

# PRICE LIST 2023

NEW



GRAVIT DUST



GRAVIT CITY E



## GRAVIT 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 2 can be ordered on top. The equipment and colour is unchangeable

Art.No.	Item name	RRP
<b>GRAVIT TOPSELLER</b>		
<input type="checkbox"/> 27980	<b>GRAVIT DUST</b> - Candy Purple metallic - Dropbar - derailleur Shimano Deore 11speed - cassette Sunrace 11speed 11-50 T - mech. discbrakes - design tyres - suspension fork Spinner 300	3854,00
<input type="checkbox"/> 27970	<b>GRAVIT CITY E</b> - pearl white - Shimano Steps Motor E6100 - 504 Wh battery - Flat Bar - derailleur Shimano Deore 11-fach - cassette Sunrace 11speed 11-50T - shifter thumb trigger mit Ergo grips - hydr. discbrakes - suspension fork Spinner 300 - touring tyres - lighting system supplied by motor battery: B+M IQ-X - fenders SKS - rear carrier Atran Velo incl. rear light	6091,00
<b>Cargo Accessories</b>		
<input type="checkbox"/> 28075	<b>GRAVIT Fabric Box</b> - available from November 2023 - dimensionally stable bag, made of waterproof fabric, 120 liters, white	325,00
<input type="checkbox"/> 28082	<b>Child seat for GRAVIT Fabric Box</b>	90,00
<input type="checkbox"/> 26574	<b>Lowrider - HASE BIKES</b> - carrier for 4 bike panniers - 16mm CroMo tubes - black - max. load 55lb (25kg)	207,00
<input type="checkbox"/> 27189	<b>PORTER RACK 2021</b> - cargo rack - up to 88lb (40kg)	497,00
<input type="checkbox"/> 26868	<b>Bag for cargo rack - HASE BIKES - PORTER RACK BAG</b> - max. 80l	233,00
<b>Kickstand</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)	314,00
<b>Other Accessories</b>		
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 26556	<b>Hitch Mount - HASE BIKES</b> - for mounting a Weber hitch	33,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	40,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21945	<b>PINO / GRAVIT within Germany</b>	82,00
<input type="checkbox"/> 21979	<b>PINO / GRAVIT within EU</b>	144,00

## GRAVIT CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 27960	<b>GRAVIT DUST Custom</b> - basic item- drop bar - derailleur Shimano Deore 11-speed - cassette Sunrace 11speed 11-50 T - mechan. discbrakes - Kross Pedals - golden chain	3650,00
<input type="checkbox"/> 27950	<b>GRAVIT CITY Custom</b> - basic item - flat bar - derailleur Shimano Deore 11-speed - sunrace 11-speed cassette - thumb trigger shifter - hydraulic discbrakes	2634,00
<input type="checkbox"/> 28040	<b>GRAVIT CITY ROHLOFF Custom</b> - basic item - flat bar - Rohloff 14speed - hydraulic discbrakes	4423,00
<b>Colour</b>		
<input type="checkbox"/> 26478	<b>Paint colour</b> <input type="checkbox"/> Pearl White <input type="checkbox"/> Blue Metallic	0,00
<input type="checkbox"/> 27480	<b>Paint colour</b> - Dormant Orange	198,00
<input type="checkbox"/> 27957	<b>Paint colour</b> - candy purple metallic	198,00
<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)	198,00
<b>Motor</b>		
<input type="checkbox"/> 27953	<b>GRAVIT pedal drive without motor</b>	294,00
<input type="checkbox"/> 27951	<b>GRAVIT E Shimano Steps 6100</b> - chainring 44T - battery 504Wh - charger 4A	3254,00
<b>Tyres</b>		
<input type="checkbox"/> 25387	<b>Tires - Touring tyres - front and rear</b>	57,00
<input type="checkbox"/> 25388	<b>Tires - Puncture protection - front and rear</b>	68,00
<input type="checkbox"/> 28044	<b>Tires - Design tires "tan-wall" - front and rear</b>	71,00
<b>Front Wheel</b>		
<input type="checkbox"/> 26517	<b>Front wheel 20"</b> - Thru axle	201,00
<input type="checkbox"/> 28039	<b>Front wheel 20 inch - Shutter hub dynamo + LED lighting system</b> (rear carrier and mudguard has to be chosen)	523,00
<b>Lightingsystem</b>		
<input type="checkbox"/> 25897	<b>Lighting system with hub dynamo</b>	0,00
<input type="checkbox"/> 28041	<b>lighting system - powered by motor battery</b> - (rear carrier must be chosen)	243,00
<b>Other options</b>		
<input type="checkbox"/> 26602	<b>Rear rack Atran Velo</b> - max load 55lb (25kg) - with integrated taillight	63,00
<b>Fender</b>		
<input type="checkbox"/> 28155	<b>Fenders - SKS</b> - width 2 1/8" (53 mm), 20" + 26" matt black	87,00
<b>Other options</b>		
<input type="checkbox"/> 26572	<b>Seatpost - rigid</b>	63,00
<input type="checkbox"/> 26644	<b>Seatpost adjustable in height</b> - operating lever at handle bar for	317,00
<input type="checkbox"/> 26642	<b>Seatpost - suspended - for PINO 2021</b>	213,00
<b>Cargo accessories</b>		
<input type="checkbox"/> 28075	<b>GRAVIT Fabric Box</b> - <b>available from November 2023</b> - dimensionally stable bag, made of waterproof fabric, 120 liters, white	325,00
<input type="checkbox"/> 28082	<b>Child seat for GRAVIT Fabric Box</b>	90,00
<input type="checkbox"/> 26574	<b>Lowrider - HASE BIKES</b> - carrier for 4 bike panniers - 16mm CroMo tubes - black - max. load 55lb (25kg)	207,00
<input type="checkbox"/> 27189	<b>PORTER RACK 2021</b> - cargo rack - up to 88lb (40kg)	497,00
<input type="checkbox"/> 26868	<b>Bag for cargo rack - HASE BIKES - PORTER RACK BAG</b> - max. 80l	233,00
<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)	314,00
<b>Other accessories</b>		
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 26556	<b>Hitch Mount - HASE BIKES</b> - for mounting a Weber hitch	33,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	40,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21945	<b>PINO / GRAVIT within Germany</b>	82,00
<input type="checkbox"/> 21979	<b>PINO / GRAVIT within EU</b>	144,00

