92 # mats.

☐ **Order**
☐ **Cost estimate**

Invoice address:

Customer No.: _____
Orderer: _____
Date: _____
Signature: _____

Dispatch address: ☐ See invoice address

Commission:

The recumbent tricycle that grows with you.

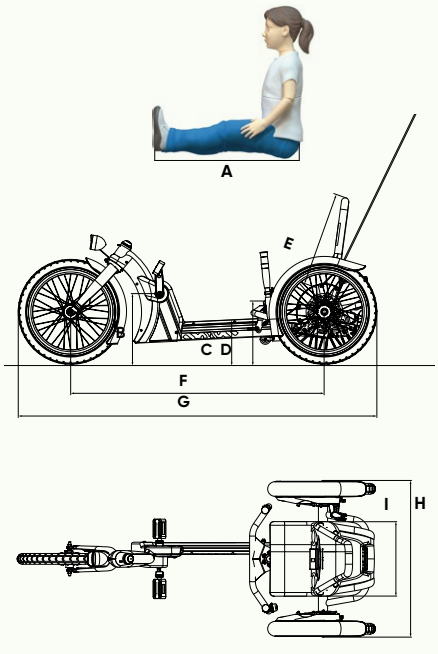
- Asymmetrical frame geometry for simplified transfer
- Depth-, angle- and height-adjustable seat, with integrated side guide and angle-adjustable backrest
- Adjustable wheelbase
- 2-point pelvic harness
- Aluminium frame with extra-low step-through
- Disc brakes
- Brake levers with adjustable reach
- Integrated parking brake
- Lighting system according to StVZO incl. parking lights and reflectors
- Hub dynamo in the front wheel
- Standard pedals
- 3-way adjustable pedal crank
- 20" wheels
- Grip protection inside on the rear wheels
- Detachable pennant
- Bell and Rain cape

HMV-No.: 22.51.02.0063

Basic model	
mats.	
	Price
☐ **34 01 100**	3.958 €

Dimensions - Basic model

		mats.
	Body height	110 – 175 cm
A	Seat bone length	ca. 65 – ca. 110 cm
	Inside leg length	46 – 83 cm
B	Bottom bracket height	32,5 cm
C	Step-in height	20 cm
D	Seat height	32 – 42 cm
	Seat angle	0 – 20 °
	Seat depth	26 cm
E	Length of the backrest	50 cm
F	Wheelbase	115 – 142 cm
	Track width	69 cm
G	Total length	165 – 192 cm
H	Total width	76 cm
	Total height	65 – 88 cm
I	Max. Seat width for narrow seat	37 cm
I	Max. Seat width for wide seat	46 cm
	Turning circle	243 – 395 cm
	Empty weight	29 kg
	Max. Load	75 kg



Frame colours

Colour choice

		Price
☐ Turquoise blue	**(92 00 016)**	incl.
☐ Pure white	**(92 00 100)**	incl.
☐ Pure orange	**(92 00 018)**	incl.

Coating with a desired colour (after consultation) Please specify the desired colour here:

RAL _____

In this case, the delivery time will be extended by **2 weeks**.

	Upcharge
☐ **34 00 090**	348 €

Steering option

Lower steering – Depth, height and angle adjustable

	Price / piece
☐ **34 01 103**	incl.

Accessories

Grip balls for lower steering

	Price / pair
☐ **34 00 007**	132 €

Seat

Narrow seat – with anatomical support

Seat width	Back width (A)
37 cm	37 cm

	Price / piece
☐ **34 01 019**	incl.

Wide seat

Seat width	Back width (A)
46 cm	46 cm

	Upcharge / piece
☐ **34 02 019**	329 €

Seat inlay – the seat width is reduced by 6 cm

		Price / piece
☐ for narrow seat	**(34 01 017)**	164 €
☐ for wide seat	**(34 02 017)**	164 €

Seat

Seat mounted at the front - (recommended for users with a height of 110 - 130 cm)

	Price / piece
☐ **34 01 033**	incl.

Seat mounted at the rear – (standard configuration, if nothing else stated)

	Price / piece
☐ **34 01 034**	incl.

