STRICKER



AT A GLANCE

...ABOUT US

Today, as the **oldest hand-bike manufacturer** in Europe we have a vast knowledge and experience in building high quality hand-bikes which can be tailored and adjusted to your needs.

We now have **distributors** in more than 30 countries around the world.

...DEMONSTRATIONS

Please contact our dealer in your country if you would like to arrange a demonstration. You can find the list of all our Distributors on our homepage www.stricker-handbikes.de under the category International.

Furthermore, we are represented on exhibitions and events Europe-wide. You can find our current calendar of events on our homepage www.stricker-handbikes.de under the category Events & Exhibitions.

...MOTIVATED AND QUALIFIED

Our experienced, trained staff look forward to working with you to **meet your specific needs**. Your needs and suggestions are our motivation to achieve the best results.

Our aim is to develop a close and long-lasting working relationship.

...INNOVATIVE PRODUCTS

Our Stricker Clamp System independently **fits to your everyday wheelchair** without the need for any permanent attachments or modifications. Our compact adaptive system provides a flexible and neat solution which **fits most models of wheelchair.**

The range covers active to recreational users. A choice of power assist or fully powered or for the keen cyclist a wide range of gearing ratios. There are lighter and smaller models for easy transportation and storage. Also a wide range of accessories for every occasion including USB options and carrying devices.

...SAFETY

Your safety and security are our greatest concerns!

All our devices are CE-certified.

The Lipo Lomo Models meet the requirements of **EN12184**.

Modifications and literal mistakes reserved. Illustrations may include special equipment.

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Since then we have continued to develop and expanded our range.

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MODEL SERIES LIPO LOMO PICO











✓= standard	⊠= not possible	Pico	Pico Tetra
Weight in kg	with battery and adapter	14,5	14,5
Transport weight in kg	without battery and without adapter	9,5	9,5
Speed	350W	✓	✓
	6 km/h (350W)	0	0
	15 km/h (350W)	✓	✓
Lithium ion battery 36V	8,3 Ah 300W, 1,9kg	✓	✓
Charger 36V 1.4A	5h charging time	✓	✓
Disc brake	2 brake levers & brakes	✓	✓
Rotary throttle	on the handlebar on the right	✓	✓
Display charge status, num	ber of charges, battery temperature, speed	✓	✓
LED lamp 36V		✓	✓
LED taillight	with battery	✓	✓
Add-on stand		✓	✓
Reverse gear		✓	✓

MODEL SERIES LIPO LOMO



LIPO LOMO MICRO 12"CE



LIPO LOMO 16"CE



LIPO LOMO 20"CE



LIPO LOMO TETRA T3°E



√ = standard	ot possible	Lipo Lomo 12"	Lipo Lomo 16"	Lipo Lomo 20"	Lipo Lomo Tetra T3
Wheel size	12"	✓	X	X	0
	16"	X	✓	X	✓
	20"	X	X	✓	0
Weight in kg	without battery and weight plates	12	14	15,5	13-17,5
Weights at the fork 11 kg		0	0	•	✓
Speed and motor	250 W:	✓	✓	X	depending on the basic model
	6 km/h (250W)	0	X	X	depending on the basic model
	15 km/h (250W)	✓	✓	X	depending on the basic model
	350 W:	X	0	✓	depending on the basic model
	6 km/h (350W)	X	0	0	depending on the basic model
	15 km/h (250W)	X	0	✓	depending on the basic model
Li-Ion battery 36V	1 battery on top (14Ah 504W 2,5kg o. 8,3Ah 300W 2,0kg)	8,3	14	14	14
	2 batteries right/left at the fork	0	0	•	•
	V-brake with locking device at the frame	0	0	0	O
	V-brake at the handlebar	✓	✓	✓	✓
	Disk brake with locking device	✓	✓	✓	X
	Disk brake hydraulic	0	O	0	✓
Reverse gear		0	0	0	0

MODEL SERIES CROSSBIKE

...Freedom is the future

The Crossbike redefines freedom and efficient movement in a whole new way. With our special equipment options no wishes remain open. Luggage racks, baskets, panniers and Klickfix holders make shopping particularly practical, while specially developed tetra equipment takes into account the special requirements of quadriplegics. With the Crossbike, we pursue the mission that it is on the one hand suitable for everyday use, but also that you can travel safely and comfortable on every meter of the journey.











