# 61+30 = 6130

# STRICKER



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### **ENGLISH VERSION**

www.stricker-handbikes.de facebook.com/stricker-handbikes

### AT A GLANCE

#### ...ABOUT US

**Since 1989** we develop and produce Handbikes and equipment for wheelchairs.

The company, which was founded by Reiner and Edgar Stricker, was the first provider of Handbikes in Europe. As the oldest Handbike manufacturer in Europe, we have a vast experience and can build ans adjust your handbike perfectly to your wheelchair and your requirements.

This long lasting experience and the high quality of our products has lead us to an **international operating company** with distributors in more than 30 countries all over the world.

For any sort of matter our professional team will be pleased to answer any question.

#### ...SAFETY

Your safety and security are our greatest concerns!

All our devices are CE-certified.

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

#### ...SERVICE

If you wish to test a handbike, you can contact our dealer in your country. 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 qualified staff will take care of all your requests and orders. We are available for personal conferences at any time.

Your needs and suggestions are our motivation to achieve the best results.

Our aim is to develop a close and longlasting working relationship!

#### ...INNOVATIVE PRODUCTS

Our adaptive system provides a compact solution with a wide range of variants. Thanks to the Stricker-Clamp-System you can adjust the Handbike quickly and easy to nearly any wheelchair type without needing an additional adapter. We offer a big range of diverse and customized bikes, depending on your individual requirements. Whether you wish to rely on your muscle force, switch on an electric assistance or use a purely electric power unit - you can find a suitable model in our range of products!

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

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### **CITY MODELS**



### ...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: It is quickly foldable and can therefore be transported without any difficulty.

Numerous variants and options will make sure, that the Handbike will fulfill your individual requirements.

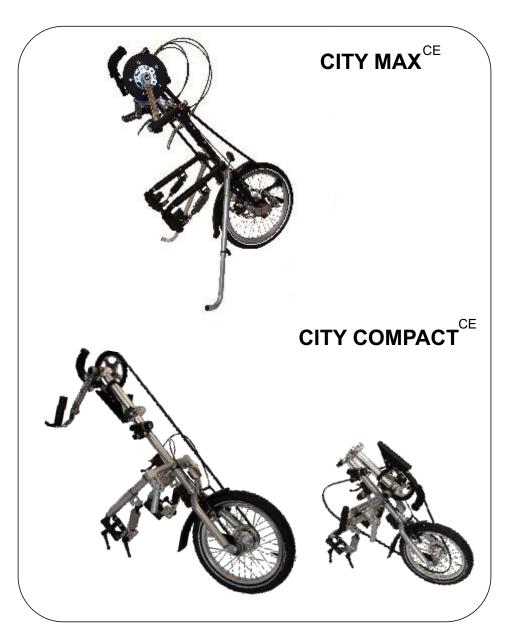






√= standard	⊠= not possible	CITY 7	CITY 8	CITY 11
Drive type	Chain	✓	✓	✓
	Toothbelt	0	0	X
Wheel size	16"	X	X	X
	20"	✓	✓	✓
	24"	0	0	<b>O</b>
Weight in kg		12	12	12
Brake	Back-pedalling brake	✓	✓	•
	V-brake with locking device	✓	✓	✓
	Disk brake	X	X	✓
Reverse gear		0	0	X
Number of gears	standard	7	8	11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

### **CITY MODELS**



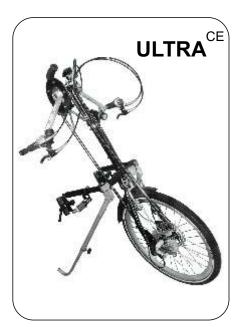
√= standard	ot possible	CITY MAX	CITY CC
Drive type	Chain	✓	X
	Toothbelt	X	✓
Wheel size	16"	X	✓
	20"	✓	X
	24"	0	X
Weight in kg		15	13
Brake	Back-pedalling brake	0	✓
	V-brake with locking device	<b>√</b>	✓
	Disk brake	<b>√</b>	×
Reverse gear		X	0
Number of gears	standard	24	5
	optional	X	8/16
Position 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	0
Tooth disk bottom	33	X	0
Cranks	Stricker slim	0	✓
	Bullhorn	✓	0
	Stricker short	0	0

