

# *PRICE LIST 2023*



## TRIGO / TRIGO UP

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 26200	<b>TRIGO UP - Carmine Red/Black - above-seat steering</b> - seat height 23"-26¼" (58.5-66.5cm) - 8-speed internal gear hub - twist shifter - aluminum frame and fork - Kenda 58-406mm tires with reflective sidewalls and puncture protection - Samox crankset 155mm 36T - Promax DSK-300F mech. disc brakes with parking-brake mechanism	3066,00
<input type="checkbox"/> 26100	<b>TRIGO - Carmine Red/Black - under-seat steering</b> - seat height 23"-26¼" (58.5-66.5cm) - 24-speed derailleur system - twist shifters - aluminum frame and fork - Kenda 58-406mm tires with reflective sidewalls and puncture protection - Samox crankset 155mm 50/39/30T - Promax DSK-300F mech. disc brakes with parking-brake mechanism	2864,00
<input type="checkbox"/> 26201	<b>TRIGO NEXUS - Carmine Red/Black - under-seat steering</b> - seat height 23"-26¼" (58.5-66.5cm) - 8-speed internal gear hub - twist shifter - aluminum frame and fork - Kenda 58-406mm tires with reflective sidewalls and puncture protection - Samox crankset 155mm 36T - Promax DSK-300F mech. disc brakes with parking-brake mechanism	3267,00
<input type="checkbox"/> 26398	<b>Upcharge TRIGO with mounted accessories</b>	0,00
<b>Drivetrain accessories</b>		
<input type="checkbox"/> 26068	<b>Motor TRIGO for retrofitting - Shimano Steps E5000</b> 504Wh battery- we recommend the optional Differential as additional feature (limited use for people with weak leg muscles)	2511,00
<input type="checkbox"/> 25699	<b>Differential for retrofitting to the TRIGO</b> both rear wheels are driven	444,00
<input type="checkbox"/> 27215	<b>8 gear Shimano Nexus hub with integrated switchable HASE BIKES fixed gear - for TRIGO</b> - ( only for TRIGO with mounted accessories)	380,00
<b>Fender accessories</b>		
<input type="checkbox"/> 25848	<b>Fenders kit</b> for TRIGO and TRIGO UP	151,00
<b>Lighting accessories</b>		
<input type="checkbox"/> 25943	<b>Battery lighting kit- B&amp;M</b> - front Lumotec IQ Eyro - rear Toplight 2C permanent	76,00
<b>Carrier accessories</b>		
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch</b> (not for frames with suspension)	49,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left</b> - for TRIGO with above steering only (TRIGO UP)	150,00
<input type="checkbox"/> 27127	Seatback Bag for PINO and trikes	130,00
<input type="checkbox"/> 26084	<b>Basket Mount RACKTIME</b> - for TRIGO, TRIGO UP and TRETTS	139,00
<input type="checkbox"/> 25866	<b>Basket - BASKIT</b> large black - max. load 22 lb (10 kg)	59,00
<b>Foldable Fairing accessories</b>		
<input type="checkbox"/> 26695	Folding top - HASE BIKES - red - for HASE BIKES trikes (not for TRETTS and TRIGO UP) - slight discoloration on the fabric possible	423,00
<input type="checkbox"/> 25886	<b>Rain Poncho - Hase Bikes</b> (not for use with Turn-Signal System)	221,00
<input type="checkbox"/> 25913	<b>Smartphone mounting bracket for foldable fairing</b>	52,00

## TRIGO / TRIGO UP

Art.No.	Item name	RRP
<b>Pedals accessories</b>		
<input type="checkbox"/> 25583	<b>Special pedals adjustable 2017 - <input type="checkbox"/> left <input type="checkbox"/> right</b> - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52	216,00
<input type="checkbox"/> 25377	<b>Pedals with Toe Clips and Straps, incl. elastic heel straps - <input type="checkbox"/> left <input type="checkbox"/> right // <input type="checkbox"/> children <input type="checkbox"/> adults</b>	39,00
<input type="checkbox"/> 26016	<b>Crank Shortener wih angle compensation, black anodized</b> - universal for right or left side	87,00
<input type="checkbox"/> 26023	<b>Pendulum pedal with crank shortener with angle compensation - <input type="checkbox"/> left <input type="checkbox"/> right</b>	241,00
<input type="checkbox"/> 25378	<b>Pedal Axle Extenders - 1¼" (30mm) - <input type="checkbox"/> left <input type="checkbox"/> right</b>	29,00
<b>Seat accessories</b>		
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	221,00
<input type="checkbox"/> 25443	<b>Rain cover</b> for all trike seats, also für XXI and TRIGO seat	39,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	95,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	34,00
<input type="checkbox"/> 22392	<b>Armrest for TRIGO</b>	233,00
<b>Other accessories</b>		
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	54,00
<input type="checkbox"/> 25908	<b>Chain guard</b> for TRIGO with chain gear system	34,00
<input type="checkbox"/> 25560	<b>Tandem Hitch</b> models with hub dynamo require a battery-powered taillight when used as trailer	135,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch</b> KETTWIESEL, TRIX and LEPUS	59,00
<input type="checkbox"/> 25851	<b>TRIGO Extension Kit</b> for riders 6'5" to 7'1" (1.95m-2.15m) in height	120,00
<input type="checkbox"/> 25873	<b>Frame Lock</b> incl. steel cable, with fork-mounting kit - (not with wheel cover)	150,00
<input type="checkbox"/> 26355	<b>Bracket for attaching a frame lock to the fork</b>	73,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	100,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	39,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	54,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	402,00
<input type="checkbox"/> 25773	<b>Cover</b> for brakedisc and wheel, set for left and right side - (not with frame suspension)	17,00
<input type="checkbox"/> 24250	<b>Wheel cover (2 pairs) - canvas with reflective print - 20-inch - ( with suspension only outside)</b>	146,00
<input type="checkbox"/> 26328	<b>Guide Bar with steering function for accompanying person - for TRETTS and TRIGO - incl. brake rocket for additional brake lever</b> - (not compatible with the basket) - (no steering function in combination with the up steering)	271,00
<input type="checkbox"/> 26166	<b>Retrofit kit coupled brakes</b> - for TRIGO	453,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	39,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 25898	<b>TRIGO within Germany - compact</b>	35,00
<input type="checkbox"/> 25945	<b>shipping TRIGO partly assembled within Germany</b> - specialcycle build in Germany	75,00
<input type="checkbox"/> 25899	<b>TRIGO within EU - compact</b>	75,00
<input type="checkbox"/> 25947	<b>shipping TRIGO partly assembled within the EU</b>	131,00

## KETTWIESEL / LEPUS TOPSELLER

Topsellers are bikes with a fixed configuration. Topsellers are available with an attractive price advantage compared to equally equipped Custom-Bikes . All accessories from pages 6 and 7 can be ordered on top. The equipment and colour is unchangeable

Art.No.	Item name	RRP
<b>KETTWIESEL</b>		
□ 26326	<b>KETTWIESEL ALLROUND linear- carmine red mat - foldable</b> - seat height 48 cm - gear system: Hase Bikes 11 speed LINEAR derailleur - barend shifter - aluminum frame+fork - stainless-steel Sapim spokes - aluminum, double-walled rims black - SRAM 7.0 Powerglide cassette 11-42 - crankset 170 mm 42-tooth - Avid BB7 mechanical disc brakes with parking brake mechanism - SKS fenders matte black - quick-adjust frame M - lighting system: headlight:Herrmans Black MR8 50 LUX / B&M Toplight 2C plus + Shutter hub dynamo	4689,00
□ 26388	<b>KETTWIESEL EVO STEPS 2020 - mat grey - full suspension - foldable</b> - seat height 20" (50cm) - Shimano Steps pedelec motor 6100 - 500Wh battery - Spinner 300 suspension fork - Hase Bikes EVO rear-wheel suspension - 8-speed Alfine DI2 gear hub - Differential - aluminum frame - stainless-steel Sapim spokes - aluminum, double-walled rims black - coupled brakes, right lever actuates hydraulic brakes on rear wheels -left lever, mechanical brake on front wheel - SKS fenders matte black - crankset 170 mm 44-tooth - quick-adjust frame - lighting system operated by motor battery: headlight: - B+M IQ-X / + B&M Toplight 2C plus	10003,00
□ 27500	<b>KETTWIESEL CROSS STEPS 2023 - yellow mat - full suspension - foldable</b> - seat height 20" (50cm) - Shimano Steps pedelec motor EP8 - 630Wh battery - Spinner 300 suspension fork - HASE BIKES EVO rear-wheel suspension - gear system: HASE BIKES 11speed linear derailleur - Shimano cassette 11-42 - Shimano bar-end shifters - crankset 170 mm 48-tooth - aluminum frame - Differential - stainless-steel Sapim spokes - aluminum, double-walled rims black - Off-road tires - coupled brakes, right lever actuates hydraulic brakes on rear wheels -left lever, mechanical brake on front wheel	10739,00
<b>LEPUS</b>		
□ 27207	<b>LEPUS 2023- concrete gray mat - rear suspension - foldable</b> - seat height 25" (63cm) - 16-inch fork - HASE BIKES EVO rear-wheel suspension - 8-speed Nexus gear hub - aluminum frame+fork - stainless-steel Sapim spokes - aluminum, double-walled rims black - coupled brakes, right lever actuates hydraulic brakes on rear wheels -left lever, mechanical brake on front wheel - XXL seat - SKS fenders matte black - Marathon Reflex tires - front Big Apple - crankset 155mm 32-tooth - lighting system: headlight: Herrmans Black MR8 50 LUX / B&M Toplight 2C plus, Shutter hub dynamo	6403,00
□ 27208	<b>LEPUS STEPS 2023 - mat karmin red - rear suspension - foldable</b> - seat height 25" (63cm) - Shimano Steps pedelec motor 6100 - 500Wh battery - 16-inch fork - HASE BIKES EVO rear-wheel suspension - 8-speed Alfine DI2 gear hub - Differential - aluminum frame+fork - stainless-steel Sapim spokes - aluminum, double-walled rims black - coupled brakes, right lever actuates hydraulic brakes on rear wheels - left lever, mechanical brake on front wheel - XXL seat - SKS fenders matt black - Marathon Reflex tires - front Big Apple - crankset 150mm 44-tooth - quick-adjust frame - lighting system operated by motor battery: headlight: B+M IQ-X + B&M Toplight 2C plus	10064,00
□ 27376	<b>LEPUS Bafang - carmine red matt - rear suspension - foldable</b> - seat height 63cm - pedelec electric motor Bafang M500 - Li-Ion battery 630Wh - 16 inch fork - HASE BIKES EVO HR suspension - 8 speed Nexus hub gears with bar-end shifter-differential - aluminium frame+fork - Sapim stainless steel spokes - aluminium hollow section rim black - brakes linked, right lever brakes the rear wheels hydraulically, left lever brakes the front wheel mechanically - XXL seat - SKS mudguards black matt - crankset 170mm 44Z - quick frame adjustment - light via motor battery: Headlight: B+M IQ-X + B&M Toplight 2C plus	9973,00
<b>KETTWIESEL HANDBIKE</b>		
□ 26500	<b>KETTWIESEL HANDBIKE - Carmine Red matt</b> - seat height 34" (48cm) - 8-speed Nexus gear hub twist shifter - Mountaindrive - differential - 7005 aluminum frame+fork - stainless-steel Sapim spokes - aluminum, double-walled rims black - comfort tyres - handcranks 174mm - coupled brakes, right lever actuates hydraulic brakes on rear wheels -left lever, mechanical brake on front wheel - SKS fenders matte black - lighting system: headlight: Herrmans Black MR8 50 LUX / B&M Toplight 2C plus + Shutter hub dynamo	8521,00
<b>Shipping Costs</b>		
□ 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within Germany	89,00
□ 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within EU	155,00