Dual batteries (optional)



Waldkilo luggage rack (optional)



Tetra equipment T3 (optional)



Possible tire configuration:



1: Motorcross (wide)

2: Offroad (wide)

3: Street (wide)

4: Offroad (narrow)

5: Street (narrow)

√ = standard	√= standard ○= optional ⊠= not possible			
Wheel size	16"	✓		
Weight in kg	with battery and weights	30		
Transport weight in kg	without battery and weights	20		
Speed and motor	1500 W	✓		
	6 km/h (1500 W)	✓		
	15 km/h (1500 W)	0		
	25 km/h (1500 W)	✓		
	2000 W	0		
	6 km/h (2000 W)	0		
	15 km/h (2000 W)	0		
	25 km/h (2000 W)	0		
Lithium ion battery 48V	13 Ah, 624 Wh, 4 kg	✓		
Range	13 Ah battery: 40 km (on the flat level)	✓		
	17 Ah battery: 50 km (on the flat level)	0		
Double battery	to extend the range	0		
Charger 48 V 2 A	6.5 h charging time	✓		
Disc brake	double disc brake on both sides, engine brake	✓		
Rotary throttle	on the handlebar on the right	✓		
High-resolution color display, spee	d, battery capacity	✓		
LED front light	48V with integrated horn	✓		
LED taillight	with battery	✓		
Reverse gear	reverse gear and energy recovery	✓		

MODEL SERIES LOMO & LOMO 360









✓= standard	∕ = standard		Lomo 360 12"
Wheel size	eel size 12"		✓
	16"	✓	X
Wheel 360° turnable		✓	✓
Weight in kg		5	5
Brake	V-brake as parking brake	X	X
	Disc brake in addition to V-brake	X	X
	Disc brake for 360° rotation	0	O
Attachment stand		0	0

MODEL SERIES CITY







...THE WELL-PROVEN ALLROUND BIKE

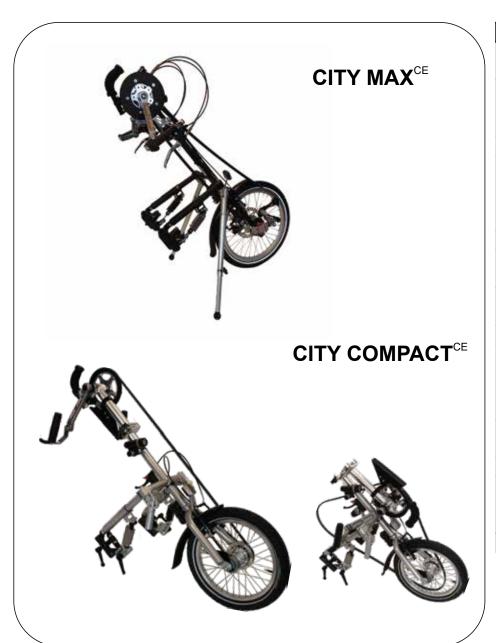
The manual City-Handbike is the perfect solution for your everyday life. On your way to work, to school or in road traffic - the bike provides the necessary comfort.

With the City Compact nothing gets in the way of your next trip: The manual City hand-bikeis the perfect solution for your everyday life. It folds quickly and easily to a small compact size for easy transportation.



√= standard	⊠= not possible	CITY 7	CITY 8	CITY 11
Drive type	Chain	✓	✓	✓
	Toothbelt	0	0	X
Wheel size	16"	X	X	X
	20"	✓	✓	✓
	24"	0	0	0
Weight in kg		12	12	12
Brake	Back-pedalling brake	✓	✓	0
	V-brake with locking device	✓	✓	✓
	Disk brake	X	X	✓
Reverse gear		0	0	X
Number of gears	standard	7	8	11
	optional (with mountain drive gear)	14	16	22
Position of gearshift and brake lever	Gearshift at middlehandle, brake lever at frame	✓	✓	X
	at Ergohandle (optional right/left)	O	0	✓
Mountain drive gear	reduction 2,5:1	•	0	0
Chain ring	38/28	X	X	X
on top/bottom	38/19	X	X	✓
	38/24	✓	✓	X
	44/32/14 - 19 bottom	X	X	0
	44/19 (with mountain drive gear)	0	0	0
Tooth disk on top/bottom	69/33	•	0	X
Tooth disk bottom	40	0	0	X
Cranks	Stricker slim	✓	✓	0
	Bullhorn	0	0	✓
	Stricker short	0	0	0

