Grasshopper fx

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HP VELOTECHNIK

	☒	Item				sugg. retail $
Grasshopper fx foldable recumbent 20"/20" (GHF)						
	❑	**Grasshopper fx basic model** foldable, rear suspension, suspension fork, aerobar steering, STURMEY ARCHER 24 speed derailleur/hub gears, SHIMANO hydraulic disc brakes				**5.420,00**
	❑	**Grasshopper fx frameset** foldable, with suspension front and rear, seat, aerobar steering, chain guide setup				**4.420,00**
Grasshopper fx options extra charge – drivetrain and brake options for complete bikes only						
frame	❑	**standard colour** O magic green O blue shade grey				**0,00**
	❑	**single custom colour** according to RAL-colour chart: _____ (please specify)				**239,00**
	❑	**double custom colour** according to RAL-colour chart main frame:_____, front boom / swing arm:_____				**349,00**
	❑	**front boom with derailleur tube** regardless of shifting option (not w/PINION)				**0,00**
	❑	**front boom carbon** saves 170 g / 0.37 lbs of weight, not with PINION				**239,00**
	❑	**length fitting service:** distance center of crank axle to end of main frame, look at the marking on the skale ____ cm				**0,00**
	❑	**front boom quickadjust without chain compensation** QR-levers				**69,00**
	❑	**front boom quickadjust** compensates extra chain length when front boom is adjusted, QR-levers				**289,00**
seat	❑	**ErgoMesh** meshseat with OrthoFlex technology, prepared for optional add-on bags				**0,00**
	❑	**ErgoMesh XL** meshseat (2" wider, backrest 1.6" and seat 2" longer than Ergomesh)				**0,00**
	❑	**ErgoMesh Premium** meshseat with OrthoFlex technology, prepared for optional add-on bags, seat and seatback independently adjustable				**389,00**
	❑	**BodyLink** seat				**219,00**
	❑	**BodyLink** seat with brackets for small riders (1.6" to the front)				**219,00**
	❑	**Airflow seat cushion** breathable fabric, sewn, for BodyLink seat				**99,00**
	❑	**headrest for BodyLink seat** flexible, with cushion, adjustable in height and angle				**175,00**
	❑	**headrest for meshseat** adjustable in height and angle, with quick release lever				**219,00**
	❑	**adjustable end stops** allow exact positioning of the seat				**29,00**
	❑	**two adjustable end stops** for ErgoMesh Premium seats only, added				**58,00**
	❑	**rain cover** for seats, ripstop nylon fabric, blue				**39,00**
	❑	**add-on bags for meshseat** pair mounted on backrest, each 1.4 litres, 1 water-repellent bag, 1 ventilated bag				**89,00**
	❑	**Microbag** topbag for BodyLink seat, detachable as hip bag, 1 litre				**55,00**
suspension	❑	**rear shock DNM DV-22** (basic specification) O soft: 450 lbs/inch, up to 175lbs O standard: 650 lbs/inch, up to 220lbs O hard: 850 lbs/inch, up to 285lbs				**0,00**
	❑	**rear shock** lightweight air shock, adjustable damping, lock-out, incl. damper pump				**219,00**
	☒	**suspension fork TSR AX1** (basic specification)				**0,00**
	❑	**hard spring for suspension fork** for loads over 220 lbs, pre-installed				**39,00**
steering	❑	**above seat steering (ASS) with aerobar** direct (basic specification)				**0,00**
	❑	**above seat steering with tiller steering (ASS)** direct, tiller bar, TERRACYCLE folding stem				**25,00**
	❑	**under seat steering (USS)** indirect, adjustable, not compatible with ErgoMesh XL seat or E-drive				**25,00**
drivetrain	❑	**drivetrain STURMEY ARCHER Tripleshift 24** 24 speed with twist shifters (basic specification), SRAM X4 rear derailleur, STURMEY ARCHER 3 speed internal hub				**0,00**
	❑	**drivetrain SHIMANO Nexus 8 Premium** 8 speed internal gear hub with twist shifter, black				**49,00**
	❑	**drivetrain STURMEY ARCHER Tripleshift 30** 30 speed, rear derailleur MICROSHIFT XLE, MICROSHIFT / STURMEY ARCHER barend shifters (USS), XT twist shifters (ASS), STURMEY ARCHER 3 speed internal gear hub, SHIMANO XT cassette 11-36 teeth, crankset with 46 teeth chainring, double sided chainwheel disc				**229,00**
	❑	**drivetrain MICROSHIFT XLE30** 30 speed, MICROSHIFT XLE 10 speed rear derailleur / cassette, triple crankset, MICROSHIFT front derailleur, MICROSHIFT barend shifters for underseat steering, twist shifter SHIMANO XT for above seat steering				**299,00**
	❑	**drivetrain ROHLOFF Speedhub/14** 14 speed, black, long twist shifter				**2.370,00**
	❑	**drivetrain PINION C1.12** 12 speed front gear box, long twist shifter for USS, Stremaer not compatible				**2.460,00**
	❑	**E-drive NEODRIVES Z20 and drivetrain MICROSHIFT XLE30** only for ASS, up to 20 mph, hub motor, 30 speed, rear derailleur MICROSHIFT XLE, triggershifter / cassette SHIMANO XT, triple chainring set, front derailleur MICROSHIFT, Li-Ion battery 576 Wh, push assist				**4.290,00**
	❑	**E-drive NEODRIVES Z20 with PINION C1.12** push assist only with ASS, up to 20 mph, 12 speed PINION C1.12 front gear box, Li-Ion 576 Wh, push assist, 4 A charger, not compatible with streamer				**6.190,00**
	❑	**short cranks** 155 mm / 6", recommended for riders under 175 cm / 68"				**32,00**
	❑	**tire exchange** from SCHWALBE Tryker 40 mm / 1.6" to O Marathon Plus 47 mm / 1.8" O Kojak 35mm / 1.4" (XLE/30 or PINION)				**59,00**

