

## **RETAIL**



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Invoice to:			Deliver to:	
Name:			Name:	
Street:		CF	Street:	
Town:	Postal code:	UK	Town:	Postal code:
E-Mail:		UK	E-Mail:	
Tel:	Fax:	CH	Tel:	Fax:
		_		
Order date:			Marked for:	
Purchase order:				
Number required:			Sunrise order no:	
		_		
Fax number: +44 (0)845 605 66 89	Base Pricing		Max. user weight:	125 kg
Email: orders@sunmed.co.uk	£1,695		<b>USER WEIGHT</b>	kg
Part no. 84400101 QMA01				
	CLIENT M	<b>IEASUREM</b>	ENT	

## Seat width (cm)

		34	36	38	40	42	44	46	48
_	36	0	0	0	0	0	0	0	0
(cm)	38	0	0	0	0	0	0	0	0
h (	40	0	0	0	0	0	0	0	0
depth	42	0	0	0	0	0	0	0	0
it d	44	0	0	0	0	0	0	0	0
Seat	46	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0
	50	0	0	0	0	0	0	0	0
-	Diaman make	414 41			a alc. All mana			م در دراناند ام	

Frame Leng	gth Matrix
Seat Depth	Frame Length
36-40cm	Short
42-44cm	Medium
46-48cm	Long
50cm	Extra long

FRONT SEAT HEIGHT SELECTION: independent of front castors and frame versions

## Front seat height (cm)

	Fork type (mm)	39	40	41	42	43	44	45	46	47	48	49	50
4"	Short	0	0		0		0						
4	Long				0		0	0		0			
5"	Short	0	0	0	0	0	0	0					
3	Long				0	0	0	0	0		0		
6"	Short	0	0		0	0	0	0	0	0			
O	Long				0	0		0	0	0	0	0	
7"	Long						0	0		0	0	0	0

Max. difference front/ rear seat height: 0 - 110 mm

**REAR SEAT HEIGHT SELECTION:** independent of rear wheel size

## Rear seat height (cm)

Wheels	36	37	38	39	40	41	42	43	44	45	46	47
22"	0	0	0	0	0		0	0	0			
24"			0	0	0		0	0	0	0	0	
25"				0	0	0	0		0	0	0	0

			£
		SEAT UPHOLSTERY AND CUSHIONS	
		Seat Slings	
LRF020001	•	Seat sling, Nylon, tension adjustable	
.RF020002		Seat sling, nylon, tension adjustable, 1 utility bag	
RF020000	0	Without seat sling	
		Seat Cushion with black cover	
_RF020101		Seat cushion, foam (medium-soft), cover with zipper, black, 3cm	85
.RF020102		Seat cushion, foam (medium-soft), cover with zipper, black, 5cm	85
.RF020103		Seat cushion, Latex (very soft), cover with zipper, black, 5cm	85
		Jay Cushion - for complete Jay product range see Jay order forms	
JAY020002		JAY Basic	75
IAY020001		JAY Easy Visco C	180
JAY020007		JAY Easy Fluid	415
JAY020004		JAY LITE	290
		Seat accessories	
_RF090018		Lap belt with buckle, metal	70
		BACKREST	
Backrest h	eight	range 25-30 30-35 35-40 40-50	
Back heigh	t set a	ot (cm)	
		O 27.5 O 32.5 O 37.5 O 42.5	
		0 30 0 35 0 40 0 45	
LRF030001	•	Backrest tube, aluminium (from BH 27.5cm)	)
.RF030015	0	Backrest, angle-adjustable, fold-down	
		O -12° (78 EU) O -8° (82 EU) O -4° (86 EU)	
		O 0° (90) EU) O 4° (94 EU) O 8° (98 EU)	
.RF030102		Backrest, angle-adjustable, lock when folded (only with angle adj back	90
		Push handles	
_RF030201	•	Push handles long	
_RF030203		Push handles, fold-down (only from back height 30cm	165
.RF030204		Push handles, height-adjustable (only from back height 30cm	220
.RF030205		Push handles, height-adjustable for Jay backs (only from back height 30cm	220
.RF030200	0	Without push handles	
		Headrest	
_RF030410		Headrest, tall height, depth and angle-adjustable, 23 x 11cm (Only with push handles height adjustable	245
.RF030411		Headrest, medium height, depth & angle-adjustable, 20 x 11cm (Only with push handles height adjustable	245
		Backrest upholstery (black)	
.RF030316	0	EXO Backrest sling, padded, adjustable, 1 accessory bag, black (Evo Exo Version)	
		Colour, binding tape:   Black O Orange O Silver O Red O Blue	
RF030317		EXO PRO Backrest sling, padded,adjust., breathable spacer fabric, accessory bag, black (Evo Exo Version)	90
		Colour, binding tape: ● Black ○ Orange ○ Silver ○ Red ○ Blue	<u></u>