MODEL SERIES CITY



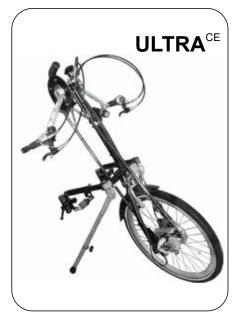
√= standard	possible	CITY MAX	CITY CC
Drive type	Chain	✓	X
	Toothbelt	X	✓
Wheel size	16"	X	✓
	20"	✓	X
	24"	O	X
Weight in kg		15	13
Brake	Back-pedalling brake	O	✓
	V-brake with locking device	√	✓
	Disk brake	✓	X
Reverse gear		X	0
Number of gears	standard	24	5
	optional	X	8/16
Position of gearshift and brake	Gearshift at the middlehandle, brake lever at the frame	X	✓
lever	at Ergohandle (optional right/left)	✓	0
Mountain drive gear	reduction 2,5:1	0	0
Chainring on top/bottom	38/28	X	X
	38/19	X	X
	38/24	X	X
	44/32/14 - 19 bottom	✓	X
Tooth disk on top/bottom	69/40	X	✓
	69/33 (with mountain drive)	X	O
Tooth disk bottom	33	X	O
Cranks	Stricker slim	0	✓
	Bullhorn	✓	O
	Stricker short	0	0
Add-on stand		✓	0

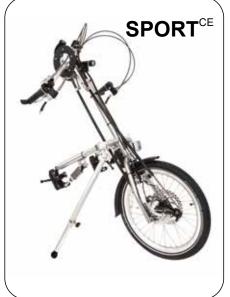


√= standard	ot possible	CITY JU	CITY KID
Drive type	Chain	✓	✓
	Toothbelt	0	X
Wheel size	16"	X	✓
	20"	✓	X
	24"	X	X
Weight in kg		11,5	10
Brake	Back-pedalling brake	✓	✓
	V-brake with locking device	√	✓
	Disk brake	X	X
Reverse gear	only possible with 8-gear	0	0
Number of gears	standard	7	5
	optional	14	8/16
Position of gearshift and brake lever	gearshift at the middlehandle, brake lever at the frame	✓	gearshift & brake lever at the frame
16761	at Ergohandle (optional right/left)	0	0
Mountain drive gear	reduction 2,5:1	0	•
Chain ring on top/bottom	38/28	X	✓
	38/19	X	X
	38/24	✓	X
	44/32/14 - 19 unten	X	X
	44/19 (with mountain drive)	0	0
Tooth disk on top/bottom	69/33	0	X
Tooth disk bottom	40	0	X
Cranks	Stricker slim	0	0
	Bullhorn	0	•
	Stricker short	✓	✓
	Further technical data can be found on our		

MODEL SERIES ULTRA & SPORT







√= standard	t possible	SPORT 20"	SPORT 24"	SPORT 26"	ULTRA 20"	ULTRA 24"	ULTRA 26"
Drive type	Chain	✓	✓	✓	✓	✓	✓
	Toothbelt	X	X	X	X	X	X
Wheel size	20"	✓	X	X	✓	X	X
	24"	X	✓	•	X	✓	X
	26"	X	•	✓	X	•	✓
Weight in kg		12,5	13,5	13,8	12	12,5	13
Brake	Back-pedalling brake	•	•	•	•	•	•
	V-brake with locking device	✓	✓	✓	√	✓	√
	Disk brake	✓	✓	✓	✓	✓	✓
Reverse gear		X	X	X	X	X	X
Number of gears	standard	72	72	72	24	24	24
	optional (with mountain drive gear)	48	48	48	16	16	16
Position of gearshift and brake	at Ergohandle right/left	✓	✓	✓	✓	✓	✓
lever	at the frame	0	•	•	0	0	0
Mountain drive gear	reduction 2,5:1	•	•	•	•	•	0
Chain ring on top/bottom	38/28/14 - 11/33 bottom	✓	✓	✓	✓	✓	✓
Tooth disk on top/bottom	69/33	X	X	X	X	X	X
Cranks	Stricker slim	•	0	•	0	0	0
	Bullhorn	✓	✓	✓	✓	✓	✓
	Stricker short	•	•	•	•	•	•