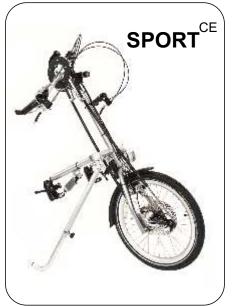


√= standard	ot possible	CITY JU	CITY KID
Drive type	Chain	✓	✓
	Toothbelt	•	X
Wheel size	16"	X	✓
	20"	✓	X
	24"	X	X
Weight in kg		11,5	10
Brake	Back-pedalling brake	✓	✓
	V-brake with locking device	<b>✓</b>	✓
	Disk brake	X	X
Reverse gear	only possible with 8-gear	•	•
Number of gears	standard	7	5
	optional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

### **ULTRA & SPORT MODELS**







✓= 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	0	✓
Weight in kg		12,5	13,5	13,8	12	12,5	13
Brake	Back-pedalling brake	•	•	•	0	0	0
	V-brake with locking device	<b>✓</b>	✓	<b>√</b>	✓	✓	✓
	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
Mountain drive gear	reduction 2,5:1	•	•	•	0	0	O
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	O
	Bullhorn	✓	✓	✓	✓	✓	✓
	Stricker short	O	O	O	•	O	O

### **NEODRIVES MODELS**

#### ...CLEVERLY SUPPORTED

The powerful drive system from Alber, made in Germany, accerlerates quickly from a standstill position. Uphill, the Neodrives impresses with an outstanding traction.

Next to the Downhill Assistant the gear can also be switched manually into the recuperation mode. That way, the engine brakes and regains energy and the operating distance will be extended. By using your own muscle power, you can adjust the torque individually.

Moreover, the Neodrives is the ideal model to switch from a manual bike to a bike with electric support.



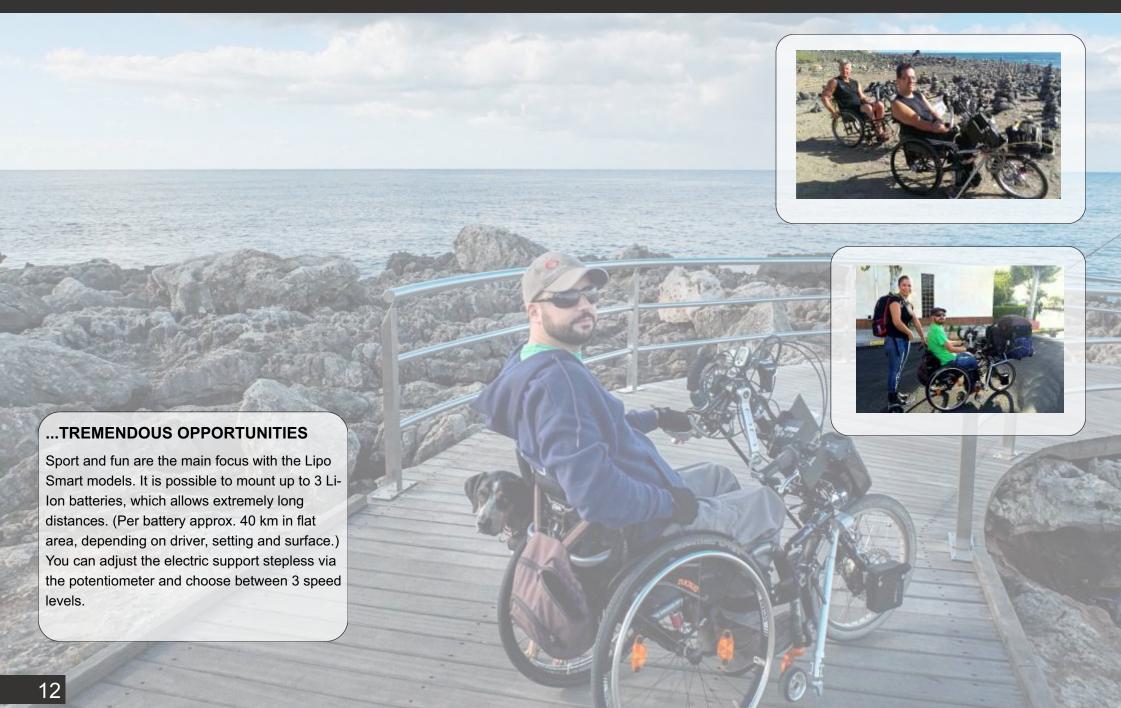






√= standard	ot possible	Neodrives 20"	Neodrives 24"	Tetra-equipment
Drive type	Chain	✓	✓	✓
	Toothbelt	X	X	X
Wheel size	20"	✓	X	✓
	24"	X	✓	O
	26"	X	•	X
Weight in kg	without battery and weight plates	19	18,5	20,5 (20")/20 (24")
	1 battery = 3,1 kg			
Speed and motor	Motor power	250 Watt	250 Watt	250 Watt
	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	0	•	✓
	V-brake with locking device at the frame	•	•	✓
	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	0	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	✓	✓	•
	44/11-32 (only 1 chain ring on top)	•	•	•
	44/11-32 (with mountain drive gear)	0	0	✓
Cranks	Stricker slim	0	O	0
	Bullhorn	✓	✓	✓
	Stricker short	0	O	0
			l	