## TRIGO / TRIGO UP

Art.No.	Item name	RRP
<b>TOPSELLER</b>		
<input type="checkbox"/> 28200	<b>TRIGO UP E - Colour: Light Ivory / Jet Black</b> - above seat steering - seat height 23"-26¼" (58.5-66.5cm) - motor Shimano Steps E5000 - differential - 8-speed internal gear hub - twist shifter - aluminum frame and fork - rear tyres Schwalbe Big Apple - fenders SKS - mechanical discbrakes - parking brake - lightingsystem powered by motor battery - rearview mirror - basket mount RACKTIME - basket BASKIT	6091,00
<input type="checkbox"/> 28300	<b>TRIGO E Topseller - colour: carmine red / black - underseat steering</b> - seat height 58.5-66.5cm - 8-speed Nexus hub gears - Shimano Steps E5000 motor - differential - Kenda 58-406mm tyres with reflective strips and puncture protection - SKS mudguards - mech. disc brakes - parking brake lever - lights powered by motor battery	5786,00
<b>Basic model</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	3091,00
<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	3294,00
<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)	2532,00
<input type="checkbox"/> 25699	<b>Differential for retrofitting to the TRIGO</b> both rear wheels are driven	447,00
<input type="checkbox"/> 27215	<b>8 gear Shimano Nexus hub with integrated switchable HASE BIKES fixed gear - for TRIGO</b> - ( only for TRIGO Nexus and TRIGO UP with mounted accessories)	383,00
<b>Fender accessories</b>		
<input type="checkbox"/> 25848	<b>Fenders kit</b> for TRIGO and TRIGO UP	153,00
<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)	50,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left</b> - not with high seat position - for TRIGO with above steering only (TRIGO UP)	152,00
<input type="checkbox"/> 27127	<b>Seatback Bag for PINO and trikes</b> - (not with headrest on the Pino)	162,00
<input type="checkbox"/> 26084	<b>Basket Mount RACKTIME</b> - for TRIGO, TRIGO UP and TRETTS	140,00
<input type="checkbox"/> 25866	<b>Basket - BASKIT</b> large black - max. load 22 lb (10 kg)	60,00
<input type="checkbox"/> 26595	<b>ROLLER BAG for ROLLER RACK</b> with telescopic handle, waterproof - 70l	294,00
<input type="checkbox"/> 27456	<b>Wheeled rack - HASE BIKES - ROLLER RACK</b> with telescopic handle max. load 33 lb (25 kg)	397,00
<b>Foldable Fairing accessories</b>		
<input type="checkbox"/> 25883	<b>KLIMAX foldable Fairing - HASE BIKES - red</b> - for HASE BIKES trikes (not usable for TRETTS and TRIGO UP)	491,00
<input type="checkbox"/> 25886	<b>Rain Poncho - Hase Bikes</b> (not for use with Turn-Signal System)	223,00
<input type="checkbox"/> 25913	<b>Smartphone mounting bracket for foldable fairing</b>	53,00

## TRIGO / TRIGO UP

Art.No.	Item name	RRP
<b>Pedals accessories</b>		
<input type="checkbox"/> 27160	<b>Special Pedals with flexible calf support, adjustable 2021</b> (more ground clearance, also for TRIGO, TRIGO UP, TRETTS) - <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 - max. extension of calf support 46cm to top edge	345,00
<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	218,00
<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	40,00
<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	243,00
<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"/> 27968	<b>Vario Comfort seat cover</b> - for TRIGO	294,00
<input type="checkbox"/> 27369	<b>Wedge Cushions for the Vario Comfort Seat</b>	12,00
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	223,00
<input type="checkbox"/> 25443	<b>Rain cover</b> for all trike seats, also für XXI and TRIGO seat (not with Vario seat on XXL seat)	40,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	96,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	35,00
<b>Other accessories</b>		
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	55,00
<input type="checkbox"/> 25908	<b>Chain guard</b> for TRIGO with chain gear system	35,00
<input type="checkbox"/> 25560	<b>Tandem Hitch</b> models with hub dynamo require a battery-powered taillight when used as trailer	136,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch</b> KETTWIESEL, TRIX and LEPUS	60,00
<input type="checkbox"/> 25851	<b>TRIGO Extension Kit</b> for riders 6'5" to 7'1" (1.95m-2.15m) in height	121,00
<input type="checkbox"/> 25873	<b>Frame Lock</b> incl. steel cable, with fork-mounting kit - (not with wheel cover)	152,00
<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>	101,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	55,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	406,00
<input type="checkbox"/> 24250	<b>Wheel cover (2 pairs) - canvas with reflective print - 20-inch - ( with suspension only outside)</b>	147,00
<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)	274,00
<input type="checkbox"/> 26166	<b>Retrofit kit coupled brakes</b> - for TRIGO	457,00
<input type="checkbox"/> 23490	Bracket for one-hand operation to retrofit	52,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	40,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 25898	<b>TRIGO within Germany - compact</b>	36,00
<input type="checkbox"/> 25945	<b>shipping TRIGO partly assembled within Germany</b> - specialcycle build in Germany	75,00
<input type="checkbox"/> 25899	<b>shipping TRIGO within EU - compact</b>	75,00
<input type="checkbox"/> 25947	<b>shipping TRIGO partly assembled within the EU</b>	132,00

## 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 8 and 9 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	4728,00
□ 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	10087,00
□ 27921	<b>KETTWIESEL CROSS STEPS 504 - yellow mat - full suspension - foldable</b> - seat height 20" (50cm) - Shimano Steps pedelec motor EP8 - 504Wh 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	10727,00

<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	6457,00
□ 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	10148,00
□ 27376	<b>LEPUS E - 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 155mm 44Z - quick frame adjustment - light via motor battery: Headlight: B+M IQ-X + B&M Toplight 2C plus	10056,00