MODEL SERIES NEODRIVES

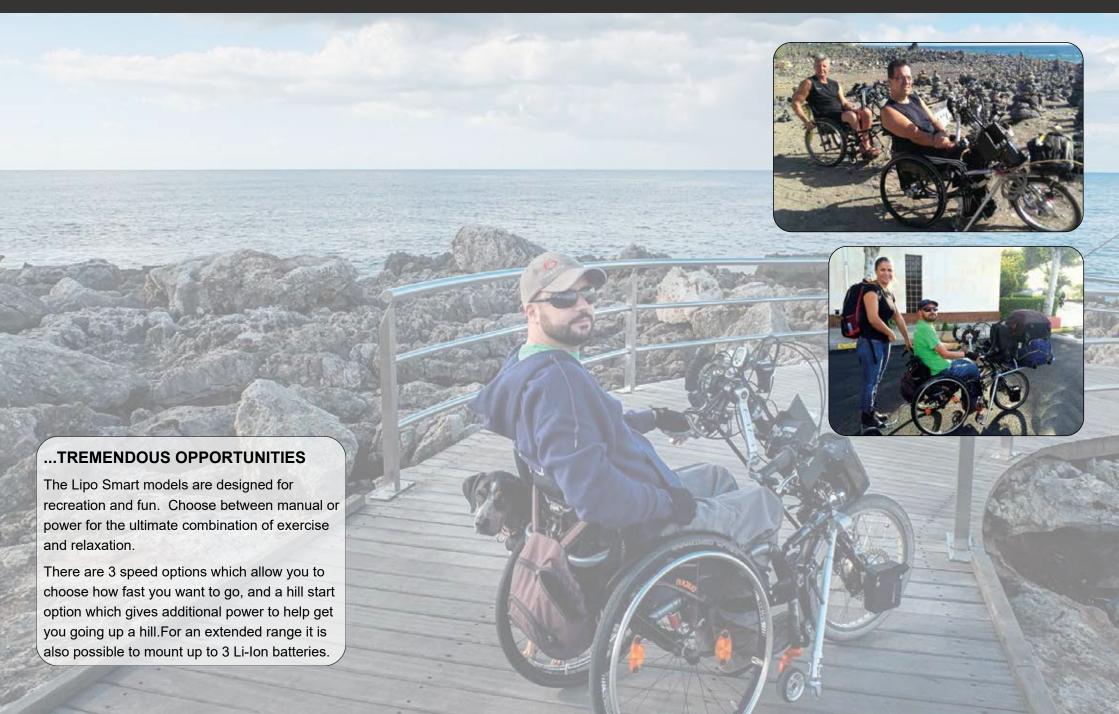






√= standard	ot possible	Neodrives 20"	Neodrives 24"	Tetra-equipment
Drive type	Chain	✓	✓	✓
	Toothbelt	X	X	X
Wheel size	20"	✓	X	✓
	24"	X	✓	0
	26"	X	•	X
Weight in kg	without battery and weight plates	19	18,5	20,5 (20")/20 (24")
	1 battery = 3,1 kg			
Speed and motor	Motor power	250 Watt	250 Watt	250 Watt
	Speed	25 km/h	25 km/h	25 km/h
	Operating voltage	36 V	36 V	36 V
Starting aid	forward: 6-10 km/h reverse: 2 km/h	✓	✓	✓
Li-Ion battery	14,5 Ah	✓	✓	✓
Brake	Back-pedalling brake	•	•	✓
	V-brake with locking device at the frame	0	0	✓
	V- brake	✓	√	✓
	Disk brake with locking device	✓	✓	X
Reverse gear		✓	✓	✓
Number of gears	standard	24	24	16
	optional (with mountain drive gear)	16	16	upon request
Position of gearshift and brake lever	gearshift at the middlehandle, brake lever at the frame	0	O	0
	gearshift & brake lever at the Ergohandle	✓	✓	0
Mountain drive gear	reduction 2,5:1	•	•	✓
Chain ring on top/bottom	44/32/14 - 11-32 bottom	✓	✓	0
	44/11-32 (only 1 chain ring on top)	0	•	0
	44/11-32 (with mountain drive gear)	•	•	✓
Cranks	Stricker slim	O	0	0
	Bullhorn	✓	✓	✓
	Stricker short	O	O	0
			i .	ı