matching accessories on page 6 + 7

## KETTWIESEL / LEPUS CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 25349	<b>KETTWIESEL/LEPUS basic item - foldable frame</b>	1578,00
<b>Seat Hight</b>		
<input type="checkbox"/> 25344	<b>Low and sporty seatposition</b>	296,00
<input type="checkbox"/> 25329	<b>High and comfortable seatposition</b> - (not for use with 11seed chain gear and trailerset)	413,00
<b>Frame Adjustment</b>		
<input type="checkbox"/> 26135	<b>Quick-adjust frame_18</b> - <input type="checkbox"/> Size S - <input type="checkbox"/> Size M - <input type="checkbox"/> Size L	85,00
<b>Coulour</b>		
<input type="checkbox"/> 25350	<b>Paint color</b> - <input type="checkbox"/> carmine red matt <input type="checkbox"/> matt yellow <input type="checkbox"/> matt grey	85,00
<input type="checkbox"/> 25166	<b>Special colour</b> - based on RAL Classic Color Chart - (Glossy, unless otherwise indicated) - (the colours of the pearl effects may vary)	197,00
<b>Motor</b>		
<input type="checkbox"/> 25086	<b>Standard front boom - without motor</b>	241,00
<input type="checkbox"/> 26046	<b>Motor - Shimano Steps E6100</b> - <input type="checkbox"/> 44-tooth chainring - <input type="checkbox"/> 48-tooth chainring - without battery and charger - not with derailleur gears - not in combination with trailer use or coaster brake - we recommend the optional Differential as additional feature - (limited use for people with weak leg muscles)	2713,00
<input type="checkbox"/> 26717	<b>Motor - Shimano Steps EP8</b> - <input type="checkbox"/> 44-tooth chainring (not with derailleur gears) - <input type="checkbox"/> 48-tooth chainring - (only with foldable frame) - without battery and charger - we recommend the optional Differential as additional feature - (limited use for people with weak leg muscles) - (not in combination with trailer use or coaster brake)	3539,00
<input type="checkbox"/> 26926	<b>Bafang motor M500 system for HASE BIKES trikes</b> - with slider for a powerful jump start - without battery and charger - we recommend the optional Differential as additional feature - (not in combination with trailer use or coaster brake)	2824,00
<input type="checkbox"/> 25354	<b>Motor - Heinzmann - Directpower-</b> 14,25Ah lithium-ion battery, including mount and charger, incl. front wheel	4387,00
<b>Battery and charger</b>		
<input type="checkbox"/> 26191	<b>Battery Shimano Steps 36 V, 14 Ah, 504 Wh and battery charger 4A</b>	867,00
<input type="checkbox"/> 26759	<b>Battery Shimano Steps 36V, 630Wh - Battery charger 4A</b>	998,00
<input type="checkbox"/> 27375	<b>Battery for Bafang - 36 V, 17,5Ah, 630Wh + battery charger</b>	782,00
<b>Fork</b>		
<input type="checkbox"/> 25352	<b>Rigid fork - 20-inch</b> - in frame color	241,00
<input type="checkbox"/> 25353	<b>Rigid fork - 16-inch</b> - in frame color	251,00
<input type="checkbox"/> 26383	<b>Suspension fork Trike Spinner 300</b> - 20-inch	281,00
<b>Rear Shock</b>		
<input type="checkbox"/> 25664	<b>Frame without suspension</b>	0,00
<input type="checkbox"/> 25358	<b>Frame suspension</b> - <input type="checkbox"/> standard position - <input type="checkbox"/> at high position, seat 2½" (6 cm) higher - (Spoke protection only possible on the outside)	1003,00
<b>Shifting System</b>		
<input type="checkbox"/> 25403	<b>Gear system - HASE BIKES - Linear - 9-speed rear derailleur - Microshift bar end shifter</b>	479,00
<input type="checkbox"/> 25284	<b>Gear system - HASE BIKES - Linear - 11-speed rear derailleur</b> (not for use with LEPUS seatposition)	696,00
<input type="checkbox"/> 25051	<b>Gear system - Shimano - Nexus - 8-speed gear hub - long twist shifter</b> (not for use with Shimano Steps motor)	523,00
<input type="checkbox"/> 25053	<b>Gear system - Shimano - Nexus - 8-speed gear hub - HASE BIKES bar-end shifters</b>	615,00
<input type="checkbox"/> 25106	<b>Gear system - Rohloff - 14-speed gear hub</b>	1946,00
<input type="checkbox"/> 25205	<b>Gear system - Shimano - Di2 Alfine - 8-speed gear hub</b> - integrated electronic shifting (only available in combination with Shimano Steps motor)	917,00
<input type="checkbox"/> 26415	<b>Shimano Nexus Premium fixed gear 8 - incl. freewheel brake</b>	1109,00
	<b>Speeddrive</b> incl. chainguard 36T - (not compatible with Rohloff) - please choose at the crank set section	