<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	8592,00

<b>Shipping Costs</b>		
□ 21944	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETs within Germany	89,00
□ 21978	<b>Freight costs</b> for KETTWIESEL / LEPUS / TRIX / TRETs within EU	157,00

matching accessories on page 8 + 9

## KETTWIESEL / LEPUS CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 25349	<b>KETTWIESEL/LEPUS basic item - foldable frame</b>	1591,00
<b>Seat Hight</b>		
<input type="checkbox"/> 25344	<b>Low and sporty seatposition</b>	299,00
<input type="checkbox"/> 25329	<b>High and comfortable seatposition</b> - (not for use with 11seed chain gear and trailerset)	417,00
<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	0,00
<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)	198,00
<b>Motor</b>		
<input type="checkbox"/> 25086	<b>Standard front boom - without motor</b>	243,00
<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)	2735,00
<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)	3569,00
<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)	2847,00
<input type="checkbox"/> 25354	<b>Motor - Heinzmann - Directpower (20inch fork / front wheel only)</b> - 14,25Ah lithium-ion battery, including mount and charger, incl. front wheel	4423,00
<b>Battery and charger</b>		
<input type="checkbox"/> 28113	<b>Two Batteries</b> Shimano Steps 36 V, 14 Ah, 504 Wh and one battery charger 4A	1007,00
<input type="checkbox"/> 26191	<b>Battery Shimano Steps 36 V, 14 Ah, 504 Wh and battery charger 4A</b>	803,00
<input type="checkbox"/> 26759	<b>Battery Shimano Steps 36V, 630Wh - Battery charger 4A</b>	1007,00
<input type="checkbox"/> 27375	<b>Battery for Bafang - 36 V, 17,5Ah, 630Wh + battery charger</b>	788,00
<b>Fork</b>		
<input type="checkbox"/> 25352	<b>Rigid fork - 20-inch</b> - in frame color	243,00
<input type="checkbox"/> 25353	<b>Rigid fork - 16-inch</b> - in frame color	253,00
<input type="checkbox"/> 26383	<b>Suspension fork Trike Spinner 300</b> - 20-inch	284,00
<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)	1012,00
<b>Shifting System</b>		
<input type="checkbox"/> 25403	<b>Gear system - HASE BIKES - Linear - 9-speed rear derailleur - Microshift bar end shifter</b>	483,00
<input type="checkbox"/> 25284	<b>Gear system - HASE BIKES - Linear - 11-speed rear derailleur</b> (not for use with LEPUS seatposition)	702,00
<input type="checkbox"/> 25051	<b>Gear system - Shimano - Nexus - 8-speed gear hub - long twist shifter</b> (not for use with Shimano Steps motor)	528,00
<input type="checkbox"/> 25053	<b>Gear system - Shimano - Nexus - 8-speed gear hub - HASE BIKES bar-end shifters</b> (motor power is reduced to 50Nm)	620,00
<input type="checkbox"/> 25106	<b>Gear system - Rohloff - 14-speed gear hub</b>	1962,00
<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, motor power is reduced to 50Nm)	924,00
<input type="checkbox"/> 26415	<b>Shimano Nexus Premium fixed gear 8 - incl. freewheel brake</b>	1118,00
	<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)	162,00
<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)	162,00
<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)	162,00
<input type="checkbox"/> 24728	<b>Crankset 115mm - 32-tooth</b> (not for use with Shimano Steps)	162,00
<input type="checkbox"/> 27377	<b>Bafang crank ISIS black 155MM</b>	40,00
<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)	544,00
<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)	763,00
<input type="checkbox"/> 26776	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes - square axis - adjustment range of 65 - 165mm, 32T chainring	356,00
<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	356,00
<b>Drive Train</b>		
<input type="checkbox"/> 25475	<b>Single-wheel drive</b> - without Differential	244,00
<input type="checkbox"/> 25360	<b>Drive system - HASE BIKES - Differential</b> - both rear wheels are driven	681,00
<b>Front Wheel</b>		
<input type="checkbox"/> 25361	<b>Front wheel with touring tire</b> (not for use with Heinzmann)	136,00
<input type="checkbox"/> 25209	<b>Front wheel - lugged tyres</b> (not for use with Heinzmann or hub dynamos)	159,00
<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)	264,00
<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)	651,00
<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>	239,00
<input type="checkbox"/> 25364	<b>Rear wheel set - 20-inch - <input type="checkbox"/> Puncture protection <input type="checkbox"/> Comfort <input type="checkbox"/> Cross</b>	287,00
<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	233,00
<input type="checkbox"/> 24130	<b>Brakes - Tektro Auriga Tune - hydraulic disc brakes</b> (with parking-brake mechanism) (not for use with high Lepus seatposition)	202,00
<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	319,00
<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	573,00
<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)	788,00
<input type="checkbox"/> 25355	<b>Brake - hydraulic knee brakes with mechanical disc brake</b>	767,00
<input type="checkbox"/> 24783	<b>Brakes - Avid - BB7 - additional mechanical disc brake with parking-brake mechanism on front wheel - lever on seat</b>	213,00
<b>Seat</b>		
<input type="checkbox"/> 25034	<b>Seat with 3D seat cover - color of seat stays black mattee</b>	553,00
<input type="checkbox"/> 24134	<b>XXL Seat - width and length + 2¾" (70mm)</b> - with 3D seat cover - seat stays in schwartz matt	660,00
<input type="checkbox"/> 27505	<b>Seat with Vario Comfort Seat cover</b>	702,00
<input type="checkbox"/> 27506	<b>XXL Seat - with Vario Comfort seat cover</b> - width and length + 2¾" (70mm)	792,00

