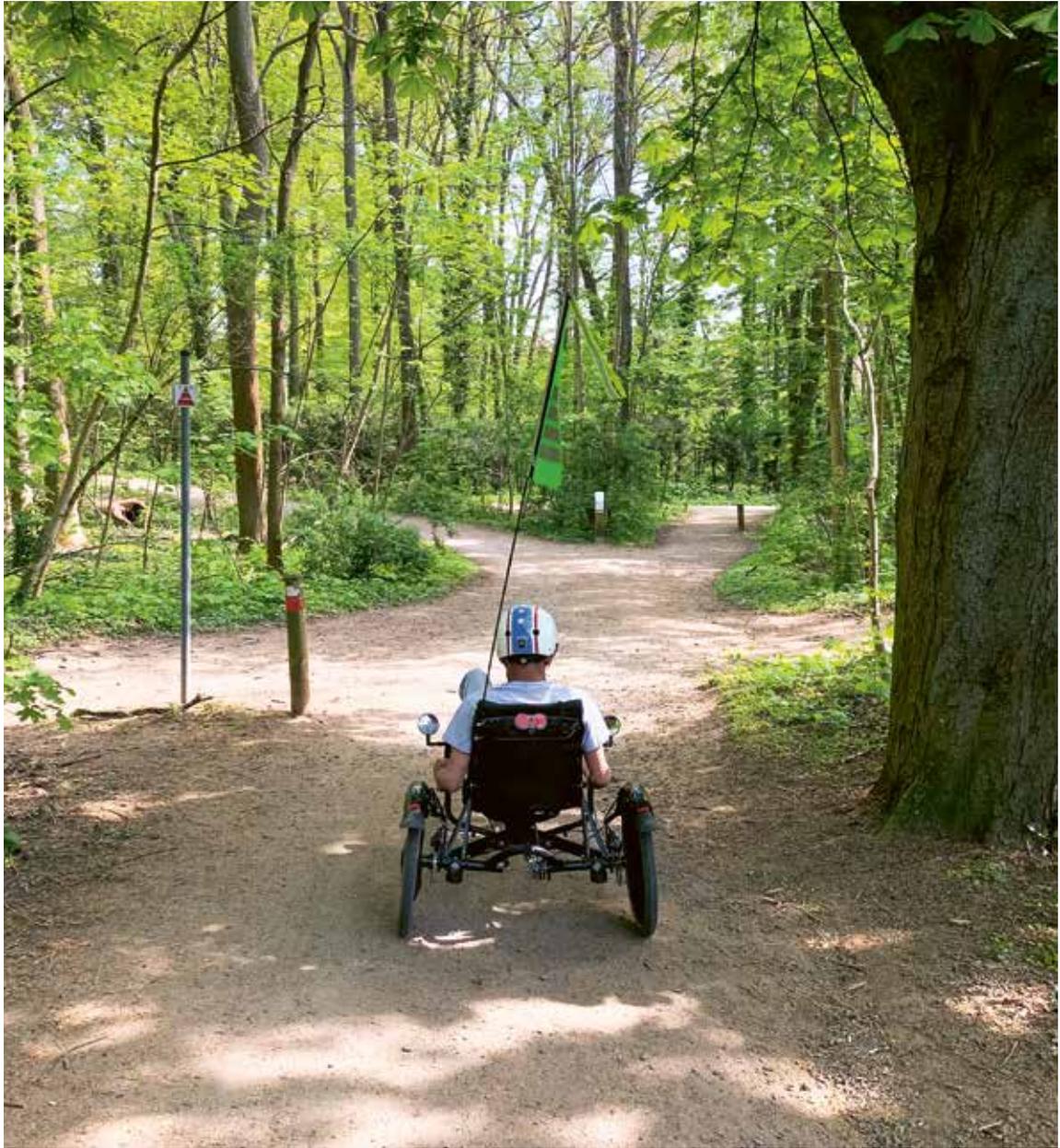




RIDE YOUR OWN WAY





Ride your own Way

The bicycle is becoming more and more of a status symbol. With a good reputation in hand, one trend chases the next. Who has the most powerful motor, the longest suspension travel, or the thickest tires? Let's be honest - we all look a bit ridiculous with a helmet on anyway. As Mom used to say: "The shoes don't have to look cool; they have to fit." But who actually says that HASE BIKES' bicycles don't look good?

And since false hares are out of date anyway, we focus on providing intensive support in finding the right one for you.

It's not important to us which bicycle you ride; what matters is that you ride in the first place. On page 90, you'll find out how we or one of our specialized dealers can assist you with this. What the "Schaltwerk" is all about will be explained starting from page 32. Spoiler: it's not about bicycle parts — not solely.

The catalog may not have changed at first glance, but some products have. With the GRAVIT models, we're breaking into the market for cargo bikes, and the TRIGO, after a facelift, is now available as a fully equipped top seller.