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Grasshopper fx accessories Surcharges, additional special accessories on the "comfort and ability options" order form						
brakes	❑	**disc brakes SHIMANO BR-MT200** hydraulic (basic specification)				**0,00**
	❑	**disc brakes AVID BB7** mechanical				**99,00**
	❑	**disc brakes SHIMANO XT** hydraulic				**399,00**
accessories	❑	**light wire routing only** twin wires routed through the frame for hub dynamo				**129,00**
	❑	**lighting system B&M EYRO rechargeable** up to 30 lux, headlight rechargeable with USB, battery-powered rear light B&M Toplight 2C permanent				**139,00**
	❑	**lighting system B&M IQ-XS friendly for E-drive** LED headlight B&M IQ-XS friendly, up to 80 lux, rear light B&M Toplight 2C DC				**259,00**
	❑	**lighting system B&M IQ-X for E-drive** B&M IQ-X up to 150 Lux, rear light B&M Toplight 2C DC				**349,00**
	❑	**lighting system SHUTTER PRECISION SD-8 disc dynohub/IQ-X** with stand light, daytime running light and brake light, SHUTTER PRECISION SD-8 hub dynamo, B&M IQ-X headlight, up to 100 lux, B&M Toplight 2C plus rear light				**479,00**
	❑	**lighting system SON disc dynohub/IQ-X** with stand light, daytime running light and brake light, SCHMIDTS ORIGINAL NABENDYNAMO, B&M IQ-X headlight, up to 100 lux, B&M Toplight 2C plus rear light				**819,00**
	❑	**rear rack** 12 mm / 0.5" tube, black powder coating, max. load 25 kg / 55 lbs				**289,00**
	❑	**lowrider rack** 10 mm / 0,39" tube, black powder coating, max. load 55 lbs / 25 kg				**199,00**
	❑	**mudguards SKS** 20" with spoiler, rear 53 mm / 2.1", black, stainless steel stays, mounted				**199,00**
	❑	**kickstand PLETSCHER Esge Comp Zoom** mounted on the rear swingarm, black				**79,00**
	❑	**clipless pedals SHIMANO PD-T8000** lightweight, multi-purpose pedal for normal and SPD shoes				**119,00**
	❑	**water bottle set HP VELOTECHNIK** 2 x 0.6 l PE-bottle with HP print, with bottle cages, mounted				**105,00**
	❑	**rear mirror MIRRYCLE** with barend mounting, also computer mount O left O right				**85,00**
	❑	**rear mirror MIRRYCLE both sides** barend mounting left and right				**170,00**
	❑	**flag HP VELOTECHNIK** double-sided print, with reflective strip				**33,00**
	❑	**universal mount for accessories** to be mounted on the handlebar end (with twist shifters) or on the barend shifter, Ø 0.87" tube holder for accessories like mobile phone holder / GPS devices or bell, max. load 0.88 lbs, unmounted				**69,00**
	❑	**transport cover** with carrying strap, for Grasshopper fx				**139,00**
	❑	**air horn AIRZOUND XL** about 30-115 dB, not mounted				**45,00**
	❑	**Streamer 2.0** clear front fairing, with pivotel mount, incl. assembly (not w/PINION				**999,00**

All prices in US$. The MSRP includes duties and shipping, excluding applicable sales tax. This form is valid for US customers only.
Our general terms and conditions shall apply for all orders. Please contact your authorized HP Velotechnik dealer for details and ordering.

HP VELOTECHNIK GmbH & Co. KG • Kapellenstr. 49 • 65830 Kriftel • Germany • phone +49 61 92-97 99 2-0 • fax +49 61 92-97 99 2-299 • WEEE-Reg.- Nr. DE65590493
CR Frankfurt/M HRA 47004 • General Partner: HP VERWALTUNG GmbH, Kriftel, Germany, CR Frankfurt/M HRB 112233, Managing Director: Paul Hollants and Daniel Pulvermüller