### LIPO SMART MODELS



LIPO SMART PARA 16"CE







### LIPO SMART MODELS

✓= 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	0	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	O	0	0
	3 batteries: 1 on top, 2 right/left at the fork	0	O	0	0
Brake	Back-pedalling brake	0	0	0	0
	V-brake with locking device at the frame	0	<b>O</b>	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	•	0
	gearshift and brake lever at the Ergohandle	✓	✓	✓	✓
Mountain drive gear	reduction 2,5:1	0	0	0	•
Chainring on top/bottom	44 + 11-32	✓	✓	✓	✓
	44/32/14 + 11-32	0	0	0	0
Cranks	Stricker slim	0	0	O	0
	Bullhorn	✓	✓	✓	0
	Stricker short	0	0	0	✓
	1				L

#### **TETRA-STANDARDS:**



ERGONOMIC CONTROL UNIT WITH CHIN SHIFTING



TETRA SPECIAL HANDLES
COVERED WITH
ARTIFICIAL LEATHER
(optional with genuine leather)



WEIGHT PLATES
AT THE FORK
FOR A BETTER TRACTION

Drive type				LipoSmart Tetra 24"
	Chain	✓	✓	✓
	Toothbelt	X	X	X
Wheel size	16"	✓	X	X
	20"	X	✓	X
	24"	X	X	✓
	26"	X	X	0
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	✓	✓	✓
	1 battery on top	✓	✓	✓
	2 batteries right/left at the fork	O	0	0
	3 batteries on top, 2 right/left at the fork	0	0	<b>O</b>
I L	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	X
Cranks	Stricker slim	O	0	O
	Bullhorn	✓	✓	✓
	Stricker short	O	0	0

### **ELECTRODRIVE MODELS**

#### ...THE WELL-ESTABLISHED POWER UNIT

The ElectroDrive opens up unknown possibilities with the wheelchair. It is ideal for uneven roads or slopes. It reliefs the former assisting person and enables independent tours without escort.

The special feature of the bike is the motor brake, which brakes the device as soon as the driver stops accelerating. In doing so, the battery regains energy.

The disk brake provides additional security while riding downhill and is also operable for tetraplegic drivers.







## **ELECTRODRIVE**<sup>CE</sup> **TETRA WIG-WAG 16/20"**



✓= standard		ELD PARA 16"	ELD PARA 20"	ELD Tetra 16"	ELD Tetra 20"
Wheel size	16"	✓	X	✓	X
	20"	X	✓	X	✓
Weight in kg	without battery (1 battery pack 17/22 AH = 12,5 kg)	15,5	15,5	15,5	15,5
Speed and motor	250 Watt	✓	✓	✓	✓
	6 km/h	✓	✓	✓	✓
	12 km/h (Staßenverkehrszulassung erforderlich )	O	0	0	0
Lead-acid battery 24Volt	Battery right and left at the fork (17/22 AH)	✓	✓	✓	✓
	Battery right and left at the fork (12/15 AH)	O	0	0	0
Brake	V-brake with locking device at the frame	0	0	X	X
	V-brake with locking device	✓	✓	Scheiben- & V-Bremse als Feststellbremse	Scheiben- & V-Bremse als Feststellbremse
	Disk brake	✓	✓	✓	✓
Reverse gear		✓	✓	✓	✓

