



Protection for the chain and your trousers; the drivetrain is almost completely covered. Our special low friction chain tubes guarantee an efficient power transmission and minimize noise.



The cockpit: Aero-Bars to the front or optional above seat steering with the foldable TERRACYCLE Glideflex stem (pictured here) or comfortable ergo-bars with under seat steering. Brake levers and shifters are always at hand.

Comfortable seat options: The BodyLink hardshell seat can be adjusted to fit your body like a glove. Alternatively, our ErgoMesh seat provides optimum breathability. It comes with an integrated pouch for your small belongings.



Up front, a comfortable suspension fork soothes your ride. The SPINNER Grind2 suspension fork allows to mount disc brakes. They guarantee incredible braking performance when going downhill.

Our No-Squat suspension design offers complete comfort with no performance loss. When you push on the pedals all your energy is transferred into motion.

Suitable for trailers (single or double track) of up to 88 lbs weight.

Grasshopper fx: small package, great ride

We are happy to introduce our nimble space-saver: The perfect pleasure ride for spontaneous touring both around your home and in distant regions.

Easy folding in 60 seconds to fit in trunks and train compartments gives you freedom of choice. The folding dimensions for above seat steering models (96 x 60 x 70 cm / 38 x 24 x 28") and under seat steering models (96 x 50 x 70 cm / 38 x 20 x 28") make it easy to take your comfortable recumbent anywhere you want to ride.

At HP Velotechnik, we believe folding bicycles and tricycles are on the rise: Sustainability, new environmental conscience and the combination of public transport with individual locomotion such as bike riding demand for easy-to-use folding technology. Understandable, speaking of lack of transport and storage space, the capability of folding your ride also leaves you literally "flexible" in virtually all situations.

With excellent folding and riding features combined with award-winning design the Grasshopper fx sets new standards – recumbent riding is now efficient and looks great!

Technical Data

seat height	54 cm / 21"
pedal axle height ..	65 – 69 cm / 25.6 – 27.2"
suspension travel ..	5 cm / 2" front 11 cm / 4 1/4" rear
seat angle	39° – 47°
wheel size	20" (ISO 406)
tire width max.	5 cm / 2"
wheelbase	109 cm / 43"
length	160 – 189 cm / 63 – 75"
height.....	100 cm / 39 1/2"
handle bar width ..	56 cm / 22"
weight (incl. pedals) ..	from 15.2 kg / 33 3/4 lbs
frame material	aluminum Al7005T6
suspension pivot ..	maintenance free
powder coating ...	magic green dark blue RAL 5004 or custom color
rider height	min. 1.58 m / 5' 2 1/4" max. 2.00 m / 6' 7"
warranty on frame	10 years



Your dealer



Excellent advice, test rides and after-sales-service are provided by the HP Velotechnik dealers worldwide. For up-to-date information on accessories and our dealer list please review our website at www.hpvelotechnik.com. Specification subject to be changed without notice. Illustrations show special components. Valid from November 2016.



basic bike		EUR
<input type="checkbox"/>	Grasshopper fx foldable recumbent bike, basic model with above seat steering (Aerobars / to the front), suspension fork SPINNER Grind2, AVID V-Brakes, drivetrain SRAM DualDrive 24 speed (3speed hub / 8 speed cassette), SRAM twist-shifters, <i>BodyLink</i> seat, <i>ErgoMesh</i> or <i>ErgoMesh XL</i> seat	2.690,00
<input type="checkbox"/>	Grasshopper fx framekit with assembled headset, suspension fork SPINNER Grind2, rear shock DNM DV-22, handlebars, above seat steering (Aerobars), seat, chain guides, <i>BodyLink</i> seat or <i>ErgoMesh</i> seat	2.090,00