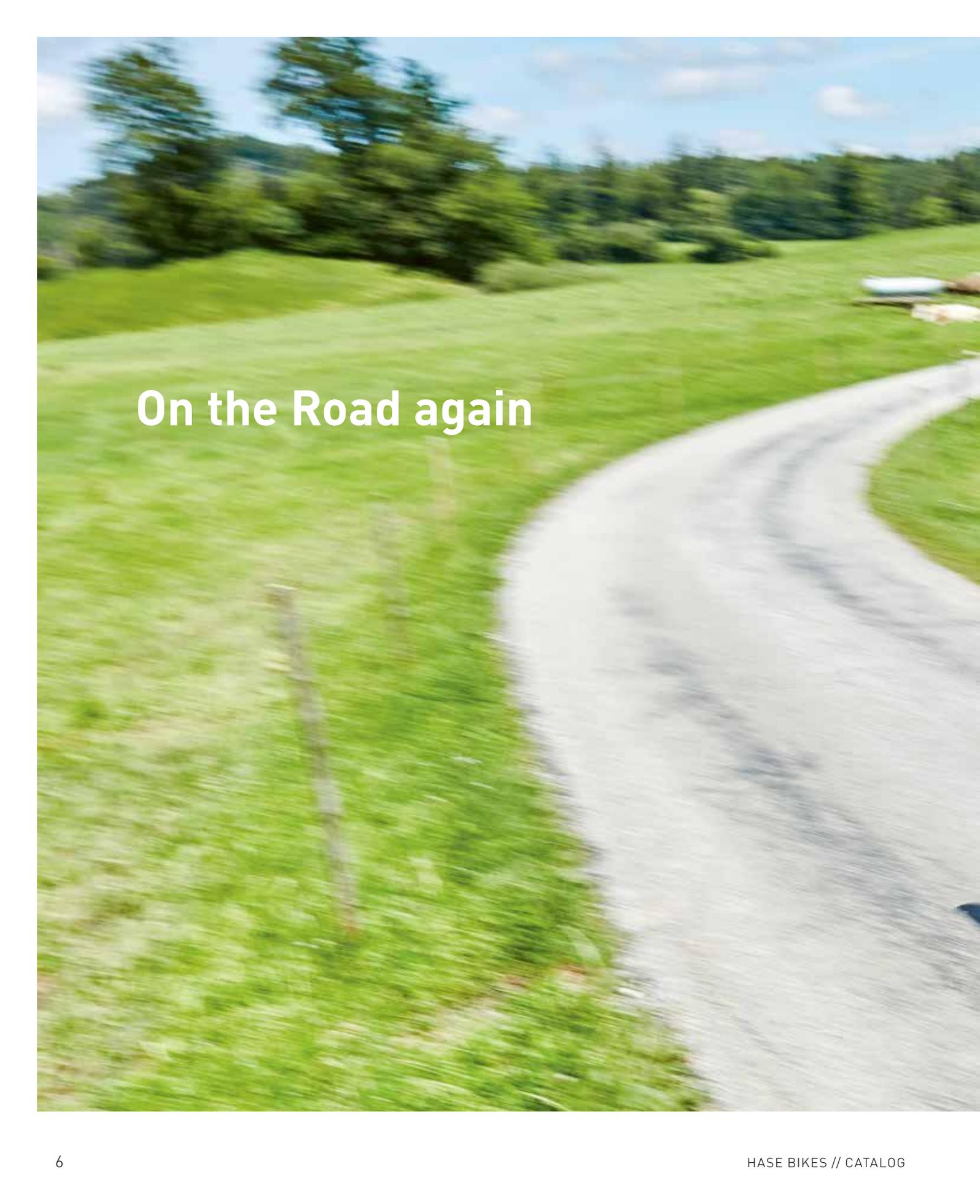




Born to be Child





A blurred photograph of a winding asphalt road through a green landscape. The road curves from the bottom right towards the center. The background is filled with lush green grass and a line of trees under a blue sky with light clouds. The text "On the Road again" is overlaid in white on the left side of the image.

On the Road again



01 TRIKES

FROM PAGE 13



KETTWIESEL EVO STEPS
Luxury-Class E-Trike



KETTWIESEL CROSS STEPS
Offroad Trike with E-Power



KETTWIESEL HANDBIKE
Special Trike with Hand Cranks



TRIGO E
Sporty Trike with E-Power



TRIGO UP E
Fully Equipped E-Trike



LEPUS STEPS
Comfort Trike with Higher Seat

04 ADAPTIVE TRIKES KIDS

FROM PAGE 71



TRIX
Recumbent Wonder-Trike



TRETS
Junior Trike with Wow-Effect

02 CARGO BIKES

FROM PAGE 37



GRAVIT DUST
Cargo bike with Gravel Factor



GRAVIT CITY E
Super flexible Cargo Bike

03 TANDEMS

FROM PAGE 47



PINO CARGO
Tandem and Cargo Bike



PINO TOUR
Touring Tandem for Globetrotters



PINO STEPS
E-Tandem with Cargo Capacity



Give me an E: Motors for HASE BIKES

HEINZMANN DIRECT POWER

Hub motor for special trikes

- Max. output 250 W
- 9.9 lb (4.5 kg) motor, 6.4 lb (2.9 kg) battery
- Assistance up to 15 mph (25 km/h)
- Adjustable to rider
- Max. torque 60 Nm
- Lithium-ion battery, 400 Wh

Models

HANDBIKE / KETTWIESEL / LEPUS / TRIX

SHIMANO STEPS E5000

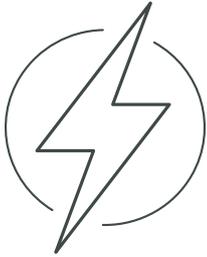
Mid-motor for TRIGOs

- Max. output 250 W
- 5.3 lb (2.4 kg) motor, 6 lb (2.7 kg) battery
- Assistance up to 15 mph (25 km/h), in 3 modes
- Walk assist function
- Max. torque 40 Nm
- Lithium-ion battery, 418 Wh, 1000 recharge cycles, portable

Models

TRIGO / TRIGO UP

Motors for Mobility



For years, we have sworn by Shimano Steps mid-motors for our electric bikes and trikes. They are extremely reliable and have a sophisticated system of sensors that offer smooth and quiet assist, guaranteeing an incredibly natural riding feel. For our custom models, we also offer Shimano's latest innovation, the EP8, as an option. The lightweight motor with a magnesium housing is a compact power pack with an impressive 85 Nm of torque.

The Heinzmann Direct Power is the only front-wheel motor in our portfolio. It can't offer the same maximum efficiency as a mid-motor and doesn't have the best range, but it's nevertheless unbelievably powerful and individually adjustable. The ideal choice for riders with limited muscle strength, e.g. with handbikes and adaptive bikes.



AUTOMATIC SHIFTING: SHIMANO DI2 ALFINE

01

Works perfectly with STEPS motors: The integrated, electronic 8-speed internal hub monitors your torque, speed, and cadence, for fast, precise, and smooth shifting into the appropriate gear. Good to know: A mechanical shifting system is recommended for use with the EP8 in order to harness the motor's full power.

SHIMANO STEPS E6100

Mid-motor for all STEPS models

- _ Max. output 250 W
- _ 6.2 lb (2.8 kg) motor, 5.7 lb (2.6 kg) battery
- _ Assistance up to 15 mph (25 km/h), in 3 modes
- _ Walk assist function
- _ Max. torque of 60 Nm with derailleur; 50 Nm with gear hub
- _ Lithium-ion battery, 504 Wh (optimal 600 Wh), 1000 recharge cycles, portable

Models

KETTWIESEL/LEPUS/PINO/TRIX

SHIMANO EP8

Mid-motor with extra power for custom models

- _ Max. output 250 W
- _ 5.7 lb (2.6 kg) motor, 5.7 lb (2.6 kg) battery
- _ Assistance up to 15 mph (25 km/h), in 4 modes
- _ Walk assist function
- _ Max. torque of 85 Nm with derailleur and Rohloff gera hub; 50 Nm with other gear hub
- _ Lithium-ion battery, 504 Wh (optimal 600 Wh), 1000 recharge cycles, portable

Models

KETTWIESEL/LEPUS/PINO/TRIX

BAFANG M500

Mid-motor for special trikes

- _ Max. output 250 W
- _ 7.5 lb (3.4 kg) motor, 6.4 lb (2.9 kg) battery
- _ Assistance up to 15 mph (25 km/h)
- _ Max. torque of 95 Nm
- _ Lithium-ion battery, 630 Wh
- _ Starting aid up to 6 km/h via thumb throttle

Models

LEPUS





01 — Tricycles for Adults

GENERATION TRIKE

If fifty is the new forty, and seventy is the new sixty, then we'd like to propose our own proverb: The trike is the new bike. Why? Because the delta trikes from HASE BIKES are fun to ride at any age but become an even more attractive option as we get older – due to their great stability and comfort. And because we're such visual creatures, HASE BIKES makes sure that its trikes not only are sporty to ride but also look the part. So modern and dynamic that you'll feel like a kid again.