## KETTWIESEL / LEPUS CUSTOMIZED

Art.No.	Item name	RRP
<b>Crankset</b>		
<input type="checkbox"/> 25408	<b>Crankset 170mm - <input type="checkbox"/> 53-tooth Rohloff / derailleur - <input type="checkbox"/> 42-tooth - <input type="checkbox"/> 32-tooth Nexus</b> (not for use with Shimano Steps)	160,00
<input type="checkbox"/> 25409	<b>Crankset 155 mm - <input type="checkbox"/> 52-tooth Rohloff / derailleur - <input type="checkbox"/> 42-tooth - <input type="checkbox"/> 32-tooth Nexus</b> -(not for use with Shimano Steps)	160,00
<input type="checkbox"/> 25359	<b>Crankset 140mm - <input type="checkbox"/> 39-tooth - <input type="checkbox"/> 32-tooth Nexus</b> (not for use with Shimano Steps)	160,00
<input type="checkbox"/> 24728	<b>Crankset 115mm - 32-tooth</b> (not for use with Shimano Steps)	160,00
<input type="checkbox"/> 27377	<b>Bafang crank ISIS black 165MM</b>	39,00
<input type="checkbox"/> 26065	<b>Shimano Steps Hollowtech cranks - <input type="checkbox"/> 150mm or - <input type="checkbox"/> 170mm</b>	69,00
<input type="checkbox"/> 24119	<b>Gear system - Schlumpf - Speed Drive - 2-speed planetary gear driven bottom-bracket system, 36-tooth - left 170mm with trouser guard</b> (not for use with Shimano Steps)	539,00
<input type="checkbox"/> 24182	<b>Gear system - Schlumpf - Mountain Drive Type 1 - 2-speed planetary gear driven bottom-bracket system, 54-tooth - 170mm with trouser guard</b> (not for use with Rohloff or Shimano Steps)	756,00
<input type="checkbox"/> 24581	<b>Crankset - 38-tooth black - length according to customer specifications max. 170 mm</b>	264,00
<input type="checkbox"/> 26776	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes - square axis - adjustment range of 65 - 165mm, 32T chainring	353,00
<input type="checkbox"/> 26775	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes with Shimano Steps - Hollow Tech axis - adjustment range of 65 - 165mm	353,00
<b>Drive Train</b>		
<input type="checkbox"/> 25475	<b>Single-wheel drive</b> - without Differential	242,00
<input type="checkbox"/> 25360	<b>Drive system - HASE BIKES - Differential</b> - both rear wheels are driven	676,00
<b>Front Wheel</b>		
<input type="checkbox"/> 25361	<b>Front wheel with touring tire</b> (not for use with Heinzmann)	135,00
<input type="checkbox"/> 25209	<b>Front wheel - lugged tyres</b> (not for use with Heinzmann or hub dynamos)	157,00
<input type="checkbox"/> 26048	<b>Front wheel - Shutter Precision hub dynamo, Herrmans Black MR8 50 LUX / BUMM Toplight 2C plus</b> - (not for use with Heinzmann)	262,00
<input type="checkbox"/> 25363	<b>Front wheel - SON hub dynamo, B+M IQ Cyo T Premium headlight, taillight with brake-light function</b> - (not for use with Heinzmann)	645,00
<input type="checkbox"/> 26108	<b>Motor - Heinzmann Direct Power</b>	0,00
<b>Rear Wheels</b>		
<input type="checkbox"/> 24128	<b>Rear wheel set - touring tyres</b>	237,00
<input type="checkbox"/> 25364	<b>Rear wheel set - 20-inch - <input type="checkbox"/> Puncture protection <input type="checkbox"/> Comfort <input type="checkbox"/> Cross</b>	284,00
<b>Brakes</b>		
<input type="checkbox"/> 25365	<b>Brakes - Avid BB7 - mechanical disc brakes</b> - with parking-brake mechanism <input type="checkbox"/> standard brake lever - <input type="checkbox"/> children's brake lever	231,00
<input type="checkbox"/> 24130	<b>Brakes - Tektro Auriga Tune - hydraulic disc brakes</b> (with parking-brake mechanism) (not for use with high Lepus seatposition)	201,00
<input type="checkbox"/> 25094	<b>Brakes - Avid - BB7 - coupled mechanical disc brakes</b> - right lever actuates brakes on rear wheels - left lever, brake on front wheel	317,00
<input type="checkbox"/> 24131	<b>Coupled brakes - hydraulic</b> - right lever actuates hydraulic brakes on rear wheels - left lever, (with the handbike mounted on the seat) mechanical brake on front wheel	569,00
<input type="checkbox"/> 24132	<b>Brakes - hydraulic coaster brake</b> - Trike cannot be rolled backwards or be folded (not for use with Shimano Steps motor)	782,00
<input type="checkbox"/> 25355	<b>Brake - hydraulic knee brakes with mechanical disc brake</b>	760,00
<input type="checkbox"/> 24783	<b>Brakes - Avid - BB7 - additional mechanical disc brake with parking-brake mechanism on front wheel - lever on seat</b>	211,00
<b>Seat</b>		
<input type="checkbox"/> 25034	<b>Seat with 3D seat cover - color of seat stays black mattee</b>	549,00
<input type="checkbox"/> 24134	<b>XXL Seat - width and length + 2¾" (70mm)</b> - with 3D seat cover - seat stays in schwartz matt	654,00
<input type="checkbox"/> 27505	<b>Seat with Vario Comfort Seat cover</b>	696,00
<input type="checkbox"/> 27506	<b>XXL Seat - with Vario Comfort seat cover</b> - width and length + 2¾" (70mm)	786,00

## KETTWIESEL / LEPUS CUSTOMIZED & ACCESSORIES

Art.No.	Item name	RRP
<b>Handlebar</b>		
<input type="checkbox"/> 25415	<b>Handlebar grips - aluminum black anodized</b>	41,00
<input type="checkbox"/> 25416	<b>Handlebar Grips - XL - 4" (10 cm) longer</b>	63,00
<input type="checkbox"/> 24625	<b>Handlebar grips - extra extra long - extended - plus 15¼" (40 cm)</b>	232,00
<input type="checkbox"/> 22480	<b>Shoulder Steering Unit - adjustable steering ratio (limited frame folding function)</b>	730,00
<input type="checkbox"/> 25366	<b>One-hand operation for brakes and gear system - <input type="checkbox"/> left - <input type="checkbox"/> right</b>	83,00
<b>Fender</b>		
<input type="checkbox"/> 25367	<b>Fenders - front and rear, matt black - <input type="checkbox"/> rear width 2½" (53mm) - <input type="checkbox"/> rear width 2,68" (65mm)</b>	157,00
<input type="checkbox"/> 25369	<b>Fenders for frame suspension - front and rear, matte black <input type="checkbox"/> rear width 2½" (53 mm) <input type="checkbox"/> rear width 2½" (65mm)</b>	221,00
<b>Lightingsystem</b>		
<input type="checkbox"/> 25897	<b>Lighting system with hub dynamo</b>	0,00
<input type="checkbox"/> 25926	<b>Lighting system operated by motor battery - B+M headlight IQ-X 150LUX/ LED taillight with standlight (only as option with motor)</b>	221,00
<input type="checkbox"/> 27498	<b>Lighting system operated by motor battery for Bafang motor - B&amp;M- Myc E, E-Bike-LED/ LED taillight with standlight (only as option with motor)</b>	120,00
<input type="checkbox"/> 25890	<b>Battery lighting kit - B+M - front Lumotec IQ Eyro - rear Toplight 2C Permanent</b>	105,00
<b>Other options</b>		
<input type="checkbox"/> 24875	<b>Trailer Kit - trailer function with overrun brake including heavy-duty Weber hitch with stand - no taillight with hub dynamo (not for use with high Lepus seatposition) (not usable with motors)</b>	937,00
<b>Carrier accessories</b>		
<input type="checkbox"/> 25370	<b>Luggage bag - Ortlieb - 42 liter, max. load 33 lb (15 kg) with QL1 System - black</b>	383,00
<input type="checkbox"/> 27127	<b>Seatback Bag for PINO and trikes</b>	130,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch (not for frames with suspension)</b>	49,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left - for TRIGO with above steering only (TRIGO UP)</b>	150,00
<input type="checkbox"/> 22391	<b>Lowrider - (not for use with suspension forks or 16 inch forks)</b>	39,00
<b>Foldable Fairing accessories</b>		
<input type="checkbox"/> 26695	<b>Folding top - HASE BIKES - red - for HASE BIKES trikes (not for TRETTS and TRIGO UP) - slight discoloration on the fabric possible</b>	423,00
<input type="checkbox"/> 25886	<b>Rain Poncho - Hase Bikes (not for use with Turn-Signal System)</b>	221,00
<input type="checkbox"/> 25913	<b>Smartphone mounting bracket for foldable fairing</b>	52,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 25610	<b>Special Pedals with flexible calf support, adjustable 2017 (not for TRIGO, TRIGO UP) - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52 - (fits TRETTS 2020 up to size 38) -Max. extension of calf support 46cm to top edge</b>	342,00
<input type="checkbox"/> 25583	<b>Special pedals adjustable 2017 - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52</b>	216,00
<input type="checkbox"/> 25377	<b>Pedals with Toe Clips and Straps, incl. elastic heel straps - <input type="checkbox"/> left <input type="checkbox"/> right // <input type="checkbox"/> children <input type="checkbox"/> adults</b>	39,00
<input type="checkbox"/> 26016	<b>Crank Shortener with angle compensation, black anodized - universal for right or left side</b>	87,00
<input type="checkbox"/> 26023	<b>Pendulum pedal with crank shortener with angle compensation - <input type="checkbox"/> left <input type="checkbox"/> right</b>	241,00
<input type="checkbox"/> 23989	<b>Leg Support - one-sided - left/right</b>	423,00
<input type="checkbox"/> 25378	<b>Pedal Axle Extenders - 1¼" (30mm) - <input type="checkbox"/> left <input type="checkbox"/> right</b>	29,00
<input type="checkbox"/> 26770	<b>Cranks with adjustable length - HASE BIKES - for Trikes - square axis - adjustment range of 65 - 165mm - 32T chainring - for retrofitting</b>	353,00
<input type="checkbox"/> 26774	<b>Cranks with adjustable length - HASE BIKES - for Trikes with Shimano Steps - hollow tech axis - adjustment range of 65 - 165mm - for retrofitting</b>	353,00

## KETTWIESEL / LEPUS ACCESSORIES

Art.No.	Item name	RRP
<b>Seat accessories</b>		
<input type="checkbox"/> 27365	<b>Vario Comfort seat cover</b> - including seat extensions	291,00
<input type="checkbox"/> 27369	<b>Wedge Cushions for the Vario Comfort Seat</b>	12,00
<input type="checkbox"/> 25443	<b>Rain cover</b> for all trike seats, also für XXI and TRIGO seat	39,00
<input type="checkbox"/> 22935	<b>Seatback extension</b> - 2,75" (70 mm)	99,00
<input type="checkbox"/> 25510	<b>Seat extension</b> - 2¾" (80mm) (for seat from April 2016)	19,00
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	221,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	95,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	34,00
<input type="checkbox"/> 22773	<b>Armrest-</b> can be used on the right or left side	297,00
<b>Other accessories</b>		
<input type="checkbox"/> 25560	<b>Tandem Hitch</b> models with hub dynamo require a battery-powered taillight when used as trailer	135,00
<input type="checkbox"/> 25874	<b>Trailer Kit for retrofitting - trailer function with overrun brake including heavy-duty Weber hitch with stand</b> - no taillight with hub dynamo (not for use with hydraulic brakes) (not for use with high LEPUS seatposition) (not for use with motors)	928,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch</b> KETTWIESEL, TRIX and LEPUS	59,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	54,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	39,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	54,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	100,00
<input type="checkbox"/> 24250	<b>Wheel cover (2 pairs) - canvas with reflective print - 20-inch - ( with suspension only outside)</b>	146,00
<input type="checkbox"/> 25379	<b>Spoke protectors 16-inch - canvas with reflective print</b> -for front wheel - not with Heimzmannmotor, front disc brake and frame lock	80,00
<input type="checkbox"/> 25773	<b>Cover</b> for brakedisc and wheel, set for left and right side - (not with frame suspension)	17,00
<input type="checkbox"/> 25288	<b>Fenders - retrofit kit</b> - front and rear for KETTWIESEL CROSS matte black	197,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	402,00
<input type="checkbox"/> 25524	<b>Guide Bar</b> (not compatible with Headrest and Seatback Extension)	170,00
<input type="checkbox"/> 25873	<b>Frame Lock</b> incl. steel cable, with fork-mounting kit - (not with wheel cover)	150,00
<input type="checkbox"/> 26355	<b>Bracket for attaching a frame lock to the fork</b>	73,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	39,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within Germany	89,00
<input type="checkbox"/> 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within EU	155,00