MODEL SERIES LIPO SMART







LIPO SMART PARA 20/24"CE



LIPO SMART TETRA"CE



MODEL SERIES LIPO SMART

✓= standard	ot possible	LipoSmart Para 16"	Lipo Smart Para 20"	Lipo Smart Para 24"	Youth equipment
Drive type	Chain	✓	✓	✓	✓
	Toothbelt	X	X	X	X
Wheel size	16"	✓	X	X	0
	20"	X	✓	X	0
	24"	X	X	✓	X
	26"	X	X	O	X
Weight in kg	without battery and weight plates	16,5	18,5	19	varies depending on wheel size
Speed and motor	Motor power	250 Watt	250 Watt	250 Watt	250 Watt
	Speed	23 km/h	25 km/h	25 km/h	upon request
	Operating voltage	36 V	36 V	36 V	36 V
Starting aid	forward: 6 - 15 km/h	✓	✓	✓	✓
Li-Ion battery	1 battery on top	✓	✓	✓	✓
	2 batteries right/left at the fork	0	0	0	0
	3 batteries: 1 on top, 2 right/left at the fork	0	0	0	0
Brake	Back-pedalling brake	0	O	0	0
	V-brake with locking device at the frame	0	0	0	0
	V- brake	✓	✓	✓	✓
	Disk brake with locking device	✓	✓	✓	✓
Reverse gear		X	X	X	X
Number of gears	standard	8	8	8	8
	optional (mountain drive gear/triple chain ring)	16/24	16/24	16/24	16/24
Position of gearshift and brake lever	gearshift at the middlehandle	0	0	•	•
	gearshift and brake lever at the Ergohandle	✓	✓	✓	✓
Mountain drive gear	reduction 2,5:1	0	0	0	0
Chainring on top/bottom	44 + 11-32	✓	✓	✓	✓
	44/32/14 + 11-32	0	0	0	0
Cranks	Stricker slim	0	0	0	•
	Bullhorn	✓	✓	✓	0
	Stricker short	0	0	0	✓
Chain guard		O	0	0	O

TETRA-STANDARDS:



ERGONOMIC CONTROL UNIT WITH CHIN SHIFT



TETRA SPECIAL HANDLES COVERED
WITH SYNTHETIC LEATHER
(optionally also with real leather)



WEIGHT PLATES ON THE FORK FOR BETTER TRACTION

✓= standard	I ⊠= not possible	LipoSmart Tetra 16"	LipoSmart Tetra 20"	LipoSmart Tetra 2
Drive type	Chain	✓	✓	✓
	Toothbelt	X	X	X
Wheel size	16"	✓	X	X
	20"	X	✓	X
	24"	X	X	✓
	26"	X	X	•
Weight in kg	without battery and weight plates	17,5	19,5	20,5
Weights at the fork 11 kg	1 battery 11,6 AH = 2,5 kg	✓	✓	✓
Speed and motor	Motor power	250 Watt	250 Watt	250 Watt
	Speed	23 km/h	25 km/h	25 km/h
	Operating voltage	36 V	36 V	36 V
Starting aid	forward 6 km/h	✓	✓	✓
Li-lon battery	1 battery on top	✓	✓	✓
	2 batteries right/left at the fork	O	O	0
	3 batteries on top, 2 right/left at the fork	O	0	0
Brake	Back-pedalling brake	✓	✓	✓
	V-brake with locking device at the frame	✓	✓	✓
	V- brake	√	✓	✓
	Disk brake with locking device	X	X	X
Reverse gear		X	X	X
Number of gears	standard	16	16	16
Position of gearshift and brake lever	gearshift at the middlehandle for chin shifting	✓	✓	✓
	gearshift and brake lever at the Ergohandle	O	0	O
Mountain drive gear	reduction 2,5:1	✓	✓	✓
Chainring on top/bottom	44 + 11-32	✓	✓	✓
	44/32/14 + 11-32	X	×	X
Cranks	Stricker slim	0	0	O
	Bullhorn	✓	✓	✓
	Stricker short	O	O	0

MODEL SERIES SMART WILD

...More action. Even more adventure.

The Smart Wild is a hybrid of a special kind. It not only combines the advantages of a manual handbike with a power assist device, but also provides those unique moments that make life worth living. With the Smart Wild, you experience incomparable off-road mobility and, thanks to the powerful engine, very good hill climbing. Comfort and safety go hand in hand. Downhill riding is just as little a problem due to the high braking effect as off-road riding on unsolid gravel and field paths. Look forward to adventures that never seem to end. The Smart Wild will certainly bring more life into your days.