Extravagant. Exquisite. Evolutionary.

The EVO STEPS is the luxury model of our KETTWIESEL series. Some may argue that the name "KETTWIESEL" is too whimsical for this classy set of wheels, but what's named is named. Moreover, it's long since become the epitome of a sporty, high-end trike.

The EVO STEPS is our upgraded version for riders with even higher standards for comfort: It features sumptuous suspension, a Shimano Steps motor, and the corresponding Di2 electronic shifting system. The eye-catching, concrete-gray e-trike also makes a big impression with its small footprint: When parked upright, it's a real space-saver, and when folded for transport, it can fit into almost any trunk with a length of 53 inches (134 cm).



KETTWIESEL EVO STEPS



Specs and Features

- Aluminum, quick-adjust frame, foldable
- 79–92 x 35 x 32 in. (201–233 x 89 x 82 cm), folded 53 x 35 x 26 in. (134 x 89 x 66 cm), seat height 19½ in. (50 cm), bottom bracket height 20½ in. (52 cm)
- 71.6 lb (32.5 kg), max. load 309 lb (140 kg)
- Shimano Steps E6100 electric-assist motor, 504 Wh battery
- Full-suspension, HASE BIKES EVO rear-wheel suspension system, suspension fork Spinner 300
- Alfine Di2 8-speed gear hub
- HASE BIKES Differential
- Coupled brakes, right lever for hydraulic rear-wheel brakes, left lever for mech. front-wheel brake
- Crankset 170 mm 44 T
- black aluminum double-walled rims, SAPIM stainless-steel spokes
- Matte black SKS fenders
- Lights powered by motor battery: B+M IQ-X headlight / B+M Toplight Flat 2C Plus
- Concrete-gray, semi-gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>. The model KETTWIESEL is also available in various basic versions without a motor.



01

Push it: The Shimano Alfine Di2 is an 8-speed, electronic, internally geared hub that coordinates perfectly with the motor. It can be operated in either manual or automatic mode. The rider can switch between these modes with the touch of a button under the display.



02

At some point, we're just too old for unnecessary bumps and jolts. That's why the EVO comes with **full suspension**: independent wheel suspension, air shocks, and cornering-stability control like a car. A sporty ride doesn't have to be uncomfortable.



03

A top speed of 15 mph (25 km/h): **Shimano Steps**. The powerful – yet smooth and quiet – mid-motor gives you more traction on the rear wheels than a front motor. Its battery has a 504 Wh capacity and can be fully charged in a mere four hours.



Up and down and woo-hoo!

— This is the CROSS. The KETTWIESEL CROSS. Also known as the mountain trike, the all-terrain delta, or the daredevil of the HASE BIKES family. The yellow bullet with the knobby treads sails serenely over roots and rocks, carves up the tightest corners, and keeps the squirrels watching safely from the trees.

The chassis? Superbly sporty. The gears? With ample ground clearance. The suspension? Independent wheel suspension with a sway bar and special air shocks. Anything else? Of course: So that uphill is as fun as downhill, the CROSS comes with a Differential, which transmits power to both rear wheels. And the tires almost never lose traction, because the rider's weight is over the rear axle. Sound good? It's out of this world!





reddot award 2015
best of the best

KETTWIESEL CROSS STEPS



Specs and Features

- Aluminum, quick-adjust frame, foldable
- 79–92 x 35 x 32 in. (201–233 x 89 x 82 cm), folded 53 x 35 x 26 in. (134 x 89 x 66 cm), seat height 19½ in, seat height 19½ in. (50 cm), bottom bracket height 20½ in. (52 cm)
- 66 lb (30 kg), max. load 309 lb (140 kg)
- Shimano Steps E6100 electric-assist motor, 504 Wh battery
- Full-suspension, HASE BIKES EVO rear-wheel suspension system, Spinner 300 suspension fork
- HASE BIKES 11-speed linear derailleur, Shimano 11–42 cassette, bar end shifters
- HASE BIKES Differential
- Coupled brakes, right lever for hydraulic rear-wheel brakes, left lever for mechanical front-wheel brake
- Crankset 170 mm 48 T
- Cross tires, black aluminum double-walled rims, SAPIM stainless-steel spokes
- Yellow, semi-gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>. The model KETTWIESEL CROSS is also available in a basic version without a motor.



01

Bottoming out on jump landings? Ouch. That's why, for the CROSS, we developed a **linear derailleur** that would offer more ground clearance than standard derailleur cages. The 11-speed system made from CNC-machined aluminum is sophisticated, but not finicky. And it's also very forgiving of shifting mistakes.



02

Riders who aren't able or willing to rely on pure muscle power can switch on the **Shimano Steps** mid-motor any time they need support. The smooth and quiet system is seamlessly integrated into the bottom bracket ... and makes ascents feel like straightaways.



03

You can ride your CROSS to the bike park, but if asphalt is just too boring, the station wagon will get you there, too. Thanks to the ingenious **folding mechanism**, three quick steps are all it takes to transform the trike into a compact unit measuring as little as 53 inches (134 cm) in length. Brilliant, isn't it?



Taking fun into your own Hands

Experience the exhilaration of riding first-hand: The KETTWIESEL HANDBIKE comes with a specially developed hand-crank assembly that efficiently transfers the power from your arms to the wheels. The adjustable leg supports offer comfortable stability and protection for the lower body.

The KETTWIESEL HANDBIKE doesn't wobble when mounting, and the seat has the perfect height for easy transfer from a wheelchair. Another delta-trike advantage: Thanks to rear-wheel drive, the traction is so grippy that even uphill rides are fun. If your region is hilly, you will really appreciate the standard Differential. And riders looking for even more luxury can add a powerful Heinzmann hub motor.



