDE order on separate order form
 (3) Please use separate OF to order F55. Not with suspension, not with Lightweight Compact brake EVO
 (4) Only 111 mm
 (5) Red and Blue only in combination with soft castor
 (6) Only 123 mm
 (7) Only 111 mm length & only with 4" & 5" aluminium soft; aluminium solid
 (8) Only in combination with 4" & 5" solid & all aluminium castors. Only black

(9) 3" - 6"; not with one arm fork
 (10) Only 5" & 6"; not with one arm fork
 (11) Not available for 6"; not with one arm fork
 (12) Only for 4" & 5"
 (13) Only 4"
 (14) For users with higher user weight than 100 kg, we recommend cross spoked wheels
 (15) Only 24"
 (16) See colour options on last page
 (17) User weight limit 100 kg
 (18) Standard, stainless steel
 (19) Not with Universal wheel

Handrims					£
NTR070201	Handrims, aluminium, powder-coated, clear				0
NTR070202	Handrims, aluminium, anodised, silver				0
NTR070203	Handrims, aluminium, powder-coated, coloured (1)				66
NTR070204	Handrims, stainless steel, silver (+)				0
NTR070205	Handrims, titanium, untreated				204
NTR070206	Handrims, titanium, powder-coated, clear				204
NTR070207	Handrims, Supergrip ® (+)				244
NTR070208	Handrims, Maxgripp ® (2) (+)				244
NTR070212	Handrims, Ellipse 3R, black (+)				195
NTR070250	Handrim cover, rubber (3)				99
B4M	Handrims, Carbolife QUADRO (2) (4) (+)				330
B4M	Handrims, Carbolife GEKKO (4) (+)				330

Handrim Mounting

NTR070307	Handrim mount, super narrow (7 mm) (5)				0
NTR070317	Handrim mount, narrow (17 mm)				0
NTR070327	Handrim mount, wide (27 mm)				0

Axle Tube

NTR010401	Axle tube, aluminium, black				0
NTR010402	Axle tube, carbon, black (6)				223
NTR010403	Axle-assembly superlight, Carbon (6) (7)				223

Wheel Camber

NTR070600	0°				0
NTR070603	3°				0
NTR070606	6° (8)				0
NTR070609	9° (9)				0

Spoke Guards (2)

NTR070831	Transparent					165
NTR070823	Princess	NTR070813	Galaktica	NTR070806	Chrome	165
NTR070816	Happy Lions	NTR070821	Pirates	NTR070803	Basketball 2	165
NTR070619	Monkeys	NTR070814	Graffiti	NTR070828	Space	165
NTR070820	Oriental	NTR070802	Basketball			165
NTR070829	Superhero	NTR070812	Flying Water			165
NTR070817	Hot Wheels	NTR070833	Zebra			165
NTR070822	Pool	NTR070818	Jungle Fever			165
NTR070827	Silk	NTR070811	Feather			165
NTR070830	Tiger					165

(1) Select colour on last page

(2) Only 24"

(3) Not with 25" and 26" and Ellipse

(4) B4M leadtimes and conditions apply

(5) Only with stainless steel and Ellipse

(6) Add-ons (push-devices, trailers etc.) must not be clamped to the carbon tubes

(7) Not with WheelDrive; only 0° camber, no adjustment of track-width possible

(8) Not with carbon axle tube. Not with WheelDrive

(9) Not with carbon axle tube. Not with handbike axle & WheelDrive

Wheel Locks		£
NTR060001	Standard brake	0
NTR060002	Knee-lever brake	62
NTR060023	Compact brake EVO (1)	0
NTR060024	Lightweight compact brake EVO (1) (2) 	171
NTR060010	Brake lever extension, knee-lever brake, fold-down (3)	62
NTR060006	Compact one-arm brake, left actuation (+)	166
NTR060007	Compact one-arm brake, right actuation (+)	166

Accessories		£
NTR090000	Tool Kit	0
NTR090024	High pressure pump (0 - 11 bar)	80
NTR090025	Air Pump	17
NTR090030	Back pack	65
NTR090100	Tie down brackets for transportation	0
NTR090014	Frame reinforcement kit for add on bike (6)	330
NTR090026	Mobile phone pocket	48