### LIPO LOMO MODELS



LIPO LOMO 12" CE



LIPO LOMO 16" CE







LIPO LOMO T1 CE **TETRA STANDARD** 



LIPO LOMO T2  $^{\text{CE}}$ **TETRA SEMI** 

√ = standard ○ = optional	⊠= not possible	LipoLomo 12"	LipoLomo 16"	LipoLomo 20"	LipoLomo T1 standard	LipoLomo T2 semi
Wheel size	12"	✓	X	X	<b>O</b>	0
	16"	X	✓	X	✓	✓
	20"	X	X	✓	<b>O</b>	•
Weight in kg	without battery and weight plates	12	14	15,5	13,5-18 kg	13-17,5 kg
Weights at the fork 11 kg	1 battery11,6 AH = 2,5 kg/ 8,3 AH = 2 kg	0	•	0	✓	✓
Speed and motor	250 W:	✓	✓	X	depending on basic model	depending on basic mode
	6 km/h	0	X	X	depending on basic model	depending on basic mode
	10 km/h	0	X	X	depending on basic model	depending on basic mode
	15 km/h	✓	✓	X	depending on basic model	depending on basic mode
	350 W:	X	•	✓	depending on basic model	depending on basic mode
	6 km/h	X	•	•	depending on basic model	depending on basic mode
	10 km/h	X	•	•	depending on basic model	depending on basic mode
	15 km/h	X	•	✓	depending on basic model	depending on basic mode
Li-lon battery 36V	1 battery on top	✓	✓	✓	✓	✓
	2 batteries right/left at the fork	0	•	•	<b>O</b>	•
	V-brake with locking device at the frame	0	•	•	<b>O</b>	•
	V-brake at the handlebar	✓	✓	✓	✓	✓
	Disk brake with locking device	✓	✓	✓	X	X
	Disk brake hydraulic	O	O	•	✓	✓
Reverse gear		0	•	•	0	•

### SAIDER PLUS MODELS









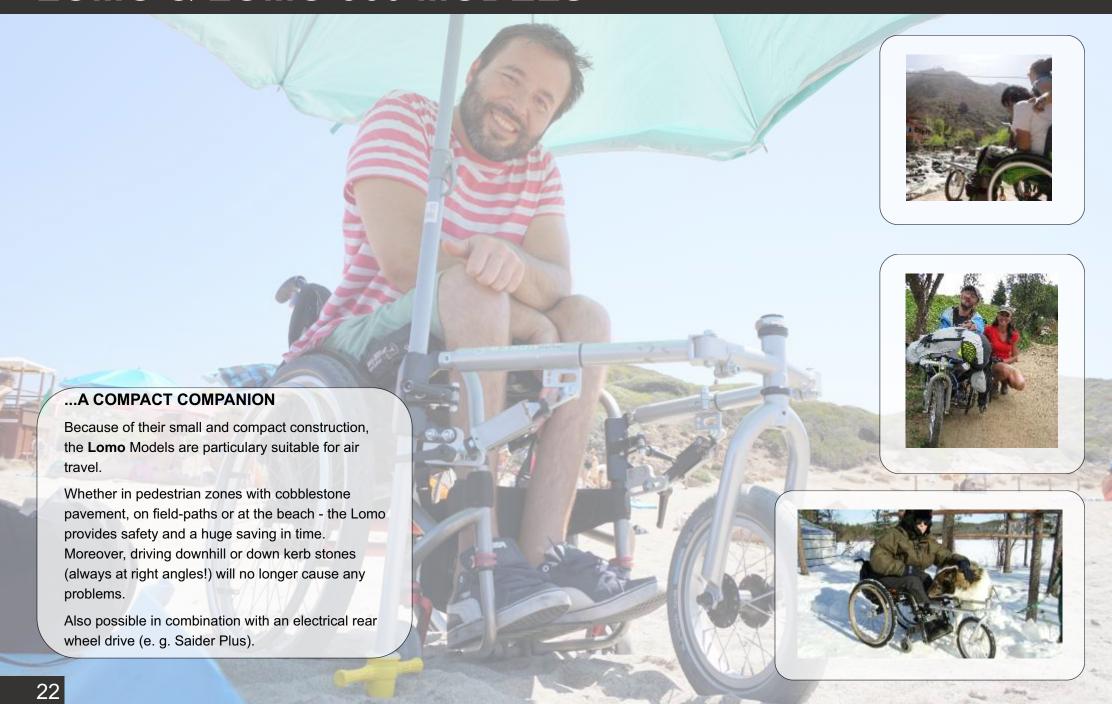
✓= standard	е	Saider Plus
Wheel size	12"	✓
Weight in kg	without battery	7
	1 battery 11,6 AH = 2,5 kg/ 8,3 AH = 2 kg	•
Speed and motor	250 W:	✓
	6 km/h	✓
	15 km/h	•
Li-Ion battery 36 Volt	1 battery 8,3 AH	✓

Further technical data can be found on our website nwww.stricker-handbikes.de

### ... EQUIPMENT

- Clamp to fix the throttle at a Lipo Lomo or Handbike
- Battery and control box removable
- Optional with wireless remote control (e. g. for assisting person)
- including Klickfix adapter and basket to transport a backpack or bag for more weight and better traction