KETTWIESEL HANDBIKE



Specs and Features

- _ Aluminum frame/fork
- _ 63–80½ x 37½ x 34 in. (160–205 x 86 x 95 cm),
pack size 63–80½ x 34 x 21 in. (160–205 x 86 cm x 53),
seat height 18 in. (46 cm), hand-crank length 174 mm
- _ 53 lb (24 kg), max. load 309 lb (140 kg)
- _ 8-speed Nexus gear hub with
twist shifters/Mountain Drive
- _ HASE BIKES Differential
- _ Coupled brakes, right lever for hydraulic
rear-wheel brakes
- _ Comfort tires, black aluminum double-walled rims,
SAPIM stainless-steel spokes
- _ Matte black SKS fenders
- _ Lighting: Herrmans Black MR8 50 LUX
headlight/B+M Toplight 2C plus taillight
- _ Carmine red, semi-gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>. The model KETTWIESEL HANDBIKE can also be equipped with an optional Heinzmann Direct Power motor.



01

At your fingertips: As with most bikes, the HANDBIKE's shifters and brake levers are mounted to the handlebar grips. The only difference is that these grips also function as hand pedals. Sounds a lot like multitasking, but the controls are actually very easy to learn.



02

The **hand cranks** are available in two different sizes: 174 and 150 millimeter. This makes it possible to adapt the HANDBIKE to the rider for perfect ergonomics.



03

The **hand-crank assembly** is intelligently designed: Its position can be adjusted to the rider's size and preferences by moving the support bar. In addition, it can be folded forward to make it easier to get into and out of the seat.



Standing Ovation for a recumbent Trike

With the TRIGO E, you can enjoy the exhilaration of delta triking without blowing your budget! How, you ask? Like this: Thanks to its modular construction, the TRIGO E is not only less expensive to produce but also highly versatile.

The modules move along guide rails and are infinitely adjustable. Therefore, the TRIGO can be quickly adjusted to different riders with no need for tools. Provided that the rider is between 4'7" (1.40 m) and 6'7" (2 m) in height. And provided you're willing to share your favorite trike.



TRIGO E



Specs and Features

- _ Aluminum frame and fork
- _ Sport Seat
- _ 70½"–82¾" (179–210 cm),
w/o front wheel 61" (155 cm) x 33" (84 cm),
seat height 23–26 in. (58.5–66.5 cm)
- _ 66 lb (30 kg), max. load 309 lb (140 kg)
- _ Pedelec-Motor Shimano Steps E5000,
Battery 504 Wh
- _ 8-speed Nexus gear hub, twist shifters
- _ HASE BIKES Differential
- _ mechanical disc brakes /
with parking-brake mechanism
- _ Crankset 170 mm 44 T
- _ front 20" Kenda / back 20" Big Apple
- _ 58–406 mm with reflective sidewalls /
black aluminum double-walled rims /
SAPIM stainless-steel spokes
- _ Fenders SKS matte black
- _ Lighting powered by motor battery /
B+M Lumotec iQ Myc / B+M Toplight 2C Plus
- _ Carmine red/black

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>.



01

The **ergonomic seat** made from super-comfy black mesh helps you put full power to the pedals. The seat tilt can be set to your preferred position using a quick-release mechanism.



02

Thanks to its modularity, the TRIGO can be easily adjusted to fit riders of all shapes and sizes. For the **stepless length adjustment**, all you have to do is open two levers and slide the seat into the appropriate position. No need for tools and no need to shorten or lengthen the chain.



03

The **Shimano Steps mid-motor** provides seamless assistance with a natural feel ... and can make ascents feel like straightaways.



Get UP among People!

One of the best things about getting older is probably the well-deserved breaks and the incoming tranquility. But what if these take over and silence becomes deafening in your ears? Take a break! With the TRIGO UP E, every ride feels like sinking into a cozy reading chair. Whether it's at the marketplace or in the park, the key is to be independent and amidst pleasant company.

Prepared for safe participation in traffic, this tricycle can be adjusted to the ergonomics of the riders without the need for tools. The TRIGO UP E is equally stable and intuitive to operate. And even when time is too precious to go fast, the loyal Shimano mid-motor is ready to provide support when needed. Errands or enduring rides present no barriers. Truly a comfortable cruising experience.



TRIGO UP E



Specs and Features

- _ Aluminum, adjustable length
 - _ Vario Comfort Seat
 - _ 70½"–82¾" (179–210 cm),
 - w/o front wheel 61" (155 cm) x 33" (84 cm)
 - Seat height 23"–26¼" (58.5–66.5 cm)
 - _ Basket Mount RACKTIME / Basket BASKIT
max. load 22 lb (10 kg)
 - _ 66 lb (30 kg), max. load 309 lb (140 kg)
 - _ Pedelec-Motor Shimano Steps E5000,
Battery 504 Wh
 - _ 8-speed Nexus gear hub / twist shifter
 - _ HASE BIKES Differential
 - _ adjustable handlebar with rearview mirror
 - _ Brake system echanical disc brakes /
with parking-brake mechanism
 - _ Wheels front 20" Kenda / back 20" Big Apple
58–406 mm with reflective sidewalls / black
aluminum double-walled rims / SAPIM
stainless-steel spokes
 - _ Fenders SKS matte black
 - _ Lighting powered by motor battery /
B+M Lumotec iQ Myc / B+M Toplight 2C Plus
 - _ Color Light ivory, semi-gloss / jet black
- Detailed information on specs and features can
be found at <https://konfigurator.hasebikes.com/en/>.



01
Adjustable Handlebars
No tools are needed to adjust the height, width, and angle of the handlebars to suit your body size and ergonomic needs. The steering is intuitive and similar to that of an upright bicycle.



02
Vario Comfort Seat
Wider, higher, softer: The 3D adjustment concept makes it possible to individually adapt the various parts of the seat to the rider's shoulders, back, and pelvis.



03
Shimano Steps mid-motor
The Shimano Steps mid-motor provides seamless assistance with a natural feel ... and can make ascents feel like straight-aways. efficient motor.



High on Comfort

— Advantage: visibility. The LEPUS STEPS scores points with its high seat: up to 25 inches (63 cm). This lets you pedal comfortably downwards – and ensures that you will “see and be seen” in traffic. Getting into the seat is as easy as sitting down in your favorite recliner: Just stand on one side, take a seat, and then lift one leg over the low frame tube in front.