BULLHORN CRANK:



WALDKILO LUGGAGE RACK:



✓= standard ○= optional ⊠= no	ot possible	Smart Wild
Total weight in kg	with battery and weights	35
Transport weight in kg	without battery and weights	26
Speed and motors	1500W	✓
	6 km/h (1500 W)	0
	15 km/h (1500 W)	✓
Lithium ion battery 48 V	13 Ah 624 Wh, 4 kg	✓
Range	13 Ah battery: 50 km (on the flat level)	✓
	17 Ah battery: 65 km (on the flat level)	O
Charger 48 V 2 A	6,5 h charging time	✓
Disc brake	2 Brake calipers on a disc brake, engine brake	✓
Thumb throttle	up to 15 km/h, with crank movement 25 km/h	✓
High-resolution color display, spe	ed, battery capacity	✓
LED lamp 48 V	with integrated horn	✓
LED taillight	with battery	✓
Cranks	Bullhorn cranks	✓

MODEL SERIES LUPO





Tetra equipment with coaster brake possible!

Drive type Chain Wheel size 2 x 20" rear wheel 1 x 26" front wheel ✓ Weight in kg manual equipment 18 Speed and motor 25 km/h Lipo model ○ 25 km/h Neodrives model ○
1 x 26" front wheel ✓ Weight in kg manual equipment 18 Speed and motor 25 km/h Lipo model ○
Weight in kg manual equipment 18 Speed and motor 25 km/h Lipo model 0
Speed and motor 25 km/h Lipo model 0
· · · · · · · · · · · · · · · · · · ·
25 km/h Neodrives model
higher speeds upon requ
Brake Back-pedalling brake O
V-brake with locking device ✓
Disk brake ✓
2 Disk brakes at the rear wheels with brake lever at the frame
Reverse gear only with Neodrives drive system
Number of gears standard 27
optional (with mountain drive gear!) 18
Position of gearshift and brake at the Ergohandle right/left ✓
lever at the frame (rear wheel brake)
Mountain drive gear reduction 2,5:1
Chainring on top/bottom 44/32/14 - 11/32 bottom ✓
Cranks Stricker slim O
Bullhorn ✓
Stricker short O





...ERGONOMIC

- Ergonomic neck support
- Slidable seat (no tool necessary)
- Backrest angle adjustable and foldable



...HANDY

- Can be dismantled into 2 parts
- Easy to transport
- Fast assembly



ACCESSORIES

TRANSPORTER^{CE}







...USE

- To transport the accompanying person or items (pay attention to the safety data sheet)
- Suitable for folding or rigid frame wheelchairs
- Speed max. 6 km/h
- max. 100 kg
- do not use on wet surfaces (reduced brake reaction)
- Only usable in combination with a handbike or another attachement with brake (not for wheelchairs only)



Here with special equipment wheel cover



RÖMER^{CE}

Attachment and use to the wheelchair work like the Transporter^{CE}. Please find all information there.











KLICKFIXADAPTER







Lipo Smart



Neodrives

DIFFERENT DESIGNS DEPENDING ON THE MODEL AND EQUIPMENT

KLICKFIX-ACCESSORIES





KLICKFIX BASKET 18 L / 9 L

KLICKFIX POCKET 8 L /5 L



Standard luggage rack

LUGGAGE RACK & OTHER



Luggage carrier Waldkilo



Luggage carrier Waldkilo with heavy duty bracket

USB-ACCESSORIES SPECIAL VERSIONS AVAILABLE, e.g. RADIO REMOTE CONTROL



Universal smartphone holder with USB charging option on the bike



36 V work light



Voltage converter DC 36 V to AC 230 V



LIPO USB connection Housing for battery for charging all common USB devices

THE STRICKER- SYSTEM



(3)

EASY ADAPTION WITH STRICKER-CLAMP-SYSTEM

- NO permanent attachments or modifications needed to the wheelchair
- NO added weight to the wheelchair
- Very fast adaption
- · Adjustable to nearly any wheelchair
- · More stability and security because of the double clamp system
- Easy to adjust in the future when you change your wheelchair.

KICK STAND

- Standard: with curved tube ①
- Optional: with wheels 360° turnable 2
- Optional: with straight wheels ③
- Optional: with quick adaption and ball 4)

CRANKS

- Bullhorn 1
- Stricker slim (2)
- Stricker short ③





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