Configuration possibilities - drive

Art.-No.	Drive **(NOTE: Not convertible!)**	Upcharge / piece
☐ **34 00 010**	Rigid sprocket (standard configuration, if nothing else stated)	incl.
☐ **34 02 110**	2-fold changeover (rigid sprocket/ idle)	401 €
☐ **34 03 110**	3-fold changeover (rigid sprocket/ idle/8-gears) with reverse option incl. differential	802 €
☐ **34 01 010**	8-gears-freewheel brake hub with reverse option incl. differential	627 €

Brake

Mechanical brake	**Hydraulic brake** (with mechanical front parking brake)
Price / piece	Upcharge / piece
☐ **34 01 004** incl.	☐ **34 01 005** 350 €

Accessories

Bag – removable

Price / piece	
☐ **34 01 020**	101 €

Spoke guard

Price / set	
☐ **34 01 018**	80 €

Trailerfunktion (not possible with a rigid drive)

Towing weight: max. 120 kg

Price / set	
☐ **34 01 021**	370 €

Accessories

Headrest – height, depth & angle adjustable

Price / piece	
☐ **34 01 015**	236 €

Lateral pads – height & width adjustable

	inner width
Narrow seat	30 - 37 cm
Wide seat	34 - 40 cm

Price / set	
☐ **34 01 016**	247 €

Hand positioner – for all handlebars

	Front width
Size 0	8,5 cm
Size 1	10 cm
Size 2	12 cm
Size 3	14 cm

Price / pair	
☐ Size 0 **(37 00 057)**	156 €
☐ Size 1 **(37 01 057)**	156 €
☐ Size 2 **(37 02 057)**	156 €
☐ Size 3 **(37 03 057)**	156 €

Accessories

Push bar – height-adjustable and removable, with integrated anti-twist protection

Price / piece	
☐ **34 00 035**	199 €

Parking brake for attendant (can only be used in conjunction with push bar)

Price / piece	
☐ **34 00 037**	133 €

Steering for attendant – by cable pull including push bar

Price / piece	
☐ **34 00 036**	585 €

Pedals

Standard pedals

Width
10 cm

Price / pair	
☐ **34 01 006**	incl.

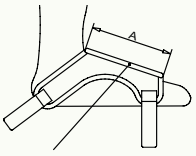
Foot positioning pedals – with racing hooks, balance weights and heel strap

Depth
13 cm

Upcharge / pair	
☐ **34 00 012**	102 €

Ergotec pedals – with foot positioning

	A	**Pedal width**
Size 1	6,5 cm	9 cm
Size 2	8 cm	9 cm



Velcro strip to open

Upcharge / pair	
☐ Size 1 **(34 01 022)**	191 €
☐ Size 2 **(34 02 022)**	191 €

Foot cups

Foot cups – width adjustable, with fixing straps & with magnetic lock

	min. front width	**max. front width**	**min. rear width**	**max. rear width**	**Length**
Size 1	8,7 cm	10,4 cm	5,7 cm	7,4 cm	17,4 cm
Size 2	9,5 cm	12 cm	6,7 cm	9,2 cm	20,1 cm
Size 3	11,5 cm	14 cm	8,1 cm	10,6 cm	23,8 cm

Price / pair	
☐ Size 1 **(34 01 011)**	238 €
☐ Size 2 **(34 02 011)**	238 €
☐ Size 3 **(34 03 011)**	238 €

Foot cups with leg guidance

Foot cups with leg guidance – width adjustable and with fixing straps & with magnetic lock

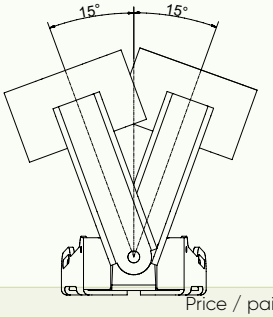
	Min. front width	Max. front width	Min. rear width	Max. rear width	Length	Min. leg guide height	Max. leg guide height
Size 1	8,7 cm	10,4 cm	5,7 cm	7,4 cm	17,4 cm	15 cm	18,5 cm
Size 2	9,5 cm	12 cm	6,7 cm	9,2 cm	20,1 cm	18 cm	22 cm
Size 3	11,5 cm	14 cm	8,1 cm	10,6 cm	23,8 cm	21 cm	26 cm
Size 4	11,5 cm	14 cm	8,1 cm	10,6 cm	23,8 cm	28 cm	36 cm