options		
<input type="checkbox"/>	custom color according to RAL color chart	159,00
<input type="checkbox"/>	front boom carbon fiber saves 170 g (1/3 lbs) weight	199,00
<input type="checkbox"/>	front boom quick adjust quick release levers, chain length compensation	139,00
<input type="checkbox"/>	above seat steering direct, tiller bar (to the rear) with foldable TERRACYCLE Glideflex stem	119,00
<input type="checkbox"/>	under seat steering indirect, adjustable, maintenance-free bearings, not compatible with <i>ErgoMesh XL</i> seat	64,90
<input type="checkbox"/>	rear shock RockSHOX Monarch RL light weight air shock, adjustable rebound damping, lockout	209,00
<input type="checkbox"/>	hard spring for suspension fork for loads over 100 kgs / 220 lbs, pre-installed	24,90
<input type="checkbox"/>	drivetrain SRAM DualDrive/27 27 speed, SHIMANO XT derailleur and cassette, Dura Ace barend shifters	249,00
<input type="checkbox"/>	drivetrain SRAM/30 60-52-40, cassette 11-36 teeth, barend (under seat) or twist shifters (above seat steering)	259,00
<input type="checkbox"/>	drivetrain ROHLOFF Speedhub 500/14 DB 14 evenly spaced internal gears, operated by one twist-grip, with external cable click box, disc brake compatible (long twist shifter for under seat steering), black	1.250,00
<input type="checkbox"/>	E-drive Go SWISSDRIVE 250W including drivetrain XT/27, battery Li-Ion 558 Wh, throttle	2.490,00
<input type="checkbox"/>	short cranks 155 mm, recommended for riders under 175 cm / 5' 7"	24,90
<input type="checkbox"/>	disc brakes AVID BB7 mechanical, good stopping power, increased safety for both rims and tires	129,00
<input type="checkbox"/>	disc brakes TEKTRO Auriga hydraulic	179,00
<input type="checkbox"/>	disc brakes SHIMANO XT hydraulic	329,00
<input type="checkbox"/>	disc brakes for ROHLOFF drivetrain, additional to brakes and drivetrain	69,90
<input type="checkbox"/>	tire exchange from SCHWALBE Marathon Racer 40 mm to Marathon Plus 47 mm	29,90

accessories		
<input type="checkbox"/>	light system B&M Dymotec 6 with standlight front and rear, tire generator Dymotec 6, LED front light B&M IQ Fly plus, rear light B&M Toplight Flat S plus, twin cables routed through the frame	169,00
<input type="checkbox"/>	light system with SHUTTER PRECISION disc hub generator B&M IQ Fly plus Licht24 front light	319,00
<input type="checkbox"/>	light system with SON delux disc hub generator / IQ-X front light with standlight front and rear, 20" SON delux dynohub, LED front light B&M IQ-X, up to 100 lux, rear light B&M Toplight Flat S plus with brake light, twin cables routed through the frame	449,00
<input type="checkbox"/>	light system battery only with E-drive GO SWISSDRIVE, headlight IQ Fly, B&M rear light, up to 80 lux	169,00
<input type="checkbox"/>	light system battery only with E-drive GO SWISSDRIVE, headlight IQ-X, B&M rear light, up to 140 lux	299,00
<input type="checkbox"/>	rear rack fully suspended, rigid construction made of 10 mm tube, max. load 25 kgs / 55 lbs	119,00
<input type="checkbox"/>	lowrider rack 10 mm tube aluminum 6061 T6, black, max. load 25 kgs / 55 lbs	99,90
<input type="checkbox"/>	mudguards Sks 20", black, stainless steel mounting hardware	49,90
<input type="checkbox"/>	kickstand PLETSCHER Comp Zoom aluminum, adjustable	26,90
<input type="checkbox"/>	Airflow seat cushion air permeable fabric, 3 layer system, velcro mounting, for <i>BodyLink</i> seat	59,90
<input type="checkbox"/>	head rest for BodyLink seat adjustable in height and angle	99,00
<input type="checkbox"/>	head rest for ErgoMesh seat adjustable in height and angle	119,00
<input type="checkbox"/>	rain cover for seat	16,90
<input type="checkbox"/>	Microbag for <i>BodyLink</i> seat, detachable as hip bag, holds 1 liter	34,90
<input type="checkbox"/>	adjustable end stops for quick repositioning of the seat	9,90
<input type="checkbox"/>	clipless pedals SHIMANO PD-T8000 integrated Quick Binding for SPD-shoes, with shoe plates	84,90
<input type="checkbox"/>	water bottle set Moonbiker 2x0,6 l clear PE-bottles with recumbent print, with mounts	42,90
<input type="checkbox"/>	rear mirror MIRRICLE wide range mirror with custom bar-end-mount, doubles up as computer mount	39,90
<input type="checkbox"/>	rear mirror MIRRICLE on both sides	79,80
<input type="checkbox"/>	flag Moonbiker single-sided print, with reflective strip	14,90
<input type="checkbox"/>	recumbent side bags Moonbiker 2x35 liter volume, aerodesign, Cordura®, blue	249,00
<input type="checkbox"/>	transport cover with carrying strap	79,90
<input type="checkbox"/>	Streamer universal transparent front fairing, with Quickmount-adapter, incl. assembly	479,00

color: magic green dark blue RAL 5004 custom color ca. RAL _____
 rear spring: soft (max. 176 lbs / 80kg) standard (max. 220 lbs / 100kg) hard (max. 286 lbs / 130 kg rider with luggage)
 (for DV-22) (450 lbs/inch) (650 lbs/inch) (850 lbs/inch)

Simply choose your favourite components by filling out this leaflet. Your HP Velotechnik dealer provides excellent advice, test rides and after-sales-service. Please review our dealer list on our website. Suggested retail prices in Euro based on 19% VAT. Local prices may vary according to different national tax rates. Shipping to most EU-countrys: 109,00.

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