## KETTWIESEL HANDBIKE CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 26456	<b>KETTWIESEL HANDBIKE Custom- basic item - frame not foldable</b>	3155,00
<b>Seat Hight</b>		
<input type="checkbox"/> 25344	<b>Low and sporty seatposition</b>	296,00
<input type="checkbox"/> 25329	<b>High and comfortable seatposition</b> - (not for use with 11seed chain gear and trailerset)	413,00
<b>Coulour</b>		
<input type="checkbox"/> 25350	<b>Paint color</b> - <input type="checkbox"/> carmine red matt <input type="checkbox"/> matt yellow <input type="checkbox"/> matt grey	85,00
<input type="checkbox"/> 25166	<b>Special colour</b> - based on RAL Classic Color Chart - (Glossy, unless otherwise indicated) - (the colours of the pearl effects may vary)	197,00
<b>Motor</b>		
<input type="checkbox"/> 25733	<b>Handbike without motor</b>	0,00
<input type="checkbox"/> 25354	<b>Motor - Heinzmann - Directpower-</b> 14,25Ah lithium-ion battery, including mount and charger, incl. front wheel	4387,00
<b>Fork</b>		
<input type="checkbox"/> 25352	<b>Rigid fork - 20-inch</b> - in frame color	241,00
<input type="checkbox"/> 25353	<b>Rigid fork - 16-inch</b> - in frame color	251,00
<input type="checkbox"/> 26383	<b>Suspension fork Trike Spinner 300</b> - 20-inch	281,00
<b>Rear Shock</b>		
<input type="checkbox"/> 25664	<b>Frame without suspension</b>	0,00
<input type="checkbox"/> 25358	<b>Frame suspension</b> - <input type="checkbox"/> standard position - <input type="checkbox"/> at high position, seat 2½" (6 cm) higher - (Spoke protection only possible on the outside)	1003,00
<b>Shifting System</b>		
<input type="checkbox"/> 25107	<b>Gear system - Shimano - Nexus - 8-speed gear hub - twist shift long - including Mountain Drive</b>	2208,00
<input type="checkbox"/> 25108	<b>Gear system - Rohloff - 14-speed gear hub - without Mountain Drive</b>	2480,00
<b>Crankset</b>		
<input type="checkbox"/> 24137	<b>Hand crankset - 174 mm</b>	200,00
<input type="checkbox"/> 24138	<b>Hand crankset - 150 mm</b> - Shortest possible arm length with 150mm cranks is 44cm. (steepest seat adjustment in the lowest hole)	200,00
<b>Drive Train</b>		
<input type="checkbox"/> 25475	<b>Single-wheel drive</b> - without Differential	242,00
<input type="checkbox"/> 25360	<b>Drive system - HASE BIKES - Differential</b> - both rear wheels are driven	676,00
<b>Front Wheel</b>		
<input type="checkbox"/> 25361	<b>Front wheel with touring tire</b> (not for use with Heinzmann)	135,00
<input type="checkbox"/> 25209	<b>Front wheel - lugged tyres</b> (not for use with Heinzmann or hub dynamos)	157,00
<input type="checkbox"/> 26048	<b>Front wheel - Shutter Precision hub dynamo, Herrmans Black MR8 50 LUX / BUMM Toplight 2C plus</b> - (not for use with Heinzmann)	262,00
<input type="checkbox"/> 25363	<b>Front wheel - SON hub dynamo, B+M IQ Cyo T Premium headlight, taillight with brake-light function</b> - (not for use with Heinzmann)	645,00
<input type="checkbox"/> 26108	<b>Motor - Heinzmann Direct Power</b>	0,00
<b>Rear Wheels</b>		
<input type="checkbox"/> 24128	<b>Rear wheel set - touring tyres</b>	237,00
<input type="checkbox"/> 25364	<b>Rear wheel set - 20-inch</b> - <input type="checkbox"/> Puncture protection <input type="checkbox"/> Comfort <input type="checkbox"/> Cross	284,00
<b>Brakes</b>		
<input type="checkbox"/> 24308	<b>Brakes - Tektro - Auriga - hydraulic disc brakes</b>	292,00
<input type="checkbox"/> 24783	<b>Brakes - Avid - BB7 - additional mechanical disc brake with parking-brake mechanism on front wheel - lever on seat</b>	211,00
<input type="checkbox"/> 26164	<b>handbike and TRETTS coupled brakes - Tektro - Auriga Twin</b> - right lever actuates hydraulic brakes on rear wheels - left lever, (with the handbike mounted on the seat) mechanical brake on front wheel - on TRETTS, the left rear wheel	523,00
<b>Seat</b>		
<input type="checkbox"/> 25034	<b>Seat with 3D seat cover - color of seat stays black mattee</b>	549,00
<input type="checkbox"/> 24134	<b>XXL Seat - width and length + 2¾" (70mm)</b> - with 3D seat cover - seat stays in schwartz matt	654,00
<input type="checkbox"/> 27505	<b>Seat with Vario Comfort Seat cover</b>	696,00
<input type="checkbox"/> 27506	<b>XXL Seat - with Vario Comfort seat cover</b> - width and length + 2¾" (70mm)	786,00

## KETTWIESEL HANDBIKE CUSTOMIZED

Art.No.	Item name	RRP
<b>Fender</b>		
<input type="checkbox"/> 25367	<b>Fenders - front and rear, matt black - <input type="checkbox"/> rear width 2 1/8" (53mm) - <input type="checkbox"/> rear width 2,68" (65mm)</b>	157,00
<input type="checkbox"/> 25369	<b>Fenders for frame suspension - front and rear, matte black <input type="checkbox"/> rear width 2 1/8" (53 mm) <input type="checkbox"/> rear width 2 3/8" (65mm)</b>	221,00
<b>Lightingsystem</b>		
<input type="checkbox"/> 25897	<b>Lighting system with hub dynamo</b>	0,00
<input type="checkbox"/> 25926	<b>Lighting system operated by motor battery - B+M headlight IQ-X 150LUX/ LED taillight with standlight (only as option with motor)</b>	221,00
<input type="checkbox"/> 25890	<b>Battery lighting kit - B+M - front Lumotec IQ Eyro - rear Toplight 2C Permanent</b>	105,00
<b>Carrier accessories</b>		
<input type="checkbox"/> 25370	<b>Luggage bag - Ortlieb - 42 liter, max. load 33 lb (15 kg) with QL1 System - black</b>	383,00
<input type="checkbox"/> 27127	Seatback Bag for PINO and trikes	130,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch (not for frames with suspension)</b>	49,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left - for TRIGO with above steering only (TRIGO UP)</b>	150,00
<input type="checkbox"/> 22391	<b>Lowrider - (not for use with suspension forks or 16 inch forks)</b>	39,00
<b>Seat accessories</b>		
<input type="checkbox"/> 27365	<b>Vario Comfort seat cover - including seat extensions</b>	291,00
<input type="checkbox"/> 27369	<b>Wedge Cushions for the Vario Comfort Seat</b>	12,00
<input type="checkbox"/> 25443	<b>Rain cover for all trike seats, also für XXI and TRIGO seat</b>	39,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	99,00
<input type="checkbox"/> 25510	<b>Seat extension - 2 3/4" (80mm) (for seat from April 2016)</b>	19,00
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	221,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle as 5-points harness (shoulder pads not included)</b>	95,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair) for harness system - adjustable</b>	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	34,00
<b>Other accessories</b>		
<input type="checkbox"/> 25560	<b>Tandem Hitch models with hub dynamo require a battery-powered taillight when used as trailer</b>	135,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch KETTWIESEL, TRIX and LEPUS</b>	59,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	54,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories - speedometer/GPS/light</b>	54,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	100,00
<input type="checkbox"/> 24250	<b>Wheel cover (2 pairs) - canvas with reflective print - 20-inch - ( with suspension only outside)</b>	146,00
<input type="checkbox"/> 25379	<b>Spoke protectors 16-inch - canvas with reflective print -for front wheel - not with Heimzmannmotor, front disc brake and frame lock</b>	80,00
<input type="checkbox"/> 25873	<b>Frame Lock incl. steel cable, with fork-mounting kit - (not with wheel cover)</b>	150,00
<input type="checkbox"/> 26355	<b>Bracket for attaching a frame lock to the fork</b>	73,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin - fits HASE BIKES trikes and the PINO</b>	39,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs for KETTWIESEL / LEPUS / TRIX / TRETs within Germany</b>	89,00
<input type="checkbox"/> 21978	<b>Freight costs for KETTWIESEL / LEPUS / TRIX / TRETs within EU</b>	155,00