## KETTWIESEL / LEPUS CUSTOMIZED & ACCESSORIES

Art.No.	Item name	RRP
<b>Handlebar</b>		
<input type="checkbox"/> 25415	<b>Handlebar grips - aluminum black anodized</b>	42,00
<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>	234,00
<input type="checkbox"/> 22480	<b>Shoulder Steering Unit - adjustable steering ratio (limited frame folding function)</b>	736,00
<input type="checkbox"/> 25366	<b>One-hand operation for brakes and gear system - <input type="checkbox"/> left - <input type="checkbox"/> right (only with XL handlebar)</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>	159,00
<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>	223,00
<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>	223,00
<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>	121,00
<input type="checkbox"/> 25890	<b>Battery lighting kit - B+M - front Lumotec IQ Eyro - rear Toplight 2C Permanent</b>	106,00
<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>	945,00
<b>Lighting accessories</b>		
<input type="checkbox"/> 25943	<b>Battery lighting kit- B&amp;M - front Lumotec IQ Eyro - rear Toplight 2C permanent</b>	76,00
<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>	386,00
<input type="checkbox"/> 27127	<b>Seatback Bag for PINO and trikes - (not with headrest on the Pino)</b>	162,00
<input type="checkbox"/> 27456	<b>Wheeled rack - HASE BIKES - ROLLER RACK with telescopic handle max. load 33 lb (25 kg)</b>	397,00
<input type="checkbox"/> 26595	<b>ROLLER BAG for ROLLER RACK with telescopic handle, waterproof - 70l</b>	294,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch (not for frames with suspension)</b>	50,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left - not with high seat position - for TRIGO with above steering only (TRIGO UP)</b>	152,00
<input type="checkbox"/> 22391	<b>Lowrider - (not for use with suspension forks or 16 inch forks)</b>	40,00
<b>Foldable Fairing accessories</b>		
<input type="checkbox"/> 25883	<b>KLIMAX foldable Fairing - HASE BIKES - red - for HASE BIKES trikes (not usable for TRETTS and TRIGO UP)</b>	491,00
<input type="checkbox"/> 25886	<b>Rain Poncho - Hase Bikes (not for use with Turn-Signal System)</b>	223,00
<input type="checkbox"/> 25913	<b>Smartphone mounting bracket for foldable fairing</b>	53,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 25610	<b>Special Pedal 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>	345,00
<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>	218,00
<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>	40,00
<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>	243,00
<input type="checkbox"/> 23989	<b>Leg Support - one-sided - left/right</b>	426,00
<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>	356,00
<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>	356,00

## 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	294,00
<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 (not with Vario seat on XXL seat)	40,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	100,00
<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>	223,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	96,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	35,00
<input type="checkbox"/> 22773	<b>Armrest-</b> can be used on the right or left side	300,00
<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	136,00
<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)	935,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch</b> KETTWIESEL, TRIX and LEPUS	60,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	55,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	55,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	101,00
<input type="checkbox"/> 24250	<b>Wheel cover (2 pairs) - canvas with reflective print - 20-inch - ( with suspension only outside)</b>	147,00
<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	198,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	406,00
<input type="checkbox"/> 25524	<b>Guide Bar</b> (not compatible with Seatback Extension)	172,00
<input type="checkbox"/> 25873	<b>Frame Lock</b> incl. steel cable, with fork-mounting kit - (not with wheel cover)	152,00
<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	40,00
<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	157,00

## 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>	3182,00
<b>Seat Hight</b>		
<input type="checkbox"/> 25344	<b>Low and sporty seatposition</b>	299,00
<input type="checkbox"/> 25329	<b>High and comfortable seatposition</b> - (not for use with 11seed chain gear and trailerset)	417,00
<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	0,00
<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)	198,00
<b>Motor</b>		
<input type="checkbox"/> 25733	<b>Handbike without motor</b>	0,00
<input type="checkbox"/> 25354	<b>Motor - Heinzmann - Directpower (20inch fork / front wheel only)</b> - 14,25Ah lithium-ion battery, including mount and charger, incl. front wheel	4423,00
<b>Fork</b>		
<input type="checkbox"/> 25352	<b>Rigid fork - 20-inch</b> - in frame color	243,00
<input type="checkbox"/> 25353	<b>Rigid fork - 16-inch</b> - in frame color	253,00
<input type="checkbox"/> 26383	<b>Suspension fork Trike Spinner 300</b> - 20-inch	284,00
<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)	1012,00
<b>Shifting System</b>		
<input type="checkbox"/> 25107	<b>Gear system - Shimano - Nexus - 8-speed gear hub - twist shift long - including Mountain Drive</b>	2227,00
<input type="checkbox"/> 25108	<b>Gear system - Rohloff - 14-speed gear hub - without Mountain Drive</b>	2500,00
<b>Crankset</b>		
<input type="checkbox"/> 24137	<b>Hand crankset - 174 mm</b>	201,00
<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)	201,00
<b>Drive Train</b>		
<input type="checkbox"/> 25475	<b>Single-wheel drive</b> - without Differential	244,00
<input type="checkbox"/> 25360	<b>Drive system - HASE BIKES - Differential</b> - both rear wheels are driven	681,00
<b>Front Wheel</b>		
<input type="checkbox"/> 25361	<b>Front wheel with touring tire</b> (not for use with Heinzmann)	136,00
<input type="checkbox"/> 25209	<b>Front wheel - lugged tyres</b> (not for use with Heinzmann or hub dynamos)	159,00
<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)	264,00
<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)	651,00
<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>	239,00
<input type="checkbox"/> 25364	<b>Rear wheel set - 20-inch</b> - <input type="checkbox"/> Puncture protection <input type="checkbox"/> Comfort <input type="checkbox"/> Cross	287,00
<b>Brakes</b>		
<input type="checkbox"/> 24308	<b>Brakes - Tektro - Auriga - hydraulic disc brakes</b>	295,00
<input type="checkbox"/> 24783	<b>Brakes - Avid - BB7 - additional mechanical disc brake with parking-brake mechanism on front wheel - lever on seat</b>	213,00
<input type="checkbox"/> 26164	<b>handbike and TRETs 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 TRETs, the left rear wheel	528,00
<b>Seat</b>		
<input type="checkbox"/> 25034	<b>Seat with 3D seat cover - color of seat stays black mattee</b>	553,00
<input type="checkbox"/> 24134	<b>XXL Seat - width and length + 2¾" (70mm)</b> - with 3D seat cover - seat stays in schwartz matt	660,00
<input type="checkbox"/> 27505	<b>Seat with Vario Comfort Seat cover</b>	702,00
<input type="checkbox"/> 27506	<b>XXL Seat - with Vario Comfort seat cover</b> - width and length + 2¾" (70mm)	792,00