Frame Colours				£
	Frame	Handrim	Hub/Rim	
02 Brilliant Silver				27 Graphitemetallic
03 Silver Matt				40 Kiwi
05 Sun Yellow				41 Flamingo-Glitter
14 Blue				29 Black
15 Brilliant Marine				31 Matt Black
16 Matt marine				32 Signal White
19 Brilliant Purple				33 Pink
21 Red Ruby				34 Dark Chocolate Metallic
22 Brilliant Red				35 Skyblue
23 Matt Red				36 Cyan-Metallic
24 Tutti Frutti Orange				37 Marsred (Orange)
				42 Matt Anthracite
				46 Mamba Green

(1) Not available with 6° & 9° camber

(2) Adjustment of COG ±20 mm on a wheelchair in the field. Not for use with add-on bikes

(3) Only with NTR060002

(4) Not in combination with high mounted footrest

(5) Not with LLL 220 - 360 mm

(6) Not necessary in combination with ATTITUDE handbikes

(7) Please consult our colour catalogue to review your colour choice

(8) Only with rear wheel, universal

Sticker Colours		£
NTR100550	Black	0
NTR100551	Silver	0
NTR100552	Orange	0
NTR100553	Red	0
NTR100554	Blue	0

Axle Stem Clamp Colours		£
NTR100560	Silver	0
NTR100561	Orange	0
NTR100562	Red	0
NTR100563	Blue	0

Frame Graphic 'Floating Dots'		£
NTR100570	Black	0
NTR100575	Matt Black	0
NTR100571	Silver (Grey)	0
NTR100572	Orange	0
NTR100573	Red	0
NTR100574	Blue	0

24" Lightweight Wheel Colours		£
NTR100335	Black	0
NTR100336	Orange Anodised	0
NTR100337	Blue Anodised	0
NTR100338	Red Anodised	0

(1) No choice of sticker colours (NTR100550-554) in combination with frame graphic "Floating Dots" possible. The "Nitrum" sticker on the caster-link is always the same colour as the chosen Floating Dots- colour

(2) Anodised colours for hub and rim, black spokes. Only with lightweight wheel in 24"

Comments

Nitrum

€

Base Price

00,000.00

Total Of Additional Equipment

Packaging And Transport

Exclusive VAT

VAT

Total Price

Date

Signature

Day

Month

Year



Sunrise Medical Ltd

Thorns Road
 Brierley Hill
 West Midlands
 DY5 2LD
 Phone: +44 (0) 845 605 66 88
 Fax: +44 (0) 845 605 66 89
 E-Mail: info@sunmed.co.uk
www.SunriseMedical.co.uk

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. 10 - 20 mm 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. 30 - 60 mm). Care must be taken with adjustable upholstery.
- b) On the wheelchair: From back tube to front of seat upholstery.
- c) Nitrum with angle-adjustable backrest; use the backrest bracket as base for the measurement and then add 6mm (wall-thickness of the backrest-bracket) to achieve a correct measurement.

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 edge of the seat-upholstry, next to the seat-tube to the ground (min. 30 mm longer than user measurement). Remember to include the cushion height.

Rear seat height:

On the wheelchair: From rear edge of the seat-upholstery, next to the seat-tube to the ground.

Note: Maximum seat height difference rear to front is 130 mm.

Back height:

- a) For the user: From the seat, including cushion, to be no more than 10 - 20 mm below the lower shoulder blade.
- b) On the wheelchair: From top of the seat-upholstery to upper edge of backrest upholstery.

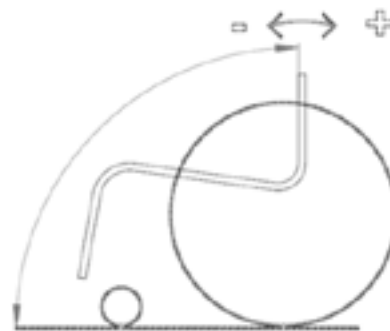
Note: The user's ability to sit upright has a major influence on the back height and it can therefore differ considerably.

Back angle:

Important: The back height depends on the degree of disability.