		Price / pair
☐ Size 1	**(34 01 024)**	404 €
☐ Size 2	**(34 02 024)**	404 €
☐ Size 3	**(34 03 024)**	404 €
☐ Size 4	**(34 04 024)**	404 €

Foot cups with dynamic leg guidance

Foot cups with dynamic leg guidance
width adjustable and with fixing straps
& with magnetic lock

	Min. front width	Max. front width	Min. rear width	Max. rear width	Length	Min. leg guide height	Max. leg guide height
Size 1	8,7 cm	10,4 cm	5,7 cm	7,4 cm	17,4 cm	15 cm	18,5 cm
Size 2	9,5 cm	12 cm	6,7 cm	9,2 cm	20,1 cm	18 cm	22 cm
Size 3	12 cm	15 cm	8,8 cm	11,8 cm	24 cm	20,5 cm	25,5 cm



		Price / pair
☐ Size 1	**(34 01 025)**	528 €
☐ Size 2	**(34 02 025)**	528 €
☐ Size 3	**(34 03 025)**	528 €

E - Drive

DirectPower E-drive from Heinzmann

The **mats.** is equipped with the DirectPower E-drive from Heinzmann. This allows us to offer you a wear-free and silent direct drive. The motor is designed to be brushless and without gears. This minimises maintenance and wear and eliminates motor noise. The battery capacity is 400 Wh. The recuperative system automatically recharges when driving downhill or braking. This means that the range can be increased by up to 15 %. The existing force of the user is measured by a force sensor integrated in the bottom bracket, and the assistance from the electric drive is adjusted.

Choose the suitable E-drive for the **mats.** from the following configurations. You can choose whether the drive should be equipped **with or without start-up assistance**. In addition, you can choose between a **beginner version** and an **advanced version**. The difference here is the **start-up** and the **top speed** of the various modes **Eco**, **Standard** and **Power**, which can be selected via the display. An analysis cable can be used to change the selected version at a later date.

The e-drive excludes a rigid gear rim and brings with it an additional weight of approx. 10 kg..

E - drive configuration

DirectPower E-drive from Heinzmann – without start-up assistance

Version		Start-up handling / top speed Eco	Tour	Sport	Turbo	Boost	Price / piece
☐ Beginner	**(34 01 126)**	gentle / 8 km/h	gentle / 9 km/h	medium / 10 km/h	medium / 11 km/h	strong / 12 km/h	3.115 €
☐ Fortgeschrittene	**(34 01 127)**	gentle / 10 km/h	gentle / 12,5 km/h	medium / 15 km/h	medium / 17,5 km/h	strong / 20 km/h	3.115 €

E - drive configuration

DirectPower E-drive from Heinzmann – with start-up assistance

Select whether the start-up assistance should be activated by pressing the button **(Fig. 1)** or by twist handle **(Fig. 2)**

Version		pull-away assist	Start-up handling / top speed Eco	Tour	Sport	Turbo	Boost	Price / piece
☐ Beginner with twist handle	**(34 01 128)**	4 km/h	gentle / 8 km/h	gentle / 9 km/h	medium / 10 km/h	medium / 11 km/h	strong / 12 km/h	3.242 €
☐ Beginner with button	**(34 01 129)**							3.242 €
☐ Advanced with twist handle	**(34 01 130)**	6 km/h	gentle / 10 km/h	gentle / 12,5 km/h	medium / 15 km/h	medium / 17,5 km/h	strong / 20 km/h	3.242 €
☐ Advanced with button	**(34 01 131)**							3.242 €

Software

Subsequent conversion/adjustment of the software on the delivered product by our sales force

	Net price (not discountable) / piece
☐ **34 00 091**	170 €