## PINO TOPSELLER

Topsellers are bikes with a fixed configuration. Topsellers are available with an attractive price advantage compared to equally equipped Custom-Bikes . All accessories from page 12 can be ordered on top. The equipment and colour is unchangeable

Art.No.	Item name	RRP
<b>Pino 2021</b>		
<input type="checkbox"/> 27470	<b>PINO CARGO - Dormant Orange</b> - Shimano Steps Motor EP8 - 630Wh Battery - suspension fork Spinner 300 - hub with thru axle und boost standard - rims Schürmann - tyres Schwalbe Marathon Reflex - derailleur Shimano Deore 11speed - cassette Sunrace 11speed 11-50 teeth - Hase Bikes bar end shifter with ergonomic handle - Hase Bikes Tandem crankset, rear 170mm 44Z, front adjustable length - hydraulic disc brakes - lighting from motor battery: B+M IQ-X, rear light integrated - fenders SKS - rear carrier Atran Velo - bike stand Ursus 80 Jumbo - standard seat post - PORTER RACK - PORTER BAG	12050,00
<input type="checkbox"/> 27249	<b>PINO STEPS 2022 - Pearl White</b> - Shimano Steps Motor E6100 - 500 Wh Battery - suspension fork Spinner 300 - hub with thru axle und boost standard - rims Schürmann - derailleur Shimano Deore 11speed - cassette Sunrace 11speed 11-50 teeth - Hase Bikes bar end shifter with ergonomic handle - Hase Bikes Tandem crankset, rear 170mm 44Z, front 165mm - hydraulic disc brakes - lighting from motor battery: B+M IQ-X, rear light integrated - fenders SKS - rear carrier Atran Velo - standard seat post	10034,00
<input type="checkbox"/> 27251	<b>PINO TOUR 2022 - Blau Metallic</b> - suspension fork Spinner 300 - SON hub dynamo thru axle - Rohloff 14 speed internal hub gear compatible for 12mm thru axle frame - rims Schürmann - Hase Bikes tandem crankset - rear 170mm 44Z, front 165mm - hydraulic disc brakes Shimano XT - lighting: B+M IQ-X - Top Lite Flat Brake Plus - fenders SKS - Rear rack Tubus Logo stainless steel black - HASE BIKES Lowrider - standard seat post	8420,00
<input type="checkbox"/> 27250	<b>PINO ALLROUND 2022 - Blue Metallic</b> - suspension fork Spinner 300 - hub with thru axle und boost standard - rims Schürmann - derailleur Shimano Deore 10 speed - cassette 10 speed 11-36 teeth - HASE BIKES bar end shifter with ergonomic handle - HASE BIKES Tandem crankset 26-36-48t, rear 170mm, front 165mm - hydraulic disc brakes - lighting: Shutter hubdynamo, Herrmans MR8, rear light integrated - fenders SKS - rear carrier Atran Velo - standard seat post	6504,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21945	<b>PINO within Germany</b>	82,00
<input type="checkbox"/> 21979	<b>PINO within EU</b>	143,00

matching accessories on page 12

## PINO 2021 CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 26519	<b>PINO Custom - basic item</b>	4286,00
<input type="checkbox"/> 26477	<b>PINO Steps Custom - E6100 - basic item</b>	7341,00
<input type="checkbox"/> 26639	<b>PINO Steps Custom - EP8 - basic item</b> , smaller, lighter, with 85Nm engine torque	7815,00
<b>Coulour</b>		
<input type="checkbox"/> 26478	<b>Paint colour</b> - <input type="checkbox"/> Pearl White <input type="checkbox"/> Blue Metallic	0,00
<input type="checkbox"/> 26256	<b>Special colour</b> - based on RAL Classic Color Chart - (Glossy, unless otherwise indicated) - (the colours of the pearl effects may vary)	192,00
<input type="checkbox"/> 27480	Paint colour for PINO - Dormant Orange	197,00
<b>Battery and charger</b>		
<input type="checkbox"/> 26191	<b>Battery Shimano Steps 36 V, 14 Ah, 504 Wh and battery charger 4A</b>	867,00
<input type="checkbox"/> 26759	<b>Battery Shimano Steps 36V, 630Wh - Battery charger 4A</b>	998,00
<b>Shifting System</b>		
<input type="checkbox"/> 27002	<b>Gear system - Shimano - Deore - 30-speed - (28-38-48Z, 11-34T) - HASE BIKES Microshift bar-end shifters and Ergo grips</b> (not for use with STEPS)	624,00
<input type="checkbox"/> 26561	<b>Gear system 11speed - Shimano Deore 11-speed derailleur - HASE BIKES Microshift bar-end shifters and Ergo grips - Sunrace cassette 11-50T</b>	574,00
<input type="checkbox"/> 26571	<b>Gear system 11speed DI2 - Shimano Deore XT DI2 11-speed derailleur - ergo grips - cassette 11-46T</b> (for Pino Steps only)	998,00
<input type="checkbox"/> 25807	<b>Internal gear hub Rohloff 14-speed</b> (please choose at the rear wheel section)	0,00
<b>Crankset</b>		
<input type="checkbox"/> 25385	<b>Crankset front - 165 mm</b>	157,00
<input type="checkbox"/> 25386	<b>Crankset front</b> - <input type="checkbox"/> 155mm <input type="checkbox"/> 140mm <input type="checkbox"/> 115mm	189,00
<input type="checkbox"/> 26705	<b>Cranks with adjustable length - HASE BIKES</b> - for PINO 2021 front - for children and porter bag use - adjustment range of 65 - 165mm	353,00
<input type="checkbox"/> 27200	<b>Hand-Crank Assembly PINO2021</b> - black - included led support and seat extension	1563,00
<b>Tyres</b>		
<input type="checkbox"/> 25387	<b>Tires - Touring tyres - front and rear</b>	56,00
<input type="checkbox"/> 25388	<b>Tires - Puncture protection - front and rear</b>	68,00
<b>Front Wheel</b>		
<input type="checkbox"/> 26517	<b>Front wheel 20" PINO - Thru axle</b>	200,00
<input type="checkbox"/> 26530	<b>Front wheel 20" PINO with Shutter hub dynamo</b> - LED headlight and LED taillight	517,00
<input type="checkbox"/> 26516	<b>Front wheel - 20 inch - for PINO 2021 - SON hub dynamo - LED headlight - LED taillight</b>	676,00
<b>Rear Wheels</b>		
<input type="checkbox"/> 26449	<b>Rear wheel 26" PINO - thru axle</b>	364,00
<input type="checkbox"/> 26455	<b>Rear Wheel - Rohloff 14-speed PINO</b> - 26 inch - compatible for 12mm thru axle frame	2108,00
<b>Brakes</b>		
<input type="checkbox"/> 26562	<b>Brakes - hydraulic disc brakes</b> - internal routing	400,00
<input type="checkbox"/> 26566	<b>Brakes - Shimano XT</b> - hydraulic disc brakes - 4 pistons	974,00
<b>Lightingsystem</b>		
<input type="checkbox"/> 25897	<b>Lighting system with hub dynamo</b>	0,00
<input type="checkbox"/> 26643	<b>Lighting system operated by motor battery</b> - LED headlight Busch+Müller IQ-X 150 Lux - LED rear light with parking light	226,00
<b>Other options</b>		
<input type="checkbox"/> 26602	<b>Rear rack Atran Velo</b> - PINO - max load 55lb (25kg) - with integrated taillight	63,00
<input type="checkbox"/> 27222	<b>Luggage carrier Logo Classic stainless steel</b> - black lacquered - max. load 26kg - tested up to 40kg	192,00
<input type="checkbox"/> 26656	<b>XXL frame extension for large stoker + 10cm</b>	61,00
<input type="checkbox"/> 26572	<b>Seatpost - rigid - für PINO</b>	63,00
<input type="checkbox"/> 26644	<b>Seatpost adjustable in height</b> - operating lever at handle bar for PINO 2021	315,00
<input type="checkbox"/> 26642	<b>Seatpost - suspended - for PINO 2021</b>	211,00
<input type="checkbox"/> 26603	<b>Fenders - SKS</b> - width 2 1/8" (53 mm), 20" + 26" matt black	87,00