## 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>	159,00
<input type="checkbox"/> 25369	<b>Fenders for frame suspension - front and rear, matte black</b> <input type="checkbox"/> rear width 2 1/8" (53 mm) <input type="checkbox"/> rear width 2 3/8" (65mm)	223,00
<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>	223,00
<input type="checkbox"/> 25890	<b>Battery lighting kit - B+M - front Lumotec IQ Eyro - rear Toplight 2C Permanent</b>	106,00
<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>	386,00
<input type="checkbox"/> 27127	<b>Seatback Bag for PINO and trikes - (not with headrest on the Pino)</b>	162,00
<input type="checkbox"/> 27456	<b>Wheeled rack - HASE BIKES - ROLLER RACK with telescopic handle max. load 33 lb (25 kg)</b>	397,00
<input type="checkbox"/> 26595	<b>ROLLER BAG for ROLLER RACK with telescopic handle, waterproof - 70l</b>	294,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch (not for frames with suspension)</b>	50,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left - not with high seat position - for TRIGO with above steering only (TRIGO UP)</b>	152,00
<input type="checkbox"/> 22391	<b>Lowrider - (not for use with suspension forks or 16 inch forks)</b>	40,00
<b>Seat accessories</b>		
<input type="checkbox"/> 27365	<b>Vario Comfort seat cover - including seat extensions</b>	294,00
<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 (not with Vario seat on XXL seat)</b>	40,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	100,00
<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>	223,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle as 5-points harness (shoulder pads not included)</b>	96,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair) for harness system - adjustable</b>	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	35,00
<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>	136,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch KETTWIESEL, TRIX and LEPUS</b>	60,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	55,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories - speedometer/GPS/light</b>	55,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	101,00
<input type="checkbox"/> 24250	<b>Wheel cover (2 pairs) - canvas with reflective print - 20-inch - ( with suspension only outside)</b>	147,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	406,00
<input type="checkbox"/> 25873	<b>Frame Lock incl. steel cable, with fork-mounting kit - (not with wheel cover)</b>	152,00
<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>	40,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21944	<b>Freight costs for KETTWIESEL / LEPUS / TRIX / TRETTS within Germany</b>	89,00
<input type="checkbox"/> 21978	<b>Freight costs for KETTWIESEL / LEPUS / TRIX / TRETTS within EU</b>	157,00

## 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 14 can be ordered on top. The equipment and colour is unchangeable

Art.No.	Item name	RRP
<b>Pino 2021</b>		
<input type="checkbox"/> 27922	<b>PINO CARGO - Dormant Orange</b> - Shimano Steps Motor EP8 - 504Wh 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 Tubus Logo - HASE BIKES Couble Kickstand - standard seat post - PORTER RACK - PORTER BAG	12029,00
<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	10117,00
<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	8490,00
<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	6558,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21945	<b>PINO / GRAVIT within Germany</b>	82,00
<input type="checkbox"/> 21979	<b>PINO / GRAVIT within EU</b>	144,00

matching accessories on page 14

## PINO 2021 CUSTOMIZED

Art.No.	Item name	RRP
<b>Frame</b>		
<input type="checkbox"/> 26519	<b>PINO Custom - basic item</b>	4118,00
<input type="checkbox"/> 26477	<b>PINO Steps Custom - E6100 - basic item</b>	7199,00
<input type="checkbox"/> 26639	<b>PINO Steps Custom - EP8 - basic item</b> , smaller, lighter, with 85Nm engine torque	7677,00
<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)	198,00
<input type="checkbox"/> 27480	<b>Paint colour</b> - Dormant Orange	198,00
<b>Battery and charger</b>		
<input type="checkbox"/> 28113	<b>Two Batteries</b> Shimano Steps 36 V, 14 Ah, 504 Wh and one battery charger 4A	1007,00
<input type="checkbox"/> 26191	<b>Battery Shimano Steps 36 V, 14 Ah, 504 Wh and battery charger 4A</b>	803,00
<input type="checkbox"/> 26759	<b>Battery Shimano Steps 36V, 630Wh - Battery charger 4A</b>	1007,00
<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)	629,00
<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>	579,00
<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)	1007,00
<input type="checkbox"/> 25807	<b>Internal gear hub Rohloff I4-speed</b> (please choose at the rear wheel section)	0,00
<b>Crankset</b>		
<input type="checkbox"/> 25385	<b>Crankset front - 165 mm</b>	159,00
<input type="checkbox"/> 25386	<b>Crankset front - <input type="checkbox"/> 155mm <input type="checkbox"/> 140mm <input type="checkbox"/> 115mm</b>	190,00
<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	356,00
<input type="checkbox"/> 27200	<b>Hand-Crank Assembly PINO2021-</b> black - included led support and seat extension	1576,00
<b>Tyres</b>		
<input type="checkbox"/> 25387	<b>Tires - Touring tyres - front and rear</b>	57,00
<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"</b> - Thru axle	201,00
<input type="checkbox"/> 26530	<b>Front wheel 20" PINO with Shutter hub dynamo</b> - LED headlight and LED taillight	522,00
<input type="checkbox"/> 26516	<b>Front wheel - 20 inch - for PINO 2021 - SON hub dynamo - LED headlight - LED taillight</b>	681,00
<b>Rear Wheels</b>		
<input type="checkbox"/> 26449	<b>Rear wheel 26" PINO</b> - thru axle	367,00
<input type="checkbox"/> 26455	<b>Rear Wheel - Rohloff 14-speed PINO</b> - 26 inch - compatible for 12mm thru axle frame	2125,00
<b>Brakes</b>		
<input type="checkbox"/> 26562	<b>Brakes - hydraulic disc brakes</b> - internal routing	404,00
<input type="checkbox"/> 26566	<b>Brakes - Shimano XT</b> - hydraulic disc brakes - 4 pistons	982,00
<b>Seat</b>		
<input type="checkbox"/> 24917	<b>Ergonomic seat cover 3D</b>	203,00
<input type="checkbox"/> 27758	<b>Vario Comfort seat cover</b> - including seat extensions for Pino	294,00
<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	228,00
<b>Other options</b>		
<input type="checkbox"/> 26602	<b>Rear rack Atran Velo</b> - 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	193,00
<input type="checkbox"/> 26656	<b>XXL frame extension for large stoker + 10cm</b>	90,00