Upper Thoracic: Jay 3 Back - Deep	JAY BACKS plus ACCESSORIES - for complete Jay product range see Jay order forms	
Jay 3 Back - Deep		
Upper Thoracic:  Jay 3 Back - Deep  Upper Thoracic:	200p Contour	
Jay 3 Back - Deep	□ <i>JAY030042</i> Medium 46cm	850
Upper Thoracic:	o Contour	
	□ JAY030021 Medium 46cm	870
JAY030004	□ Jay Headrest S/A (only with Jay 3 backs)	290
JAY030006	□ Standard Jay headrest (only with Jay 3 backs)	235
	ARMREST AND SIDEGUARDS	
	Armrest (choose only one option, not in combination with sideguards; only with 0° and 1° camber)	
LRF040050 □	Single-post sideguard, height-adjustable, removable, armpad (25cm),	180
LRF040051 □	Single-post sideguard, height-adjustable, removable, armpad (36cm),	180
LRF040052 □	Single-post sideguard, depth adjustable, tool height-adjustable, removable, armpad (33cm)	180
	Sideguards (not in combination with armrest)	
LRF040107 O	Sideguard, composite, removable, 21 cm high (31cm long), black	
LRF040102 □	Sideguard, aluminium, cold weather protection (in frame colour) (effective seat width is sw + 2cm)	230
LRF040103 □	Sideguard, aluminium, fender, cold weather protection (in frame colour) (effective seat width is sw + 2cm)	315
LRF040104 □	Sideguard, carbon fibre, fender, cold weather protection (black) (effective seat width is sw + 2cm)	395
	FRAME	
LRF010010 O	Frame FF 75 ° (integrated footrest) (LLL from 34cm)	
LRF010011 O	Frame FF 85 ° (integrated footrest)	
LRF010016 □	Frame FF 85 ° (integrated footrest), inset (2cm on each side), active	
LRF010015 O	Frame SA (removable footrest)	
LRF090100	Tie down brackets for transportation	
	CENTRE OF GRAVITY (COG) measured from front of back post; choose only one option	
COG23 O	Centre of gravity 2.3cm	
COG43 O	Centre of gravity 4.3cm	
COG63 O	Centre of gravity 6.3cm	
COG83 O	Centre of gravity 8.3cm	
	Frame accessories	
<i>LRF010500</i> □	Handbike axle (1)	365
<i>LRF090010</i> □	Transit wheels (Not with crutch holder, tip assist and anti tip)	235
	Tip assist (step tube) & Crutch holder (choose either tip assist or anti-tip tubes, not both)	
LRF090001 □	Tip assist, left	35
<i>LRF090003</i> □	Tip assist, pair	70
<i>LRF090009</i> □	Crutch holder, loop (only in combination with tip assist)	80
	Anti-tip tubes, swing-away (choose either tip assist or anti- tip tubes, not both)	
LRF090036 O	Anti-tip tubes, aluminium, lightweight, swing-away (forwards), pair	95
LRF090004 □	Anti-tip tubes, swing-away, left LRF090005   Anti-tip tubes, swing-away, right	125
LRF090006 □	Anti-tip tubes, swing-away, pair	195
(1) (max 100 kg us	er weight; not with drumbrake, crutch holder, tip assist, anti tip, wheel drive)	