0° is the angle 90° to the ground. Negative angles are <90°

(-) and positive angles are >90° (+)



Technical Data

Overall width:		Overall width with: 24" Rear wheel	25" Rear wheel
Overall width:		For 0° camber: SW + 170 mm	SW + 170 mm
Max. overall height:	1000 mm	For 3° camber: SW + 230 mm	SW + 240 mm
Max. overall length:	992 mm	For 6° camber: SW + 290 mm	SW + 300 mm
		For 9° camber: SW + 360 mm	SW + 370 mm

Please note that the matrix is based on a std configuration:

Standard wheelchair 400 x 400 mm; 560 mm COG; Seat angle of 8°

All changes in the configuration might change the seat heights.

Manufacturing tolerances of +/- 10 mm

Weight

We want to be very transparent on weight. The following information will be a guide to the lightest possible Nitrum: how to achieve a 7,5 kg wheelchair, and how to order the lightest possible configuration for your Nitrum.

Nitrum: 7,5 kg configuration

Frame: high frame, 92°, 30 mm inset, seat width: 360 mm, seat depth: 400 mm. Seat height: front 470 mm, rear 430 mm. Seat-sling Airflow superlight

Footrest: tubular footrest

Forks and casters: 111 mm carbotechnology fork; 4" Castor, solid (soft), rim: carbon-composite, ultralight



Backrest: Lightweight Aluminium backrest, push-bar release, 325mm height; without push-handles

Sideguards: Carbon fibre, slim-style

Axle-tube : Axle-assembly superlight, Carbon

Wheel-locks: Lightweight compact brake EVO

Rear wheels: 24" Proton wheels with Aluminium handrims (coated or anodized) and Schwalbe One tyres; quick-release axles superlight, titan

(Please mind that there is a 5% tolerance on all weight specifications due to weight deviations on mounting parts (tyres, caster-wheels etc.)

Lightweight-Guide for ordering the Nitrum

Sunrise Medical offers a wide variety of options for the Nitrum to suit every user's needs. However, most options add significant weight to the wheelchair. To make this more transparent when filling in the order-form, and to assist you in ordering the lightest possible wheelchair, we indicate the approximate weight-increase of the options on the order form:

- (L)** Indicates the lightest possible option within the range of options
- (+)** Indicates that this option adds more than 500 g to the wheelchair's weight compared to the lightest option within the range

Lightweight-Options for the Nitrum

We developed several options for the Nitrum to save weight on the chair without sacrificing daily-use suitability, comfort or durability



// Seat sling, Airflow, superlight (NTR020019): fully adjustable seat-sling with composite buckles and lighter straps (max. user weight 85 kg) (-120 g compared to seat sling "airflow")

// Axle-assembly superlight, Carbon (NTR010403): (only 0° camber): glued into the axle-tube, no adjustability of the track-width possible (-160 g compared to NTR010402 carbon axle-tube)

Castor, solid (soft), rim: carbon-composite, superlight (NTR080060): lightweight rim, made of carbon-composite material (-80 g compared to Castor, solid (soft), rim: aluminium)

Quick-release axle superlight, Titan (NTR070153): (-70 g compared to Standard steel quick-release axles)

Lightweight aluminium backrest, push-bar release (NTR030159): (-180 g compared to Standard backrest)

Seat Upholsteries & Cushions



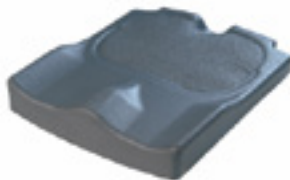
// NTR020002-020004
Seat sling, nylon, tension adj.



// NTR020012-020018
Seat sling strap style (airflow)



// JAY020002 JAY Basic
(pictured without cover)



// JAY020001 JAY Easy Visco
(pictured without cover)



// JAY020003 JAY Soft Combi P
(pictured without cover)



// JAY020004 JAY Lite
(pictured without cover)

Backrest



// NTR030201 Push handles long



// NTR030203 Push handles, fold-down



// NTR030204 Push handles, height-adjustable



// NTR030015 Backrest, angle-adjustable, fold-down



// NTR030090 Freestyle Back mit JAY J3 Carbon Rücken (SC)



// NTR030157 Aluminium backrest, push-bar release



// NTR030158 Aluminium backrest, angle-adjustable, twist-lock release



// NTR030211 Pushhandles removable, for Freestyle Back



// NTR030316 EXO Backrest sling (EXO Evo version)



// NTR030317 EXO PRO Backrest (EXO Evo version)

JAY J3 Backs (More JAY products available on separate JAY order forms)



// JAY J3 Back Heights from Left to Right: Lower Thoracic, Mid Thoracic, Upper Thoracic, Shoulder Height