## PINO 2021 ACCESSORIES

Art.No.	Item name	RRP
<b>Carrier accessories</b>		
<input type="checkbox"/> 26574	<b>Lowrider PINO - HASE BIKES</b> - carrier for 4 bike panniers - 16mm CroMo tubes - black - max. load 55lb (25kg)	206,00
<input type="checkbox"/> 27189	<b>PORTER RACK 2021</b> - cargo rack - up to 88lb (40kg)	493,00
<input type="checkbox"/> 26868	<b>Bag for cargo rack - HASE BIKES - PORTER RACK BAG</b> - max. 80l	231,00
<input type="checkbox"/> 26752	<b>Cargo bag - HASE BIKES - PORTER BAG - foldable</b> - max. 120l - for PINO 2021	323,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left</b> - for TRIGO with above steering only (TRIGO UP)	150,00
<input type="checkbox"/> 27127	Seatback Bag for PINO and trikes	130,00
<b>Kickstand accessories</b>		
<input type="checkbox"/> 26610	<b>Double Kickstand - Ursus 80 Jumbo</b> - max load 176lb (80kg) -From frame extension less than 50% (level 9) limited stability	65,00
<input type="checkbox"/> 26580	<b>Double Kickstand - HASE BIKES</b> - forged, max load 220lb (100kg)	312,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 25610	<b>Special Pedals with flexible calf support, adjustable 2017</b> (not for TRIGO, TRIGO UP) - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52 - (fits TRETTS 2020 up to size 38) -Max. extension of calf support 46cm to top edge	342,00
<input type="checkbox"/> 25583	<b>Special pedals adjustable 2017</b> - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52	216,00
<input type="checkbox"/> 25377	<b>Pedals with Toe Clips and Straps, incl. elastic heel straps</b> - <input type="checkbox"/> left <input type="checkbox"/> right // <input type="checkbox"/> children <input type="checkbox"/> adults	39,00
<input type="checkbox"/> 26016	<b>Crank Shortener wih angle compensation, black anodized</b> - universal for right or left side	87,00
<input type="checkbox"/> 26023	<b>Pendulum pedal with crank shortener with angle compensation</b> - <input type="checkbox"/> left <input type="checkbox"/> right	241,00
<input type="checkbox"/> 25378	<b>Pedal Axle Extenders - 1¼" (30mm)</b> - <input type="checkbox"/> left <input type="checkbox"/> right	29,00
<b>Seat accessories</b>		
<input type="checkbox"/> 27365	<b>Vario Comfort seat cover</b> - including seat extensions	291,00
<input type="checkbox"/> 27369	<b>Wedge Cushions for the Vario Comfort Seat</b>	12,00
<input type="checkbox"/> 26681	<b>Seat position adapter</b> - moves the seat 150mm to the front - for very tiny stoker	131,00
<input type="checkbox"/> 27235	<b>Rain cover</b> for PINO2021 seat	39,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	99,00
<input type="checkbox"/> 25510	<b>Seat extension - 2¾" (80mm)</b> (for seat from April 2016)	19,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	95,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	34,00
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	221,00
<b>Other accessories</b>		
<input type="checkbox"/> 26769	<b>Cranks with adjustable length - HASE BIKES</b> - for PINO 2021 front - 39 t - for children and porter bag use - adjustment range of 65 - 165mm - retrofit	353,00
<input type="checkbox"/> 25310	<b>Freewheel</b> - fixer device with slipping clutch PINO with frame adjustment 2015 / 2021	212,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	54,00
<input type="checkbox"/> 22448	<b>Handlebar grips - double grips for captain</b> - makes it possible to switch hand positions	169,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	39,00
<input type="checkbox"/> 26556	<b>Hitch Mount - HASE BIKES</b> - for mounting a Weber hitch	32,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	39,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21945	<b>PINO within Germany</b>	82,00
<input type="checkbox"/> 21979	<b>PINO within EU</b>	143,00

## TRIX TOPSELLER

Topsellers are bikes with a fixed configuration. Topsellers are available with an attractive price advantage compared to equally equipped Custom-Bikes .  
All accessories from page 16 can be ordered on top. The equipment and colour is unchangeable

Art.No.	Item name	RRP
<b>Trix</b>		
<input type="checkbox"/> 24147	<b>TRIX - matt yellow (RAL1018) - foldable</b> - Equipment: Gear system: Internal Gear Hub 8-gear Nexus Premium. Wheels: Rear wheel 20" Hub: Hase Quick-stick, front wheel 16", rims: double wall with eyelets, Tires: Schwalbe Marathon. Brakes: Avid BB7 mechanical disc brakes with parking brake. Battery lightning kit- <b>B+M</b> - front Lumotec IQ Eyro - rear Toplight Flat S permanent / Pedals with toe clips and heel straps, Chain gripping protection	5990,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within Germany	89,00
<input type="checkbox"/> 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within EU	155,00

matching accessories on page 16

## TRIX CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 25473	<b>TRIX basic item - foldable</b> (incl. rear spoke protectors, Chain gripping protection) Accepted as assistive aid by german health insurance by the number: <b>22.51.02.0059</b>	2692,00
<b>Seat Hight</b>		
<input type="checkbox"/> 25344	<b>Low and sporty seatposition</b>	296,00
<input type="checkbox"/> 25329	<b>High and comfortable seatposition</b> - (not for use with 11seed chain gear and trailerset)	413,00
<b>Frame Adjustment</b>		
<input type="checkbox"/> 26135	<b>Quick-adjust frame_18</b> - <input type="checkbox"/> Size S - <input type="checkbox"/> Size M - <input type="checkbox"/> Size L	85,00
<b>Coulour</b>		
<input type="checkbox"/> 25350	<b>Paint color</b> - <input type="checkbox"/> carmine red matt <input type="checkbox"/> matt yellow <input type="checkbox"/> matt grey	85,00
<input type="checkbox"/> 25166	<b>Special colour</b> - based on RAL Classic Color Chart - (Glossy, unless otherwise indicated) - (the colours of the pearl effects may vary)	197,00
<b>Motor</b>		
<input type="checkbox"/> 25086	<b>Standard front boom - without motor</b>	241,00
<input type="checkbox"/> 26046	<b>Motor - Shimano Steps E6100</b> - <input type="checkbox"/> 44-tooth chainring - <input type="checkbox"/> 48-tooth chainring - without battery and charger - not with derailleur gears - not in combination with trailer use or coaster brake - we recommend the optional Differential as additional feature - (limited use for people with weak leg muscles)	2713,00
<input type="checkbox"/> 26717	<b>Motor - Shimano Steps EP8</b> - <input type="checkbox"/> 44-tooth chainring (not with derailleur gears) - <input type="checkbox"/> 48-tooth chainring - (only with foldable frame) - without battery and charger - we recommend the optional Differential as additional feature - (limited use for people with weak leg muscles) - (not in combination with trailer use or coaster brake)	3539,00
<input type="checkbox"/> 25354	<b>Motor - Heinzmann - Directpower-</b> 14,25Ah lithium-ion battery, including mount and charger, incl. front wheel	4387,00
<b>Battery and charger</b>		
<input type="checkbox"/> 26191	<b>Battery Shimano Steps 36 V, 14 Ah, 504 Wh and battery charger 4A</b>	867,00
<input type="checkbox"/> 26759	<b>Battery Shimano Steps 36V, 630Wh - Battery charger 4A</b>	998,00
<input type="checkbox"/> 27375	<b>Battery for Bafang - 36 V, 17,5Ah, 630Wh + battery charger</b>	782,00
<b>Fork</b>		
<input type="checkbox"/> 25353	<b>Rigid fork - 16-inch</b> - in frame color	251,00
<input type="checkbox"/> 25352	<b>Rigid fork - 20-inch</b> - in frame color	241,00
<input type="checkbox"/> 26383	<b>Suspension fork Trike Spinner 300</b> - 20-inch	281,00
<b>Rear Shock</b>		
<input type="checkbox"/> 25664	<b>Frame without suspension</b>	0,00
<input type="checkbox"/> 25358	<b>Frame suspension</b> - <input type="checkbox"/> standard position - <input type="checkbox"/> at high position, seat 2½" (6 cm) higher - (Spoke protection only possible on the outside)	1003,00
<b>Shifting System</b>		
<input type="checkbox"/> 25051	<b>Gear system - Shimano - Nexus - 8-speed gear hub - long twist shifter</b> (not for use with Shimano Steps motor)	523,00
<input type="checkbox"/> 25053	<b>Gear system - Shimano - Nexus - 8-speed gear hub - HASE BIKES bar-end shifters</b>	615,00
<input type="checkbox"/> 25106	<b>Gear system - Rohloff - 14-speed gear hub</b>	1946,00
<input type="checkbox"/> 25205	<b>Gear system - Shimano - Di2 Alfine - 8-speed gear hub</b> - integrated electronic shifting (only available in combination with Shimano Steps motor)	917,00
<input type="checkbox"/> 26415	<b>Shimano Nexus Premium fixed gear 8 - incl. freewheel brake</b>	1109,00
<b>Crankset</b>		
<input type="checkbox"/> 25408	<b>Crankset 170mm</b> - <input type="checkbox"/> 53-tooth Rohloff / derailleur - <input type="checkbox"/> 42-tooth - <input type="checkbox"/> 32-tooth Nexus (not for use with Shimano Steps)	160,00
<input type="checkbox"/> 25409	<b>Crankset 155 mm</b> - <input type="checkbox"/> 52-tooth Rohloff / derailleur - <input type="checkbox"/> 42-tooth - <input type="checkbox"/> 32-tooth Nexus -(not for use with Shimano Steps)	160,00
<input type="checkbox"/> 25359	<b>Crankset 140mm</b> - <input type="checkbox"/> 39-tooth - <input type="checkbox"/> 32-tooth Nexus (not for use with Shimano Steps)	160,00
<input type="checkbox"/> 24728	<b>Crankset 115mm - 32-tooth</b> (not for use with Shimano Steps)	160,00
<input type="checkbox"/> 27377	<b>Bafang crank ISIS black 165MM</b>	39,00
<input type="checkbox"/> 26065	<b>Shimano Steps Hollowtech cranks</b> - <input type="checkbox"/> 150mm or - <input type="checkbox"/> 170mm	69,00
<input type="checkbox"/> 24581	<b>Crankset - 38-tooth black - length according to customer specifications max. 170 mm</b>	264,00
<input type="checkbox"/> 26776	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes - square axis - adjustment range of 65 - 165mm, 32T chainring	353,00
<input type="checkbox"/> 26775	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes with Shimano Steps - Hollow Tech axis - adjustment range of 65 - 165mm	353,00