The outstanding suspension is another reason why riders feel so safe on a LEPUS STEPS. The nimble trike is a dependable everyday companion not only for sporty riders of all ages, but also for people with physical limitations. Indeed, the LEPUS is not your run-of-the-mill upright trike, but a comfort-class recumbent. In other words: It’s living the high life.



LEPUS STEPS



Specs and Features

- _ Aluminum, quick-adjust frame, foldable
- _ 73–83½ x 35 x 37½ in. (186–212 x 89 x 95 cm), folded 48¾ x 35 x 24 in. (124 x 89 x 61 cm), seat height 25 in. (63 cm), bottom bracket height 17 in. (43 cm)
- _ 67 lb (30.5 kg), max. load 309 lb (140 kg)
- _ XXL seat
- _ Shimano Steps E6100 electric-assist motor, 504 Wh battery
- _ Rear suspension, HASE BIKES EVO rear-wheel suspension system
- _ Alfine Di2 8-speed gear hub
- _ HASE BIKES Differential
- _ Coupled brakes, right lever for hydraulic rear-wheel brakes, left lever for mechanical front-wheel brake
- _ Crankset 170 mm 44 T
- _ black aluminum double-walled rims, SAPIM stainless-steel spokes
- _ Matte black SKS fenders
- _ Lights powered by motor battery: B+M IQ-X headlight/ B+M Toplight 2C plus
- _ Carmine red, semi-gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>. The model LEPUS is also available in a basic version without a motor.



01

No matter how sporty we'd like to be, sometimes our strength or willpower runs low. Then it's time to switch on the quiet **Shimano Steps** motor. It only provides assistance when you want it to and when the pedals are in motion. Once you've reached 15 mph (25 km/h), it switches off automatically.



02

To ensure that the LEPUS can also ride over cobblestones and other bumpy surfaces without losing its cool, the trike has independent **rear-wheel suspension** with air shocks. This provides not only comfort but also safety.



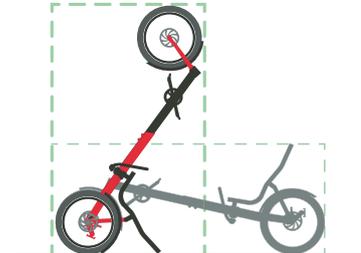
03

Thanks to its **foldable frame**, the comfortable trike is also easy to pack and transport: e.g. in a compact car. In just three easy steps – without tools – it can be transformed into a small unit measuring as little as 48¾ inches (124 cm) in length.

Three Wheel's a Charm

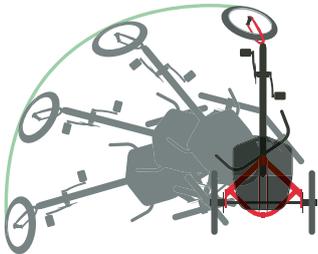
HASE BIKES only builds delta trikes. We're convinced that it's the best trike design. Deltas have two wheels in back, and one wheel in front that does the steering. The recumbent seat is positioned in the rear third of the trike between the front and rear axles. This design not only ensures exceptional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

UPRIGHT PARKING



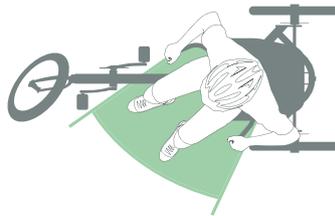
> Upright parking allowed! A delta trike can be parked with its front wheel in the air, which saves space indoors and is a real eye-catcher outdoors.

SMALL TURNING RADIUS



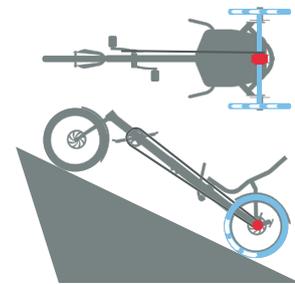
> Thanks to its geometry, a delta trike can turn on a dime – which can also be helpful when parking.

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.

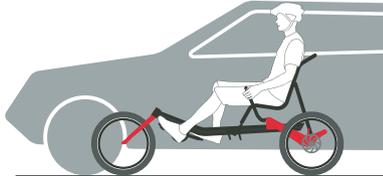
TWO-WHEEL DRIVE? NO PROBLEM!



> 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!

AT EYE LEVEL WITH CAR DRIVERS



- > A high seat (extra high: with LEPUS) means more visibility. And more visibility means more safety. Nevertheless, it's always a good idea to ride with a safety flag!

ABOVE-SEAT STEERING



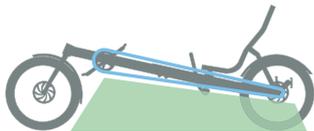
- > Thanks to the long frame and the single wheel in front that does the steering, it is possible to offer models with intuitive above-seat handlebars (TRIGO UP).

CAN BE HITCHED TO A BICYCLE



- > Perfect for family excursions: With the Trailer Kit, a delta trike (TRIX or KETTWIESEL Allround) can be hitched to a normal upright bicycle.

MORE GROUND CLEARANCE



- > Although delta trikes are recumbents, they have the necessary ground clearance for everyday use. This means you shouldn't have any trouble riding safely over obstacles like curbs or ramps.
- > Riders who spend a lot of time on bumpy roads or offroad can order their trike with a linear derailleur, which offers more ground clearance than a standard derailleur cage. (Not available for TRETs or TRIGOs)

HITCHABLE FOR TANDEM USE



- > Two to one: With a Tandem Coupling, you can connect two delta trikes – for towing riders who need a little help, or just for fun.

Accessories and Options for Delta Trikes



01

RAIN PROTECTION



01 Foldable Fairing

The fairing's patented folding system, the easy opening and closing, and of course the reliable protection from rain and wind have proven their worth over the years.

02 Rain Poncho

The rider enjoys significantly more freedom of movement and, thanks to the optimized side openings, the arms can slide comfortably in and out of the poncho. The Rain Ponchos, which VAUDE is producing for us, also have a new collar system that adds additional comfort by protecting the rider from cold air and wind, and keeping the neck and ears warm.

03 Rear-View Mirror

More perspective, more safety. The Rear-View Mirror comes with the Foldable Fairing and can be mounted on either side. Easy to adjust to many different positions, zero vibration.

04 Smartphone Mount for Foldable Fairing

Secure mount for practically all smartphone models. Developed for the Foldable Fairing.

05 Rain Cover

Keeps moisture out and looks great. The Rain Cover for our recumbent seats is now even compatible with the XXL and TRIGO seat.