### LOMO & LOMO 360 MODELS











✓= standard O= optional 区= not possible		Lomo	Lomo 360 16"	Lomo 360 12"
Wheel size	12"	X	X	✓
	16"	✓	✓	X
Wheel 360° turnable		X	✓	✓
Weight in kg		7	5	5
Brake	V-brake with locking device	✓	X	X
	Disk brake additional to V-brake	0	X	X
	Disk brake for 360°-rotation	X	O	O

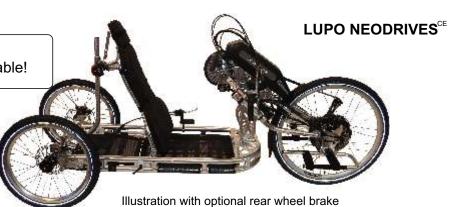
### **LUPO MODELS**





Tetra-euqipment with back-pedalling brake available!

✓= standard	LUPO	
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	0
	25 km/h Neodrives model	•
	higher speeds	upon request
Brake	Back-pedalling brake	•
	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)	0
Mountain drive gear	reduction 2,5:1	0
Chainring on top/bottom	44/32/14 - 11/32 bottom	✓
Cranks	Stricker slim	<b>O</b>
	Bullhorn	✓
	Stricker short	O





#### ...ERGONOMIC

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



#### ...HANDY

- Demountable in 2 parts
- Easy to transport
- Fast assembly



## PUMA & JAGUAR MODELS











√= standard		JAGUAR P	JAGUAR HP	PUMA
Drive type	Chain	✓	✓	✓
Wheel size	2 x 20" rear wheel	✓	✓	✓
	1 x 16" front wheel	✓	✓	✓
Weight in kg		upon request	upon request	upon request
Weight andm motor	25 km/h Lipo motor	✓	✓	✓
	Back-pedalling brake	•	X	0
	Disk brake front and rear	✓	✓	✓
Number of gears	standard	0	•	0
	optional (with mountain drive gear)	16	X	16
Position of gearshift and brake lever	at the handle bar/Ergohandle right/left	✓	✓	✓
Mountain drive gear	reduction 2,5:1	0	X	0
Chain ring on top/bottom	38/28/14 - 19 bottom	✓	✓	✓
Cranks	Stricker slim	X	•	•
	Bullhorn	X	✓	✓
	Stricker short	X	•	0
	Foot pedals	✓	✓	X
Drive at the right rear wheel		✓	✓	✓
Axle lock	both rear wheels are connected	•	•	0

PUMA





OPTIONAL WITH BEACH WHEELS



OPTIONAL WITH DIFFERENT MOTOR VERSIONS

## **ACCESSORIES**



### **TRANSPORTER**<sup>CE</sup>







#### ...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)





#### **KLICKFIX ADAPTER & ACCESSORIES**





**DIFFERENT VERSIONS DEPENDING ON MODEL & EQUIPMENT** 



KLICKFIX BASKET 18L / 9L



KLICKFIX BAG 8L / 5L



**VARIORACK** 

#### **CARRIER & MISCELLANEOUS**



**CARRIER STANDARD** 



**CARRIER WALDKILO** 



**REAR VIEW MIRROR** 



**COMPRESSOR** 

### USB-ACCESSORIES Special parts available e. g. wireless remote control



UNIVERSAL SMARTPHONE BRACKET
TO CHARGE THE PHONE VIA THE BIKE BATTERY



CONTROL BOX WITH INTEGRATED USB-PORT



LIPO-USB-CONNECTION-HOUSING FOR THE BATTERY
TO CHARGE ALL COMMON USB-DEVICES

Further accessories can be found in our accessory brochure or on our website 🍙 www.stricker-handbikes.de

### THE STRICKER- SYSTEM



#### EASY ADAPTION WITH STRICKER-CLAMP-SYSTEM

- NO remaining adapter at the wheelchair necessary
- NO additional weight at the wheelchair
- Very fast adaption
- · Adjustable to nearly any wheelchair type
- MORE stability and security because of the double-clamp-system
- · Easy to adjust again, if you receive a new wheelchair

#### **KICK STAND**

- Standard: with curved tube (1)
- Optional: with wheels 360° turnable (2)
- Optional: with straight wheels (3)

#### **CRANKS**

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

# STRICKER

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

www.stricker-handbikes.de

facebook.com/stricker-handbikes

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You can find a list of all the international distributors on our website www.stricker-handbikes.de

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