## TRIX CUSTOMIZED

Art.No.	Item name	RRP
<b>Drive Train</b>		
<input type="checkbox"/> 25475	Single-wheel drive - without Differential	242,00
<input type="checkbox"/> 25360	Drive system - HASE BIKES - Differential - both rear wheels are driven	676,00
<b>Front Wheel</b>		
<input type="checkbox"/> 25361	Front wheel with touring tire (not for use with Heinzmann)	135,00
<input type="checkbox"/> 25209	Front wheel - lugged tyres (not for use with Heinzmann or hub dynamos)	157,00
<input type="checkbox"/> 26048	Front wheel - Shutter Precision hub dynamo, Herrmans Black MR8 50 LUX / BUMM Toplight 2C plus - (not for use with Heinzmann)	262,00
<input type="checkbox"/> 25363	Front wheel - SON hub dynamo, B+M IQ Cyo T Premium headlight, taillight with brake-light function - (not for use with Heinzmann)	645,00
<input type="checkbox"/> 26108	Motor - Heinzmann Direct Power	0,00
<b>Rear Wheels</b>		
<input type="checkbox"/> 24128	Rear wheel set - touring tyres	237,00
<input type="checkbox"/> 25364	Rear wheel set - 20-inch - <input type="checkbox"/> Puncture protection <input type="checkbox"/> Comfort <input type="checkbox"/> Cross	284,00
<b>Brakes</b>		
<input type="checkbox"/> 25365	Brakes - Avid BB7 - mechanical disc brakes - with parking-brake mechanism <input type="checkbox"/> standard brake lever - <input type="checkbox"/> children's brake lever	231,00
<input type="checkbox"/> 24130	Brakes - Tektro Auriga Tune - hydraulic disc brakes (with parking-brake mechanism) (not for use with high Lepus seatposition)	201,00
<input type="checkbox"/> 25094	Brakes - Avid - BB7 - coupled mechanical disc brakes - right lever actuates brakes on rear wheels - left lever, brake on front wheel	317,00
<input type="checkbox"/> 24131	Coupled brakes - hydraulic - right lever actuates hydraulic brakes on rear wheels - left lever, (with the handbike mounted on the seat) mechanical brake on front wheel	569,00
<input type="checkbox"/> 24132	Brakes - hydraulic coaster brake - Trike cannot be rolled backwards or be folded (not for use with Shimano Steps motor)	782,00
<input type="checkbox"/> 25355	Brake - hydraulic knee brakes with mechanical disc brake	760,00
<b>Seat</b>		
<input type="checkbox"/> 25034	Seat with 3D seat cover - color of seat stays black mattee	549,00
<input type="checkbox"/> 24134	XXL Seat - width and length + 2¼" (70mm) - with 3D seat cover - seat stays in schwarz matt	654,00
<input type="checkbox"/> 27505	Seat with Vario Comfort Seat cover	696,00
<input type="checkbox"/> 27506	XXL Seat - with Vario Comfort seat cover - width and length + 2¼" (70mm)	786,00
<b>Handlebar</b>		
<input type="checkbox"/> 25415	Handlebar grips - aluminum black anodized	41,00
<input type="checkbox"/> 25416	Handlebar Grips - XL - 4" (10 cm) longer	63,00
<input type="checkbox"/> 24625	Handlebar grips - extra extra long - extended - plus 15¼" (40 cm)	232,00
<input type="checkbox"/> 22480	Shoulder Steering Unit - adjustable steering ratio (limited frame folding function)	730,00
<input type="checkbox"/> 25366	One-hand operation for brakes and gear system - <input type="checkbox"/> left - <input type="checkbox"/> right	83,00
<b>Fender</b>		
<input type="checkbox"/> 25367	Fenders - front and rear, matt black - <input type="checkbox"/> rear width 2½" (53mm) - <input type="checkbox"/> rear width 2,68" (65mm)	157,00
<input type="checkbox"/> 25369	Fenders for frame suspension - front and rear, matte black <input type="checkbox"/> rear width 2½" (53 mm) <input type="checkbox"/> rear width 2½" (65mm)	221,00
<b>Lightingsystem</b>		
<input type="checkbox"/> 25897	Lighting system with hub dynamo	0,00
<input type="checkbox"/> 25926	Lighting system operated by motor battery - B+M headlight IQ-X 150LUX/ LED taillight with standlight (only as option with motor)	221,00
<input type="checkbox"/> 27498	Lighting system operated by motor battery for Bafang motor - B&M- Myc E, E-Bike-LED/ LED taillight with standlight (only as option with motor)	120,00
<input type="checkbox"/> 25890	Battery lighting kit - B+M - front Lumotec IQ Eyro - rear Toplight 2C Permanent	105,00
<b>Other options</b>		
<input type="checkbox"/> 24875	Trailer Kit - trailer function with overrun brake including heavy-duty Weber hitch with stand - no taillight with hub dynamo (not for use with high Lepus seatposition) (not usable with motors)	937,00



## TRIX ACCESSORIES

Art.No.	Item name	RRP
<b>Carrier accessories</b>		
<input type="checkbox"/> 25370	<b>Luggage bag - Ortlieb</b> - 42 liter, max. load 33 lb (15 kg) with QL1 System - black	383,00
<input type="checkbox"/> 27127	Seatback Bag for PINO and trikes	130,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch</b> (not for frames with suspension)	49,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left</b> - for TRIGO with above steering only (TRIGO UP)	150,00
<input type="checkbox"/> 22391	<b>Lowrider - (not for use with suspension forks or 16 inch forks)</b>	39,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 25610	<b>Special Pedals with flexible calf support, adjustable 2017</b> (not for TRIGO, TRIGO UP) - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52 - (fits TRETTS 2020 up to size 38) -Max. extension of calf support 46cm to top edge	342,00
<input type="checkbox"/> 25583	<b>Special pedals adjustable 2017</b> - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52	216,00
<input type="checkbox"/> 25377	<b>Pedals with Toe Clips and Straps, incl. elastic heel straps</b> - <input type="checkbox"/> left <input type="checkbox"/> right // <input type="checkbox"/> children <input type="checkbox"/> adults	39,00
<input type="checkbox"/> 26016	<b>Crank Shortener with angle compensation, black anodized</b> - universal for right or left side	87,00
<input type="checkbox"/> 26023	<b>Pendulum pedal with crank shortener with angle compensation</b> - <input type="checkbox"/> left <input type="checkbox"/> right	241,00
<input type="checkbox"/> 23989	<b>Leg Support - one-sided - left/right</b>	423,00
<input type="checkbox"/> 25378	<b>Pedal Axle Extenders - 1¼" (30mm)</b> - <input type="checkbox"/> left <input type="checkbox"/> right	29,00
<input type="checkbox"/> 26770	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes - square axis - adjustment range of 65 - 165mm - 32T chainring - for retrofitting	353,00
<input type="checkbox"/> 26774	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes with Shimano Steps - hollow tech axis - adjustment range of 65 - 165mm - for retrofitting	353,00
<b>Seat accessories</b>		
<input type="checkbox"/> 27365	<b>Vario Comfort seat cover</b> - including seat extensions	291,00
<input type="checkbox"/> 27369	<b>Wedge Cushions for the Vario Comfort Seat</b>	12,00
<input type="checkbox"/> 25443	<b>Rain cover</b> for all trike seats, also für XXI and TRIGO seat	39,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	99,00
<input type="checkbox"/> 25510	<b>Seat extension - 2¾" (80mm)</b> (for seat from April 2016)	19,00
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	221,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	95,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	34,00
<input type="checkbox"/> 22773	<b>Armrest-</b> can be used on the right or left side	297,00
<b>Other accessories</b>		
<input type="checkbox"/> 25874	<b>Trailer Kit for retrofitting - trailer function with overrun brake including heavy-duty Weber hitch with stand</b> - no taillight with hub dynamo (not for use with hydraulic brakes) (not for use with high LEPUS seatposition) (not for use with motors)	928,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch</b> KETTWIESEL, TRIX and LEPUS	59,00
<input type="checkbox"/> 25524	<b>Guide Bar</b> (not compatible with Headrest and Seatback Extension)	170,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	54,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	39,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	54,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	100,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	402,00
<input type="checkbox"/> 25873	<b>Frame Lock</b> incl. steel cable, with fork-mounting kit - (not with wheel cover)	150,00
<input type="checkbox"/> 26355	<b>Bracket for attaching a frame lock to the fork</b>	73,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	39,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within Germany	89,00
<input type="checkbox"/> 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETTS within EU	155,00

## TRETS TOPSELLER

Topsellers are bikes with a fixed configuration. Topsellers are available with an attractive price advantage compared to equally equipped Custom-Bikes .  
All accessories from page 20 can be ordered on top. The equipment and colour is unchangeable