## PINO 2021 ACCESSORIES

Art.No.	Item name	RRP
<b>Other options</b>		
<input type="checkbox"/> 26572	<b>Seatpost - rigid</b>	63,00
<input type="checkbox"/> 26644	<b>Seatpost adjustable in height</b> - operating lever at handle bar for	317,00
<input type="checkbox"/> 26642	<b>Seatpost - suspended - for PINO 2021</b>	213,00
<input type="checkbox"/> 26603	<b>Fenders - SKS</b> - width 2 1/8" (53 mm), 20" + 26" matt black	87,00
<b>Carrier accessories</b>		
<input type="checkbox"/> 26574	<b>Lowrider - HASE BIKES</b> - carrier for 4 bike panniers - 16mm CroMo tubes - black - max. load 55lb (25kg)	207,00
<input type="checkbox"/> 27189	<b>PORTER RACK 2021</b> - cargo rack - up to 88lb (40kg)	497,00
<input type="checkbox"/> 26868	<b>Bag for cargo rack - HASE BIKES - PORTER RACK BAG</b> - max. 80l	233,00
<input type="checkbox"/> 26752	<b>Cargo bag - HASE BIKES - PORTER BAG - foldable</b> - max. 120l - for PINO 2021	325,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left</b> - not with high seat position - for TRIGO with above steering only (TRIGO UP)	152,00
<input type="checkbox"/> 27127	<b>Seatback Bag for PINO and trikes</b> - (not with headrest on the Pino)	162,00
<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)	314,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 27160	<b>Special Pedals with flexible calf support, adjustable 2021</b> (more ground clearance, also for TRIGO, TRIGO UP, TRETTS) - <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 - max. extension of calf support 46cm to top edge	345,00
<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	218,00
<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	40,00
<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	243,00
<input type="checkbox"/> 25378	<b>Pedal Axle Extenders - 1 1/4" (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	294,00
<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	132,00
<input type="checkbox"/> 27235	<b>Rain cover</b> for PINO2021 seat	40,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	100,00
<input type="checkbox"/> 25510	<b>Seat extension - 2 3/4" (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)	96,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	35,00
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	223,00
<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	356,00
<input type="checkbox"/> 25310	<b>Freewheel</b> - fixer device with slipping clutch PINO2021	214,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	55,00
<input type="checkbox"/> 22448	<b>Handlebar grips - double grips for captain</b> - makes it possible to switch hand positions	171,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 26556	<b>Hitch Mount - HASE BIKES</b> - for mounting a Weber hitch	33,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	40,00
<b>Shipping Costs</b>		
<input type="checkbox"/> 21945	<b>PINO / GRAVIT within Germany</b>	82,00
<input type="checkbox"/> 21979	<b>PINO / GRAVIT within EU</b>	144,00

## 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 18 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	6040,00
<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	157,00

matching accessories on page 18

## 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>	2715,00
<b>Seat Hight</b>		
<input type="checkbox"/> 25344	<b>Low and sporty seatposition</b>	299,00
<input type="checkbox"/> 25329	<b>High and comfortable seatposition</b> - (not for use with 11seed chain gear and trailerset)	417,00
<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	0,00
<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)	198,00
<b>Motor</b>		
<input type="checkbox"/> 25086	<b>Standard front boom - without motor</b>	243,00
<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)	2735,00
<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)	3569,00
<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)	2847,00
<input type="checkbox"/> 25354	<b>Motor - Heinzmann - Directpower (20inch fork / front wheel only)</b> - 14,25Ah lithium-ion battery, including mount and charger, incl. front wheel	4423,00
<b>Battery and charger</b>		
<input type="checkbox"/> 28113	<b>Two Batteries</b> Shimano Steps 36 V, 14 Ah, 504 Wh and one battery charger 4A	1007,00
<input type="checkbox"/> 26191	<b>Battery Shimano Steps 36 V, 14 Ah, 504 Wh and battery charger 4A</b>	803,00
<input type="checkbox"/> 26759	<b>Battery Shimano Steps 36V, 630Wh - Battery charger 4A</b>	1007,00
<input type="checkbox"/> 27375	<b>Battery for Bafang - 36 V, 17,5Ah, 630Wh + battery charger</b>	788,00
<b>Fork</b>		
<input type="checkbox"/> 25353	<b>Rigid fork - 16-inch</b> - in frame color	253,00
<input type="checkbox"/> 25352	<b>Rigid fork - 20-inch</b> - in frame color	243,00
<input type="checkbox"/> 26383	<b>Suspension fork Trike Spinner 300</b> - 20-inch	284,00
<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)	1012,00
<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)	528,00
<input type="checkbox"/> 25053	<b>Gear system - Shimano - Nexus - 8-speed gear hub - HASE BIKES bar-end shifters</b> (motor power is reduced to 50Nm)	620,00
<input type="checkbox"/> 25106	<b>Gear system - Rohloff - 14-speed gear hub</b>	1962,00
<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, motor power is reduced to 50Nm)	924,00
<input type="checkbox"/> 26415	<b>Shimano Nexus Premium fixed gear 8 - incl. freewheel brake</b>	1118,00