// Shallow Contour (SC)



// Mid Contour (MC)

Sideguard & Armrest



// NTR040101 Sideguard, carbon fibre, slim, black



// NTR040102 Sideguard, aluminium, cold weather protection (in frame colour)



// NTR040103 Sideguard, aluminium, cold weather protection, fender (in frame colour)



// NTR040104 Sideguard, carbon fibre, fender, cold weather protection (black)



// NTR040061 Flip-back option for sideguard in combination with NTR040102 Sideguard, aluminium



Footrest



// NTR050029 Footrest, tubular, lightweight, aluminium



// NTR050030 Footrest, tubular, lightweight, aluminium, with cover



// NTR050034 Footboard, platform, lightw., alum., angle & depth-adj., high-mount, frame colour



// NTR050125 Footboard, platform, Performance, aluminum, angle-adj.



// NTR050026 Footboard, platform, lightweight, carbon fibre, angle and depth-adj.



// NTR050127 Foot positioning plate



// NTR010040 Design frame protection

Frame Versions

	Inset (in mm per side)		
Angle (a)	0 mm	10 mm	30 mm
100°	x	x	x
92°	x	x	x
88°	x	-	x

// NTR010207 Frame long: Additional 20 mm frame-length ("x") between front-edge of seat-upholstery and the knee-bend

Width between frame-tubes ("y") at the footrest: use the following formula: seat-width - 50 mm - 2x inset
 Example for 400 mm seat-width and 30 mm inset:
 400 mm - 50 mm - (2 x 30 mm) = 290 mm



Twin-LED light



// NTR110156 Twin-LED light (mounted on caster stems, battery and controller on calf-strap)



Integrated Li-Ion Battery (3.6V, 2600mAh), on-off-button on controller-box, 3 modes: full power, low power, flash-mode, incl. USB to micro-USB cable for charging

Frame Accessories



// NTR090001 Tip assist left



// NTR090004 Anti-tip tubes, swing-away



// NTR090007 Anti-tip tubes, plugin, pair



// NTR090035 Anti-tip tubes, aluminium, sport, plug-in



// NTR090008 Anti-tip tubes, flip-up (upwards), user operated



Rear Wheels



// NTR070001 Rear wheel, Universal, 36 spokes (silver), cross-wise spokes



// NTR070002 Rear wheel, Design, 36 spokes (silver), straight spokes



// NTR070003 Rear wheel, Lightweight, 24 spokes (silver), straight spokes



// NTR070004 Rear wheel, Proton, 24 spokes (black), straight spokes



// NTR07010 Mountainbike wheel



// NTR07003 Rear wheel, Lightweight, 24 spokes in combination with color selection on last page (NTR100336 - NTR100338)



// WDO070201 WheelDrive

Tyres & Forks



// NTR070101 Schwalbe Right Run



// NTR070107 Schwalbe One



// NTR070104 Schwalbe Marathon Plus Evolution



// NTR070102 Tyre, puncture proof, tread



// NTR080013 & NTR080306 Castor fork, Carbotech & Castor solid (soft) aluminum



// NTR080008 Castor fork, aluminum, one-arm, blue

Handrims



// NTR070208 Handrim Maxgrepp®



// NTR070212 Handrim Ellipse 3R

Axle Tubes



// NTR010403 Axle assembly super-light



// NTR010402 Carbon axle-tube
// NTR100553 Axle-stem clamp colour, red

Wheel Locks



// NTR060001 Standard brake



// NTR060002 Knee-lever brake

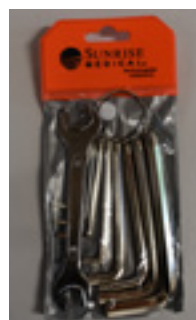


// NTR060023 Compact brake EVO



// NTR060004 Lightweight Compact brake EVO

Accessories



// NTR090000 Tool kit



// NTR090024 High pressure pump



// NTR090025 Air pump



// NTR090030 Back pack



// NTR090026 Mobile phone pocket

Frame Graphics



// Frame Graphics "Floating Dots"



// NTR100336
Lightweight wheel, anodized orange



// NTR100337
Lightweight wheel, anodized blue



// NTR100338
Lightweight wheel, anodized red

Frame Options



// Nitrum Hybrid Pro