02



03



04



05





07



08



09



10



11



12



13



14

TRANSPORT



07 Roller Rack

A luggage rack with wheels and extendable handle. It can be mounted behind the seat and can carry heavy loads, e.g. beverage crates or a rollator. With the Roller Bag (see 08), it can even be used as a shopping basket with wheels.

08 Roller Bag

The 70-liter bag with reflective stripes is made of PU-coated ripstop nylon, which is 75% ultrasonically welded and therefore very waterproof.

09 Seat Bags, right and left

The Seat Bags are attached below the seat on both sides. A perfect place for keeping your papers, keys, and phone safe from the elements and easily reachable while on the road.

10 TRIGO Basket Mount

The Basket Mount for the TRIGO and TRIGO UP is compatible with various standard systems, like the "Baskit" from Racktime.

11 Universal Mounting Bracket

Use this bracket to hold the things you want to keep an eye on. Small, expensive accessories, like your smartphone, GPS device, or light, can be mounted safely and securely to the frame tube.

12 Lowrider Rack

Packing smart: Two panniers in front on the Lowrider Rack put more weight on the front wheel without affecting the handling.

13 Weber Hitch Adapter

Thanks to this adapter, it's possible to use your trike for pulling a trailer with a straight drawbar.

14 Tandem Coupling

Transforms two trikes into a trike tandem – as shown in the photo on the right. In order to hitch the rear trike, all you have to do is remove its front wheel, slide the coupling into the dropouts, and secure it with the quick-release.

HANDLEBARS



15 Above-Seat Handlebars TRETTS (optional)

Above-seat handlebars are intuitive to use because they are so similar to the handlebars of a "normal" upright bike. If your child prefers them to under-seat handlebars, then you can choose this option – and order the TRETTS with a classic "Easy Rider" look!



15



16

16 Parking Brake Lever

The small plastic lever that engages the brakes is intuitive to use, even for individuals with limited fine motor skills. Thanks to the fine steps of the locking mechanism, it can even be used with worn or poorly adjusted brakes. Also compatible with hydraulic brake systems!



17



18

SECURITY FEATURES



17 Frame Lock

Made by HASE BIKES for HASE trikes: with a special mount developed in-house and an additional steel cable for securing the frame.

DRIVE SYSTEMS

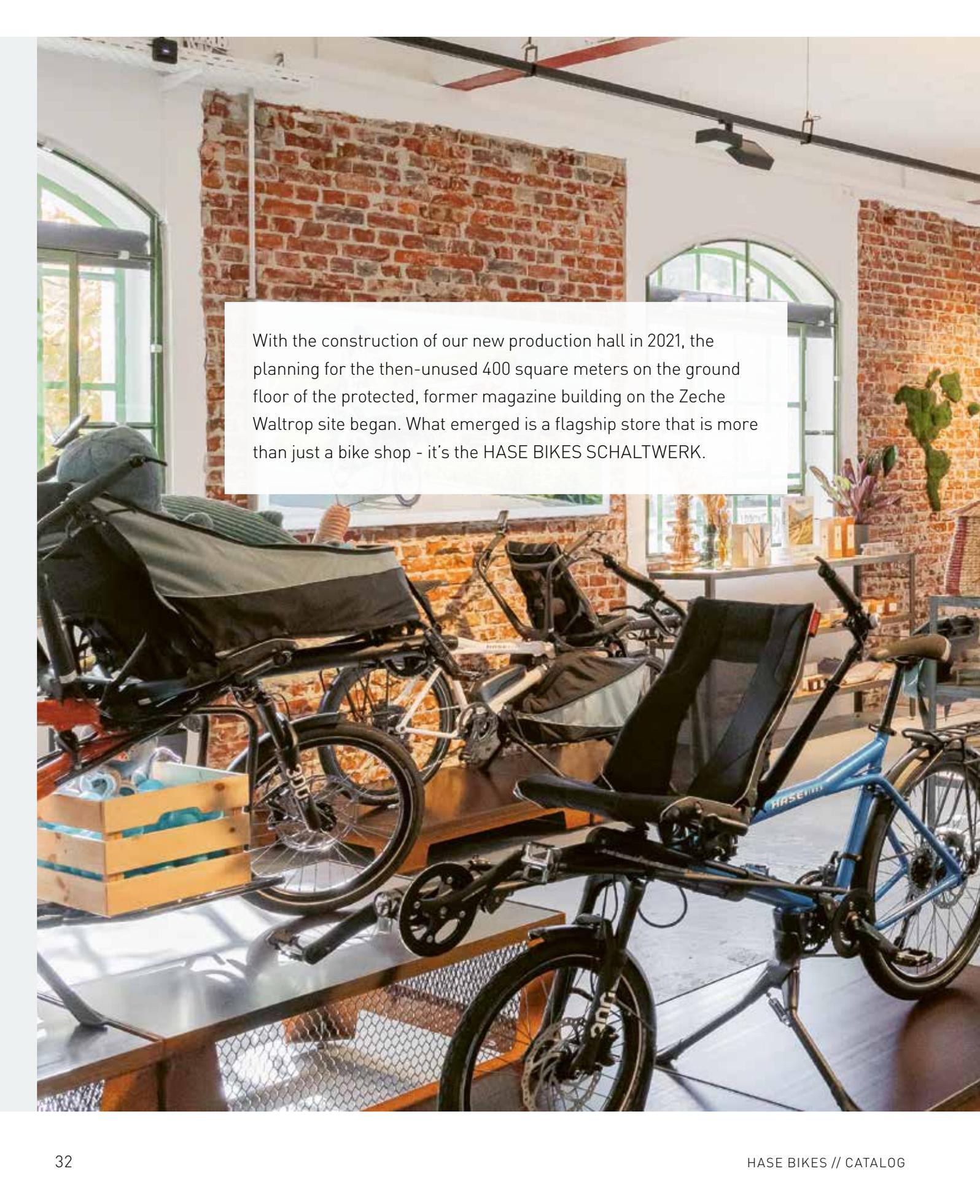


18 Differential (optional)

It's the invention that made the car possible. And on our trikes, it's the final ingredient for ultimate riding fun – especially on loose surfaces. Specially designed for the KETT-WIESEL, the Differential transfers the pedal power to both rear wheels. It shows its true colors on rough terrain or muddy slopes, where others skid out.



14

The image shows the interior of a bicycle shop. The walls are made of red brick, and there are large arched windows with green frames. Several bicycles are displayed on wooden stands. In the foreground, a blue bicycle with a black seat is prominent. To its left, a black bicycle is partially visible. A wooden crate with blue items is on a table in the foreground. The lighting is bright, and the overall atmosphere is modern and industrial.

