



**Order
Cost estimate**

Invoice address:

Dispatch address:

See invoice address

Customer No.: _____

Orderer: _____

Date: _____

Signature: _____

Commission:

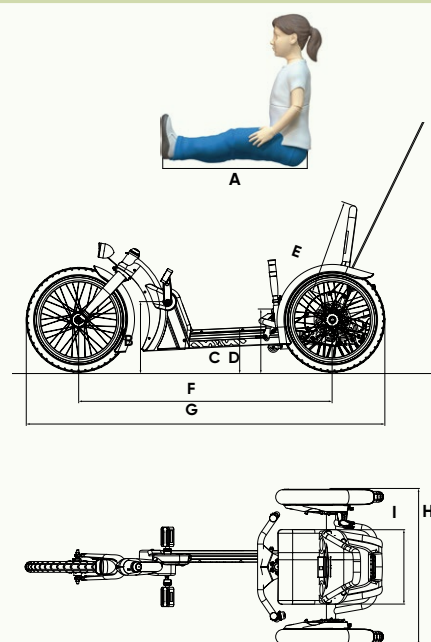
The recumbent tricycle that grows with you.

- 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



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



HMV-No.: 22.51.02.0063

Basic model

mats.

Piece

34 01 100

3.958 €

Frame colours

Colour choice


Coating with a desired colour

(after consultation)

Please specify the desired colour here:

RAL _____



Piece

Upcharge

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

34 00 090 278 €

Steering option

Lower steering – Depth, height and angle adjustable (only possible in combination with narrow seat)

Upper steering

with folding, angle and depth-adjustable telescopic steering column, detachable handlebar clamp for individual handlebar positioning

i **Retrofitting or later change of the steering ist not possible!**

Price / piece

Upcharge / piece

34 01 003
34 01 002

370 €

Accessories

Grip balls for lower steering

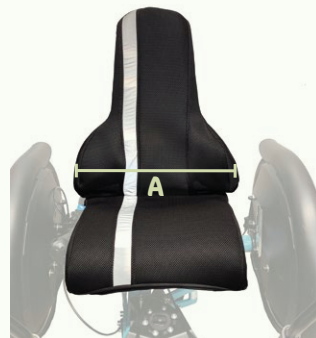

Piece / pair

34 00 007

132 €

Seat

Narrow seat with narrow back
with anatomical support

Narrow seat with wide back
with low anatomical support

Wide seat – only possible in conjunction with top steering

Seat inlay – the seat width is reduced by 6 cm (cannot be used in combination with the narrow seat with wide backrest)


Seat width	Back width (A)
37 cm	37 cm

Seat width	Back width (A)
37 cm	42 cm

Width
46 cm

Price / piece

Price / piece

Upcharge / piece

Price / piece

34 01 019
34 00 019
34 02 019

329 €

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)

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

Price / piece

Price / piece

34 01 033
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 €

Foot cups with leg guidance

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

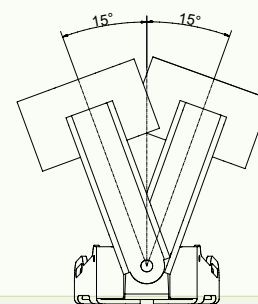
	Min. front width	Max. front width	Min. rear width	Max. rear width	Length	Min. leg guide height	Max. leg guide height
Size 1	8,7 cm	10,4 cm	5,7 cm	7,4 cm	17,4 cm	15 cm	18,5 cm
Size 2	9,5 cm	12 cm	6,7 cm	9,2 cm	20,1 cm	18 cm	22 cm
Size 3	11,5 cm	14 cm	8,1 cm	10,6 cm	23,8 cm	21 cm	26 cm
Size 4	11,5 cm	14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



							Piece / 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					Price / piece
	Eco	Tour	Sport	Turbo	Boost	
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					Price / piece
		Eco	Tour	Sport	Turbo	Boost	
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 €