## TRIX 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)	162,00
<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)	162,00
<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)	162,00
<input type="checkbox"/> 24728	<b>Crankset 115mm - 32-tooth</b> (not for use with Shimano Steps)	162,00
<input type="checkbox"/> 27377	<b>Bafang crank ISIS black 155MM</b>	40,00
<input type="checkbox"/> 26065	<b>Shimano Steps Hollowtech cranks - <input type="checkbox"/> 150mm or - <input type="checkbox"/> 170mm</b>	69,00
<input type="checkbox"/> 26776	<b>Cranks with adjustable length - HASE BIKES</b> - for Trikes - square axis - adjustment range of 65 - 165mm, 32T chainring	356,00
<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	356,00
<b>Drive Train</b>		
<input type="checkbox"/> 25475	<b>Single-wheel drive</b> - without Differential	244,00
<input type="checkbox"/> 25360	<b>Drive system - HASE BIKES - Differential</b> - both rear wheels are driven	681,00
<b>Front Wheel</b>		
<input type="checkbox"/> 25361	<b>Front wheel with touring tire</b> (not for use with Heinzmann)	136,00
<input type="checkbox"/> 25209	<b>Front wheel - lugged tyres</b> (not for use with Heinzmann or hub dynamos)	159,00
<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)	264,00
<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)	651,00
<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>	239,00
<input type="checkbox"/> 25364	<b>Rear wheel set - 20-inch - <input type="checkbox"/> Puncture protection <input type="checkbox"/> Comfort <input type="checkbox"/> Cross</b>	287,00
<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	233,00
<input type="checkbox"/> 24130	<b>Brakes - Tektro Auriga Tune - hydraulic disc brakes</b> (with parking-brake mechanism) (not for use with high Lepus seatposition)	202,00
<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	319,00
<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	573,00
<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)	788,00
<input type="checkbox"/> 25355	<b>Brake - hydraulic knee brakes with mechanical disc brake</b>	767,00
<b>Seat</b>		
<input type="checkbox"/> 25034	<b>Seat with 3D seat cover - color of seat stays black mattee</b>	553,00
<input type="checkbox"/> 24134	<b>XXL Seat - width and length + 2¾" (70mm)</b> - with 3D seat cover - seat stays in schwartz matt	660,00
<input type="checkbox"/> 27505	<b>Seat with Vario Comfort Seat cover</b>	702,00
<input type="checkbox"/> 27506	<b>XXL Seat - with Vario Comfort seat cover</b> - width and length + 2¾" (70mm)	792,00
<b>Handlebar</b>		
<input type="checkbox"/> 25415	<b>Handlebar grips - aluminum black anodized</b>	42,00
<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 15¾" (40 cm)</b>	234,00
<input type="checkbox"/> 22480	<b>Shoulder Steering Unit</b> - adjustable steering ratio (limited frame folding function)	736,00
<input type="checkbox"/> 25366	<b>One-hand operation for brakes and gear system - <input type="checkbox"/> left - <input type="checkbox"/> right (only with XL handlebar)</b>	83,00

pricelist: all prices in €, retail prices incl. 21% VAT  
 valid from: 13.09.2023, old price sheets loose their validity  
 errors and omissions excepted

## TRIX 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>	159,00
<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>	223,00
<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>	223,00
<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>	121,00
<input type="checkbox"/> 25890	<b>Battery lighting kit - B+M - front Lumotec IQ Eyro - rear Toplight 2C Permanent</b>	106,00
<b>Other options</b>		
<input type="checkbox"/> 24875	<b>Trailer Kit - trailer function with overrun brake</b> including heavy-duty Weber hitch with stand - no taillight with hub dynamo (not for use with high Lepus seatposition) (not usable with motors)	945,00
<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>	386,00
<input type="checkbox"/> 27127	<b>Seatback Bag for PINO and trikes - (not with headrest on the Pino)</b>	162,00
<input type="checkbox"/> 27456	<b>Wheeled rack - HASE BIKES - ROLLER RACK</b> with telescopic handle max. load 33 lb (25 kg)	397,00
<input type="checkbox"/> 26595	<b>ROLLER BAG for ROLLER RACK</b> with telescopic handle, waterproof - 70l	294,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch</b> (not for frames with suspension)	50,00
<input type="checkbox"/> 27090	<b>Seat Bags, right and left - not with high seat position - for TRIGO with above steering only (TRIGO UP)</b>	152,00
<input type="checkbox"/> 22391	<b>Lowrider - (not for use with suspension forks or 16 inch forks)</b>	40,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 25610	<b>Special Pedal 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	345,00
<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	218,00
<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>	40,00
<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 - <input type="checkbox"/> left <input type="checkbox"/> right</b>	243,00
<input type="checkbox"/> 23989	<b>Leg Support - one-sided - left/right</b>	426,00
<input type="checkbox"/> 25378	<b>Pedal Axle Extenders - 1 1/4" (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>	356,00
<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>	356,00

## TRIX ACCESSORIES

Art.No.	Item name	RRP
<b>Seat accessories</b>		
<input type="checkbox"/> 27365	<b>Vario Comfort seat cover</b> - including seat extensions	294,00
<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 (not with Vario seat on XXL seat)	40,00
<input type="checkbox"/> 22935	<b>Seatback extension - 2,75" (70 mm)</b>	100,00
<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>	223,00
<input type="checkbox"/> 25535	<b>Harness system with magnetic buckle</b> as 5-points harness (shoulder pads not included)	96,00
<input type="checkbox"/> 25532	<b>Shoulder pads (pair)</b> for harness system - adjustable	29,00
<input type="checkbox"/> 22264	<b>Lap belt</b>	35,00
<input type="checkbox"/> 22773	<b>Armrest-</b> can be used on the right or left side	300,00
<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)	935,00
<input type="checkbox"/> 25655	<b>Connectionkit for Weber hitch</b> KETTWIESEL, TRIX and LEPUS	60,00
<input type="checkbox"/> 25524	<b>Guide Bar</b> (not compatible with Seatback Extension)	172,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	55,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 23538	<b>Universal mounting bracket for accessories</b> - speedometer/GPS/light	55,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	101,00
<input type="checkbox"/> 26966	<b>Turn Signal System 2021</b>	406,00
<input type="checkbox"/> 25873	<b>Frame Lock</b> incl. steel cable, with fork-mounting kit - (not with wheel cover)	152,00
<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	40,00
<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	157,00