		PREPARATION FOR ATTITUDE ADD-ON BIKE - only with FF-Frame	£
RF090211		·	125
RF090211		Preparation for ATTITUDE, w/o ATTITUDE order (docking pins assembled)  Preparation for ATTITUDE, with ATTITUDE order (docking pins assembled; ATTITUDE order seperately)	125
	0	Preparation for ATTITUDE, with ATTITUDE order (docking pins assembled; ATTITUDE order seperately)	
		EMPULSE F55 BUNDLING	
EMO000101	0	With F55 order, not mounted to the wheelchair (Please use separate OF to order the F55.)	
EMO000102	0	With F55 order, mounted to the wheelchair (Please use separate OF to order the F55.)	
		HANGERS & FOOTPLATES	
LRF050002	0	Hanger angle 70°	
LRF050001	0	Hanger angle 80°	
LRF050041	0	Hanger angle 90° (not with 6" & 7" castor)	
RF050008	0	Hanger, aluminium, swing-away, pair	
RF050006	0	Hanger, aluminium, swing-away, LH <i>LRF050007</i> O Hanger, aluminium, swing-away, RH	
		Composite hanger	
.RF050002	0	Hanger angle 70°	
LRF050001	0	Hanger angle 80°	
LRF050005	0	Hanger, composite, swing-away, pair	
LRF050003	0	Hanger, composite, swing-away, LH <i>LRF050004</i> O Hanger, composite, swing-away, RH	
		Elevating Legrest (ELR)	
.RF050011		Hanger, aluminium, flip-up (0° - 90°), swing-away, pair (1) (from seat width 38cm)	330
RF050009	_	Hanger, aluminium, flip-up (0° - 90°), swing-away, LH  (1)	155
LRF050010	_	Hanger, aluminium, flip-up (0° - 90°), swing-away, RH (1)	155
		Footplate (when SA front selected)	100
.RF050020	•		
		Footplates, divided, composite, angle-adjustable, flip-up (sideways), heel loop, black  (2)	151
RF050050			150
_RF050102		Footboard, platform, aluminium, angle-adjustable, flip-up (sideways), heel loop, black  (3)	150
		LRF050126 ☐ Swing-away mechanism for platform footboard (from LLL 34cm)	100
		LRF050062 ☐ Locking system, platform footplate, aluminium	75
DE050404		Platform footrest, angle adjustable (only for seat width 32 to 50cm)	40
LRF050131		Footboard, platform, lightweight, composite, angle & depth-adjustable flip up, calf strap black (4)	195
LRF050132		Footboard, platform lightweight, carbon fibre, angle &depth-adjustable flip-up, calf strap, black (4)	39
LRF050127		Adjustable side protection, to create a side-stop on the footboard (only in combination with Platform)	30
		Footrest (only with fixed front frame) (not with hanger; lower leg length between 36 - 52.5cm)	
.RF050025	0	Footboard, platform, lightweight, composite, angle and depth-adjustable, calf strap, black	
LRF050024		Footboard, platform, lightweight, aluminum, angle and depth-adjustable, calf strap, frame colour	195
LRF050127		Adjustable side protection, to create a side-stop on the footboard (only with LIR050025/050024/050032)	30
		LOWER LEG LENGTH (LLL in cm) (Attention: LLL has to be 25 mm lower than seat height front)	
	0	33 0 34 0 35 0 36 0 37 0 38 0 39	
	0	40 0 41 0 42 0 43 0 44 0 45 0 46 0 47	
		FORK (compare with your choice on the first page)	
_RF080041	•	Castor fork, Aluminium, Black	
		LRF080042 O Colour Cast. Fork Silver	
		LRF080043 O Colour Cast. Fork Orange	
		CASTOR (compare with your choice on the first page)	
.RF080301	0	Castor, solid (hard), rim: composite, black	
RF080302	0	Castor, solid (soft), rim: composite, black (only for 5" & 6" castors; max SH 520mm)	
.RF080305	0	Castor, pneumatic, rim: composite, black (only for 6" & 7" castors)	
		Castor with aluminium rim	
LRF080304		Castor, solid (hard), rim: aluminium (Only for 4" and 5")	10
		Castor, solid (soft), rim: aluminium, silver (Only for 4" and 5";)	10
LRF080306		Colour, rim: LRF080311 O Black LRF080315 O Blue	
LRF080306		Colour, rim: LRF080311 O Black LRF080315 O Blue	
.RF080306		LRF080313         O         Orange         LRF080314         O         Red	_