With the construction of our new production hall in 2021, the planning for the then-unused 400 square meters on the ground floor of the protected, former magazine building on the Zeche Waltrop site began. What emerged is a flagship store that is more than just a bike shop - it's the HASE BIKES SCHALTWERK.



Welcome to the SCHALTWERK



Upon entering the SCHALTWERK, visitors are embraced by a sense of nostalgia. The modern elements of the interior harmoniously blend with the traces of the past that the building has to tell. While the name SCHALTWERK might remind you of bicycle parts, this flagship store is much more. It's the control center of HASE BIKES, a place that brings together people who share a passion for cycling.

From the very beginning, everyone agreed that this space should serve multiple purposes. It's about experiencing and taking

something away. Whether it's just a memory or a small purchase in the shop is, of course, up to each individual. In addition to test rides, there is plenty of time for the many photographs that document the company's history. Prototypes of components, hidden in accessible drawers, provide deeper insights into the engineers' work. A diverse dose of a museum for in-between.

Fresh air has been blowing through the old walls since Janina Steinhoff took over as head of SCHALTWERK. With a team of experienced and young Hase Bikes team members, she primarily and with great enthusiasm organiz-



es direct customer consultation at our facility as the manufacturer. She is overwhelmed by the response so far. Customers travel hundreds of kilometers or come from neighboring countries just to find the best mobility solution for themselves. She has the utmost respect, particularly for the perseverance of people with a long history of suffering. She is equally proud when one of the medical product advisors finds a solution with the customer to finally be mobile independently. You can learn more about our consultation on page 90.

Another centerpiece of SCHALTWERK is the open workshop with three fully equipped workstations. Company founder Marec Hase wanted the workshop to also have space for training sessions for our own apprentices or HASE BIKES dealers. The boss himself regularly spends time down there, tinkering with new ideas or his own bike. Most of the time, two full-time bicycle mechanics work in the workshop to maintain or modify our test bikes for consultation appointments.

As a gathering place, we host various events from Advent specials to panel discussions on transportation transformation. We'll tell you how this came about starting on page 66.

We're curious about what the future holds and what your experience at HASE BIKES SCHALTWERK was when you had the chance to visit us in Waltrop. [—————](#) ✕







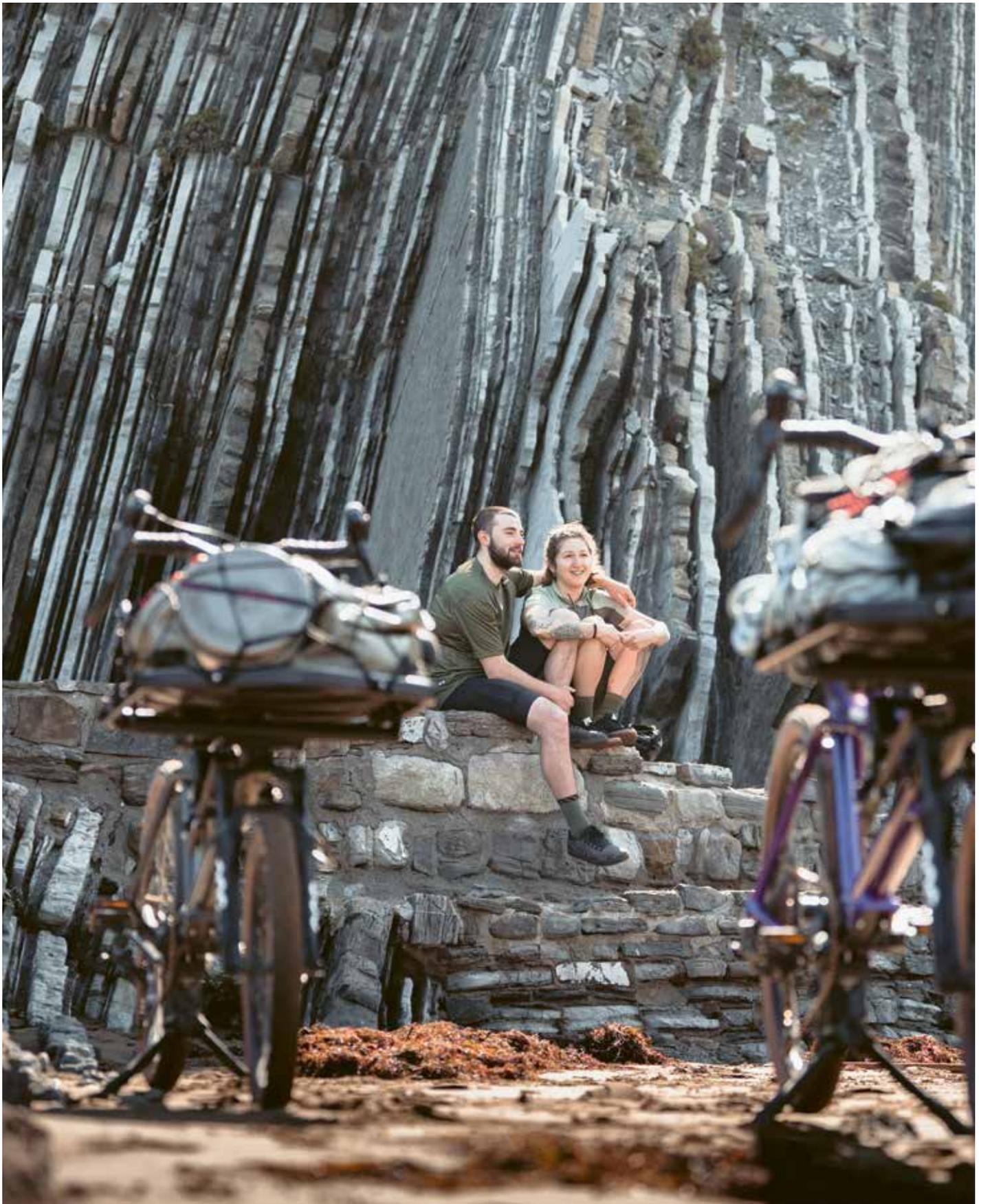
02 — Cargo Bikes

DECIDE ANEW EVERY DAY

Crossing a mountain pass, visiting the grandparents with the little one, and heading to the climbing gym. Sounds like a successful Saturday morning, doesn't it? And back to the office on Monday. Of course, we want to do all of this with our bikes. But where to put all those bikes? The most lightweight answer is GRAVIT, which weighs from 20kg and offers various usage possibilities in Candy Purple Metallic – or your preferred color.