## 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 23 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>	4972,00
<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	157,00

matching accessories on page 21

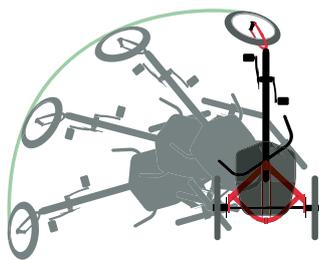
## TRETS CUSTOMIZED AND ACCESSORIES

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>	3803,00
<b>Shifting System</b>		
<input type="checkbox"/> 27018	<b>Gear system - Shimano - Nexus</b> - 8-speed gear hub - long twist shifter for Trets 2021	555,00
<input type="checkbox"/> 26408	<b>8 gear Shimano Nexus hub with integrated switchable HASE BIKES fixed gear</b> - for Trets	843,00
<b>Crankset</b>		
<input type="checkbox"/> 27019	<b>Crankset - 115 mm - 32 T - for TRETS 2020</b>	138,00
<input type="checkbox"/> 26409	<b>Crankset - 140 mm - 32 T</b>	148,00
<b>Brakes</b>		
<input type="checkbox"/> 27020	<b>Brakes - Avid BB7 - mechanical disc brake - for TRETS 2020</b>	235,00
<input type="checkbox"/> 25355	<b>Brake - hydraulic knee brakes with mechanical disc brake</b>	767,00
<b>Handlebar</b>		
<input type="checkbox"/> 27017	<b>Under seat steering for Trets 2020</b>	314,00
<input type="checkbox"/> 26399	Above-seat steering for Trets 2020	330,00
<b>Carrier accessories</b>		
<input type="checkbox"/> 26084	<b>Basket Mount RACKTIME</b> - for TRIGO, TRIGO UP and TRETS	140,00
<input type="checkbox"/> 25866	<b>Basket - BASKIT</b> large black - max. load 22 lb (10 kg)	60,00
<input type="checkbox"/> 24251	<b>Side pouch - small 2.3L fender pouch</b> (not for frames with suspension)	50,00
<b>Pedals accessories</b>		
<input type="checkbox"/> 27160	<b>Special Pedals with flexible calf support, adjustable 2021</b> (more ground clearance, also for TRIGO, TRIGO UP, TRETS) - <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 - max. extension of calf support 46cm to top edge	345,00
<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	218,00
<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	40,00
<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	243,00
<b>Seat accessories</b>		
<input type="checkbox"/> 26790	<b>Headrest 2021</b>	223,00
<input type="checkbox"/> 25443	<b>Rain cover</b> for all trike seats, also für XXI and TRIGO seat (not with Vario seat on XXL seat)	40,00
<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)	178,00
<input type="checkbox"/> 26390	<b>HASE BIKES - Telescopic flag with holder</b>	55,00
<input type="checkbox"/> 22461	<b>Rearview Mirror - Busch+Müller - Cycle Star</b> - with short arm	40,00
<input type="checkbox"/> 22298	<b>Holder for Walking Stick</b>	101,00
<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)	274,00
<input type="checkbox"/> 26665	<b>Bike garage / tarpaulin</b> - fits HASE BIKES trikes and the PINO	40,00
<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	157,00

# 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



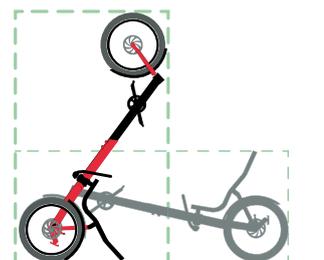
> Thanks to its geometry, a delta trike can turn on a dime – which can also be helpful when parking.

## GET INTO THE SEAT COMFORTABLY



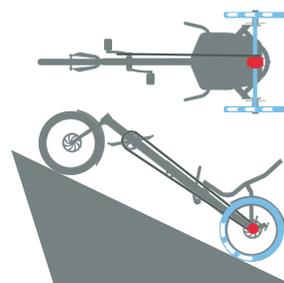
> When your delta trike is parked on level ground, you can sit down easily on the seat between the rear wheels.

## 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!



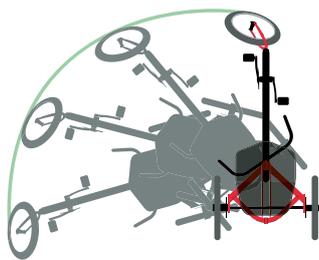
> With a delta trike, most of the weight rests on the rear axle, which translates into good traction for the rear wheels. If you add a Differential, which transfers the power to both rear wheels, it's even easier to power up steep hills – regardless of the road surface.

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

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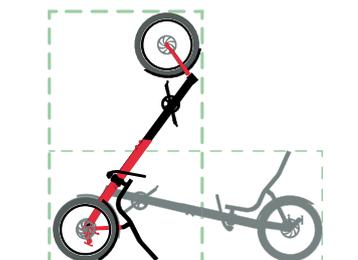
> Thanks to its geometry, a delta trike can turn on a dime – which can also be helpful when parking.

## GET INTO THE SEAT COMFORTABLY



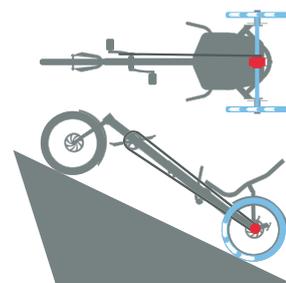
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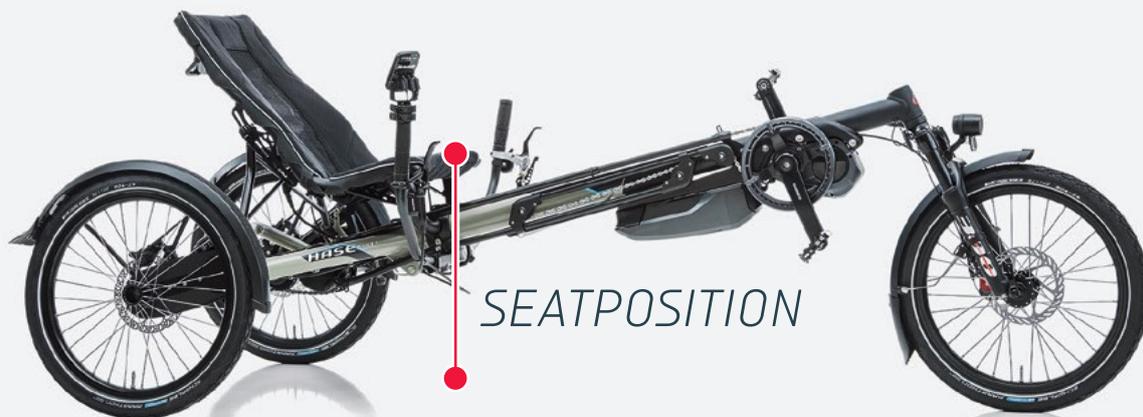
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## LOW AND SPORTY



**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