				£
		REAR WHEELS (compare with your choice on the first page; choose only one wheel	ype)	
LRF070000	0	Without rear wheel		
LRF070001	0	Rear wheel, Universal, 36 spokes (silver), cross-wise spokes (only 22'	/24")	
LRF070002	0	Rear wheel, Design, 36 spokes (silver), straight spokes (only	24")	
LRF070003		Rear wheel, Lightweight, 24 spokes (silver), straight spokes (max. user weight: 12	5 kg)	90
LRF070004		Rear wheel, Proton, 24 spokes (black), straight spokes (max. user weight: 10	0 kg)	250
LRF070005		Rear wheel, Spinergy, 18 spokes (black), straight spokes, hub: silver (only 24'	/25")	495
LRF070008		Rear wheel, drum brakes, 36 spokes (silver), cross-wise spokes (only 22'	/24")	425
_RF070009		Rear wheel, Mountain bike, 36 spokes (silver), straight spokes (only	24")	360
LRF070010		Mountain bike wheel, replacement kit incl. tyre (extra coarse profile) (only	24")	585
		TYRES (choose only one tyre	type)	
LRF070107	•	Tyre, pneumatic, slick, Schwalbe One (only 24'	/25")	115€
LRF070101	0	Tyre, pneumatic, fine profile, Schwalbe Right Run (only 22'	/24")	
LRF070102	0	Tyre, puncture proof, tread (25" only with Proton, lightweight w	heel)	
-RF070104		Tyre, pneumatic, puncture proof, tread, Schwalbe Marathon Plus Evolution (only 24'	/25")	95
		HANDRIM		
.RF070202	0	Handrims, aluminium, anodised, silver		
LRF070201	0	Handrims, aluminium, powder-coated, clear		
LRF070204		Handrims, stainless steel, silver		100
LRF070203		Handrims, aluminium, powder-coated, coloured		
LRF070207		Handrims, Supergrip ® (22" only with universal and drum brake wh	eels)	250
LRF070208		Handrims, Maxgrepp ® (only 22"/24", only handrim mounting w	vide)	350
LRF070212		Handrims, Ellipse 3R, black (ergonomic handrims with rubber-strip, 24" and 25"	only)	125
LRF070200	0	Without handrims		
		HANDRIM MOUNTING		
LRF070307	0	Handrim mount, super narrow (7 mm) (Only with 24" stainless s	teel)	
LRF070317	0	Handrim mount, narrow (17 mm) (not with Maxgu	ерр)	
LRF070327	0	Handrim mount, wide (27 mm)		
		HANDRIM COVER		
_RF070250		Handrim cover, Silicon (not with 25", Supergrip.Maxgu	ерр)	110
		WHEEL CAMBER (choose only one option; Armrests only with 0°	& 1°)	
LRF070600	0	Camber 0° (no camber brackets prov.	ded)	
LRF070601	•	Camber 1° LRF070603 O Camber 3°		
RF070602	0	Camber 2° LRF070604 O Camber 4°		
		SPOKE GUARDS (not with spinergy wheels, not with 25", not with mountain	bike)	
LRF070831		Transparent LRF070820 □ Oriental LRF070827 □ Silk		150
LRF070822		Pool LRF070817   Hot Wheels	-	150
LRF070811		Feather <i>LRF070806</i> □ Chrome		150
RF070814		Graffiti <i>LRF070802</i> □ Basketball		150
		WHEEL LOCKS (choose only one op	tion)	
LRF060001	0	Standard brake		
_RF060003		Compact brake	$\dashv$	75
LRF060002		Knee-lever brake	$\dashv$	95
LRF060010		Brake lever extension, knee-lever brake, fold-down		50

									Ì	£
	AC	CESSORIE	S							
LRF090000	•	Tool kit								
LRF090025		Air pump								20
LRF090024		High pressu	re pump (0	- 11 bar)						90
LRF090030		Back pack								75
LRF090026		Mobile phor	e pocket							55
	CO	LOURS (1)	Please co	nsult our co	lour cat	alogue to review your colour ch	noice			
		Frame	Handrim	Hub/rim	Fork		Frame	Handrim	Hub/rim	Fork
			75	220				75	220	
02 Brilliant Si	ilver	0				29 Black	0			
03 Silver Mat	tt	0				31 Matt Black	0			
06 Sun Yellov	W	0				32 Signal White	0			
14 Blue		0				33 Pink	0			
15 Brilliant M	arine	0				34 Dark Chocolate Metallic	0			
16 Matt Marir	ne	0				35 Skyblue	0			
19 Brilliant Pเ	urple	0				36 Cyan-Metallic	0			
21 Red Ruby	′	0				37 Mars red (Orange)	0			
22 Brilliant Re	ed	0				40 Kiwi	0			
23 Matt Red		0				41 Flamingo-Glitter	0			
24 Tutti Frutti	i Ora	nge O				42 Matt-Anthracite	0			
27 Graphite N	Metal	lic O				46 Mamba Green	0			
(1) Handrim	: only	with handrim	colour pow	der coated; H	łub/rim:	only for universal wheel				
		STICKER	COLOUR	S						
LRF100550	•	Sticker colo	ur - black							
LRF100551	0	Sticker colo								
		ANODISE	D COLOU	JR AXLE F	PLATE					
LRF100580	•	Axle plate a								
LRF100581	0	Axle plate a	nodised, siv	er						
LRF100582	0	Axle plate a								
		24 " LIGH	T WEIGH	T WHEEL	COL	OURS				
	•	Black								
LRF100336		Anodised, o								
LRF100337		Anodised, b								
LRF100338		Anodised, re			_					
	CO	MMENTS	FOR SPE	CIAL BUIL	.D					
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								Dui		
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Option pric		4uau (						£		
Packaging		ıransport						£		
Exclusive \	VAI							£		
VAT.								£		
Total Price	9							£		