Art.No.	Item name	RRP
<b>Trets</b>		
<input type="checkbox"/> 26300	<b>TRETS - yellow green RAL 6018</b> - aluminum frame - seat hight 13-17in. (33-43cm) - Kenda 58-406mm tires with reflective sidewalls and puncture protection - spoke protectors - Cover for brakedisc and wheel - 5- point harness - aluminum crankset 115 mm 32-tooth - 8-speed Nexus rear derailleur - SKS fenders matte black - aluminum rims -Battery lighting kit- front Spanninga Axendo, rear Sanninga Elips - Children's Pedals with Toe Clips and Straps , incl. elastic heel straps - non telescopic safety flag - <b>Medical-aid number (in Germany): 22.51.02.0062</b>	4931,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETS within Germany	89,00
<input type="checkbox"/> 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETS within EU	155,00

matching accessories on page 18

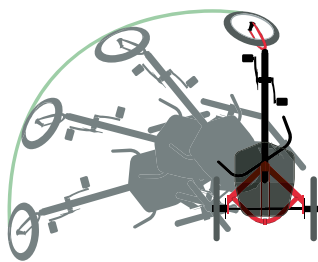
## TRETS CUSTOMIZED AND ACCESSORIES

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 26414	<b>TRETS basic item</b> incl. wheels, mudguards and battery lights - <b>Medical-aid number (in Germany): 22.51.02.0062</b>	3771,00
<b>Shifting System</b>		
<input type="checkbox"/> 27018	<b>Gear system - Shimano - Nexus</b> - 8-speed gear hub - long twist shifter for Trets 2021	551,00
<input type="checkbox"/> 26408	<b>8 gear Shimano Nexus hub with integrated switchable HASE BIKES fixed gear</b> - for Trets	836,00
<b>Crankset</b>		
<input type="checkbox"/> 27019	<b>Crankset - 115 mm - 32 T - for TRETS 2020</b>	137,00
<input type="checkbox"/> 26409	<b>Crankset - 140 mm - 32 T</b>	147,00
<b>Brakes</b>		
<input type="checkbox"/> 27020	<b>Brakes - Avid BB7 - mechanical disc brake - for TRETS 2020</b>	233,00
<input type="checkbox"/> 26412	<b>Coupled brakes</b> - with mechanical brake as a second independent brakesystem	571,00
<input type="checkbox"/> 25355	<b>Brake - hydraulic knee brakes with mechanical disc brake</b>	760,00
<b>Handlebar</b>		
<input type="checkbox"/> 27017	<b>Under seat steering for Trets 2020</b>	312,00
<input type="checkbox"/> 26399	Above-seat steering for Trets 2020	328,00
<b>Carrier accessories</b>		
<input type="checkbox"/> 26084	<b>Basket Mount RACKTIME</b> - for TRIGO, TRIGO UP and TRETS	139,00
<input type="checkbox"/> 25866	<b>Basket - BASKIT</b> large black - max. load 22 lb (10 kg)	59,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch</b> (not for frames with suspension)	49,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 25610	<b>Special Pedals with flexible calf support, adjustable 2017</b> (not for TRIGO, TRIGO UP) - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52 - (fits TRETS 2020 up to size 38) -Max. extension of calf support 46cm to top edge	342,00
<input type="checkbox"/> 25583	<b>Special pedals adjustable 2017</b> - <input type="checkbox"/> left <input type="checkbox"/> right - for shoe sizes from US kids' 1/UK kids' 13/EU 32 to US men's 16/UK men's 15.5/EU 52	216,00
<input type="checkbox"/> 25377	<b>Pedals with Toe Clips and Straps, incl. elastic heel straps</b> - <input type="checkbox"/> left <input type="checkbox"/> right // <input type="checkbox"/> children <input type="checkbox"/> adults	39,00
<input type="checkbox"/> 26016	<b>Crank Shortener with angle compensation, black anodized</b> - universal for right or left side	87,00
<input type="checkbox"/> 26023	<b>Pendulum pedal with crank shortener with angle compensation</b> - <input type="checkbox"/> left <input type="checkbox"/> right	241,00
<b>Seat accessories</b>		
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	221,00
<input type="checkbox"/> 25443	<b>Rain cover</b> for all trike seats, also für XXI and TRIGO seat	39,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<b>Other accessories</b>		
<input type="checkbox"/> 25989	<b>Weber hitch B "heavy duty" for Trailer Option</b> ( not for the PINO)	176,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	54,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	39,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	100,00
<input type="checkbox"/> 26328	<b>Guide Bar with steering function for accompanying person - for TRETS and TRIGO - incl. brake rocket for additional brake lever</b> - (not compatible with the basket) - (no steering function in combination with the up steering)	271,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	39,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETS within Germany	89,00
<input type="checkbox"/> 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETS within EU	155,00

# FREEDOM ON THREE WHEELS: DELTA TRIKES.

HASE BIKES only builds delta trikes. We're convinced that it's the best trike design. Deltas have two wheels in back, and one wheel in front that does the steering. The recumbent seat is positioned in the rear third of the trike between the front and rear axles. This design not only ensures exceptional stability and good traction, but also offers many other advantages:

## SMALL TURNING RADIUS



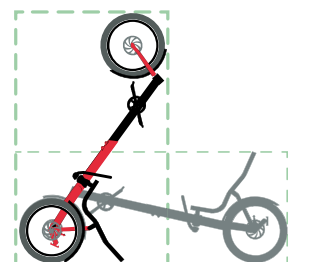
> Thanks to its geometry, a delta trike can turn on a dime – which can also be helpful when parking.

## GET INTO THE SEAT COMFORTABLY



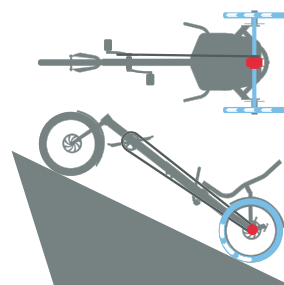
> When your delta trike is parked on level ground, you can sit down easily on the seat between the rear wheels.

## UPRIGHT PARKING



> Upright parking allowed! A delta trike can be parked with its front wheel in the air, which saves space indoors and is a real eye-catcher outdoors.

## TWO-WHEEL DRIVE? NO PROBLEM!



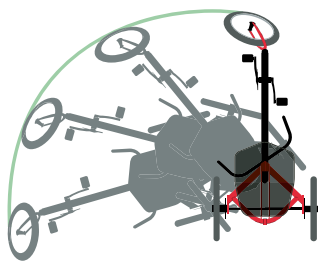
> With a delta trike, most of the weight rests on the rear axle, which translates into good traction for the rear wheels. If you add a Differential, which transfers the power to both rear wheels, it's even easier to power up steep hills – regardless of the road surface.

> Optimal uphill option: a Shimano Steps mid-motor!

# FREEDOM ON THREE WHEELS: DELTA TRIKES.

HASE BIKES only builds delta trikes. We're convinced that it's the best trike design. Deltas have two wheels in back, and one wheel in front that does the steering. The recumbent seat is positioned in the rear third of the trike between the front and rear axles. This design not only ensures exceptional stability and good traction, but also offers many other advantages:

## SMALL TURNING RADIUS



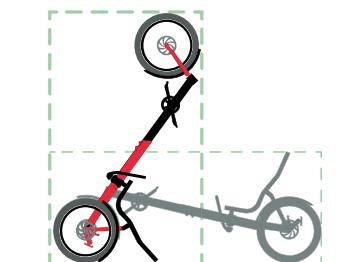
> Thanks to its geometry, a delta trike can turn on a dime – which can also be helpful when parking.

## GET INTO THE SEAT COMFORTABLY



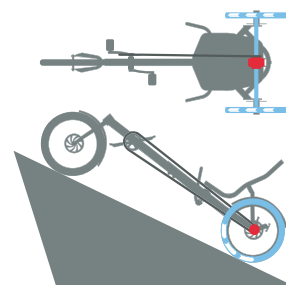
> When your delta trike is parked on level ground, you can sit down easily on the seat between the rear wheels.

## UPRIGHT PARKING



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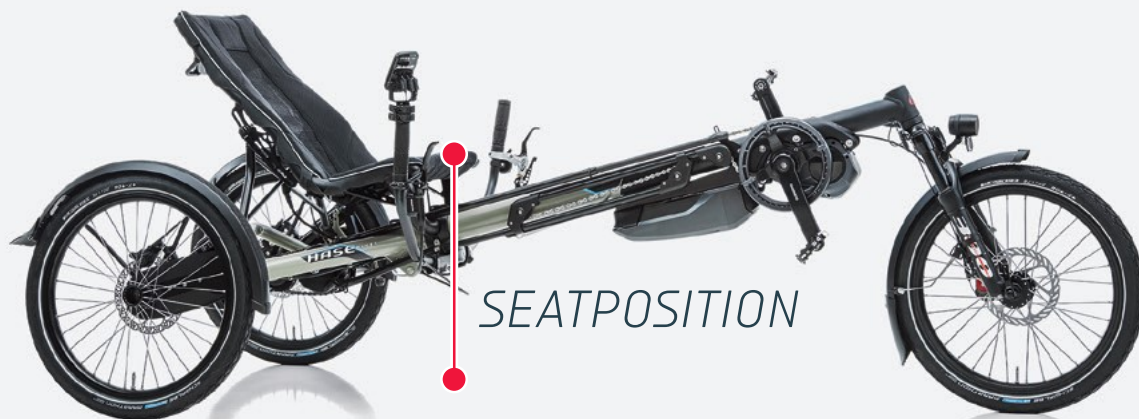
## TWO-WHEEL DRIVE? NO PROBLEM!



> With a delta trike, most of the weight rests on the rear axle, which translates into good traction for the rear wheels. If you add a Differential, which transfers the power to both rear wheels, it's even easier to power up steep hills – regardless of the road surface.

> Optimal uphill option: a Shimano Steps mid-motor!

## LOW AND SPORTY



**18,1 inch 46 cm**

Without suspension

**19,7 inch 50 cm**

Suspension in high position

**22,0 inch 56 cm**

Suspension in low position

## HIGH AND COMFORTABLE



**20,5 inch 52 cm**

Without suspension

**22,4 inch 57 cm**

Suspension in high position

**24,8 inch 63 cm**

Suspension in low position