#### 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 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° knee angle:

From back of knee to bottom of shoe sole.

b) On the wheelchair: From front of seat tube to the ground.

(min. 30 mm 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 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 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.

 $0^{\circ}$  is the angle  $90^{\circ}$  to the ground. Negative angles are <  $90^{\circ}$ 

and positive angles are > 90°.

COG	Seat Depth										
	380	400	420	440	460	480	500				
40	×	×	X	>	<b>~</b>	<b>~</b>	~				
60	×	×	×	×	<b>~</b>	~	~				
70	×	×	×	×	<b>~</b>	<b>~</b>	~				
80	×	×	×	×	×	<b>~</b>	~				
90	×	×	×	×	×	<b>~</b>	~				
100	×	×	×	×	×	×	V				
110	×	×	×	×	×	×	V				
120	×	×	×	×	×	×	×				
130	×	×	×	×	×	×	×				

## **SEAT UPHOLSTERY AND CUSHIONS**



Seat cushion, cover with zipper, black



Seat cushion, climate membrane water-resistant, cover with zipper, black



Lap belt with buckle, metal



Jay Basic (picture shown without upholstery)



Jay Easy Visco (picture shown without upholstery)



Jay Easy Fluid (picture shown without upholstery)



Jay Lite

# **BACKREST**



Backrest, angle-adjustable, lock when folded



Push handles long



Fold down push



Height adjustable push handles



EXO backrest sling



EXO PRO backrest sling

## ARMREST AND SIDEGUARDS



Single post height adjustable armrest



Single-post sideguard, depth adjustable, tool height-adjustable



Sideguard composite detachable



Sideguard carbon with fender



Sideguard alu with fender



Desk amrest, height adjustable, short armpad(25cm)



Desk armrest, fixed height, short armpad(25cm)



Desk armrest without armpad

## Frame



Life SA



Life FF 85°



Life FF 75°



Frame FF 85 ° (integrated footrest), inset (20

## FRAME ACCESSORIES



Transit wheels



Tip assist



Crutch holder



Anti-tip swing away

# FRAME ACCESSORIES



Aluminium hanger, 90°



F

Hanger Angle 70°/80°



Elevating legrest



Amputee Support Pad



Platform footplate lightweight angle & depth adjustable composite flip up



Divided footplate composite



Divided footplate aluminium



Platform, angle and depth adjustable;flip up, aluminium with locking system

## **FORKS**



Fork Aluminium, black, orange & silver

# **REAR WHEELS**



Universal cross spoked



Design wheel



Lightweight wheel



Spinergy wheel, 18 spokes



Drum brake wheel

## **TYRES**



Right Run Tyre



Solid Tyre



Marathon Plus Evolution



Supergrip



Max Grepp



Ellipse 3R Handrim

# WHEEL LOCKS



Knee lever wheel lock



Brake lever extension



Compact wheel lock



Standard brake

# **ACCESSORIES**



Back pack



High pressure pump



Air pump



Mobile phone pocket

# Anodized colour axle plate



Axle plate anodized, orange



Axle plate anodized, silver



Axle plate anodized, black

## 24 " LIGHT WEIGHT WHEEL COLOURS



Lightweight wheel, anodized orange



Lightweight wheel, anodized blue



Lightweight wheel, anodized red