Cargo bike with Gravel Factor



Thanks to the GRAVIT's sustainable concept, we've created two basic models to fit every body size from a uniform frame. Various adjustment options make this possible. Depending on the load and requirements, the wheelbase can be adjusted by more than 40cm. The board can be removed quickly and without any tools. This saves weight and, most importantly, space for transportation and storage.



Zodiac Sign Dirt Lover

The GRAVIT DUST has mud and dirt deeply embedded in its DNA. What appears on the outside as a dazzling personality in an elegant evening gown abandons etiquette when it comes to gravel riding. Hidden beneath is a full-fledged cargo bike with a maximum load capacity of 200 kg. Loads of up to 70 kg can be transported on the tool-free removable board. For those who need more or wish to distribute the weight for the optimal center of gravity, you'll find suitable solutions among the accessories.

A final highlight: equipped with only a 5 mm Allen key, GRAVIT DUST can be securely attached to the rear carrier in a matter of minutes, ready for the next adventure.



GRAVIT DUST



Specs and Features

- _ Aluminum, telescoping
- _ Total length 68½" (174 cm) without Cargo Board – 86½" (220 cm) x 22" (56 cm), or 16½" (42 cm) with the handlebars folded down and the Board and pedals removed
- _ Spinner 300 suspension fork
- _ Cargo area 19¾ x 33½ in. (50 x 85 cm), load capacity 154½ lb. (70 kg)
- _ 44 lb. (20 kg), load capacity 441 lb. (200 kg)
- _ Handlebars drop bars
- _ Gear system Shimano 11-speed derailleur / Microshift shift/brake levers
- _ Brake system mechanical disc brakes
- _ Wheels front 20" / rear 26" / tan wall tires / hubs with thru axle and Boost standard
- _ Crankset 170 mm, right 40 tooth
- _ Color Candy Purple Metallic

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>.



01

Transported on the rear carrier, the GRAVIT DUST naturally comes along on vacation. The cargo board is removed in a few seconds without tools and stowed in the trunk.



02

The handlebar is a central element of ergonomics. GRAVIT DUST is one of the first cargo bikes to be equipped with a drop bar, making it suitable for longer trips or quick sprints. In addition to the various grip options, the stem can be adjusted to fit the rider.



03

If you're out and about with the GRAVIT, you're sure to attract envious looks. In the DUST version, it comes with several design exclamation points as standard. The powder-coated frame in Candy Purple Metallic, combined with Billy Bonkers Brown tires and a golden chain, makes this bike impossible to overlook.



Moving what matters

The cargo bike for those who never wanted one. The trick? GRAVIT CITY E is like riding a bicycle. Once you've learned it, you'll handle this elegant all-rounder with ease. You can safely shed your fear of challenging maneuvers. The standard Shimano Steps mid-drive motor, mudguards, and powerful lighting make GRAVIT CITY E your everyday companion. For instance, when you stylishly chauffeur your little ones to the playground for a sand cake picnic with the comfort of a luxury sedan. The 20-inch suspension fork reliably absorbs bumps along the way. And if you ever feel the urge, this cargo bike shares the same genes as its free-spirited sibling from the GRAVIT family.



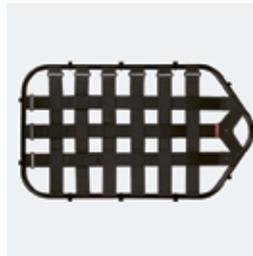
Super flexible Cargo Bike



Specs and Features

- Aluminum, telescoping
- Total length 70" (178 cm) without Cargo Board – 88" (224 cm) x 22" (56 cm), or 16½" (42 cm) with the handlebars folded down and the Board and pedals removed
- Spinner 300 suspension fork
- Cargo area 19¾ x 33½ in. (50 x 85 cm), load capacity 154⅓ lb. (70 kg)
- 64 lb. (29 kg), load capacity 441 lb. (200 kg)
- Pedal-assist motor Shimano Steps 6100
- Battery 504 Wh
- Handlebars flat bars
- Gear system Shimano 11-speed derailleur / Microshift shift levers
- Brake system hydraulic disc brakes
- Wheels front 20" / rear 26" / hubs with thru axle and Boost standard / Fenders SKS matte black
- Luggage rack Atran Velo (max. 55 lb./25 kg)
- Crankset 170 mm, right 44 tooth
- Lighting powered by motor battery / B+M IQ-X headlight / integrated taillight
- White, pearlescent, high gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>



01

In the hallway, the **loading area** saves space next to the GRAVIT CITY E. It can be quickly remounted to take the packages away. The webbing straps can be easily exchanged for the textile box via the keder rail in the cleverly designed frame of the loading area.



02

Power to the pedals: the **Shimano Steps E 6100**. The 2.8 kg lightweight mid-drive motor has a rated power of 250 watts and supports Eco, Normal, and High modes. The 504 Wh capacity lithium-ion battery is portable and can be fully charged in four hours.



03

The **Atran Velo** carrier can handle up to 25 kg of weight. It has low-mounted struts for panniers, which increases stability when loaded. An added bonus is the integrated rear light!





03 — Tandems

IS IT STILL A TANDEM?

Yes, it is. But it's also a family taxi and a cargo bike. In short: It's as versatile as a fleet of vehicles. It's a PINO. The PINO may not be the best bike for tandemists who would rather sit in the slipstream of the front rider and keep their hair in place than feel the wind in their face and enjoy a panoramic view. It is also not the best bike for kids who would rather sit, bundled up in a wooden box than be active co-pedalers in the front seat. And for people who can't imagine everyday life without a car, a PINO is nothing at all – until they enjoy it.



Time to Pack Up!

Here's good news even for those who aren't great at packing: the PORTER BAG alone can hold 80-120 liters. This means that even inexperienced Tetris players can stow away their week's groceries in no time. Beverage crates find their place conveniently on the PORTER RACK under the main frame of the PINO CARGO, following proper weight distribution. If you want to move the permissible 225 kg plus the bicycle, you'll need more than just video game experience. You'll need strength. Fortunately, that's provided by the Shimano EP8 mid-drive motor with its 85 Nm of torque.

For the tandem function, this means anything but sacrifice. On the contrary. Thanks to the adjustable-length cranks on the PINO CARGO, the bike can be quickly adjusted to accommodate passengers.



PINO CARGO



Specs and Features

- _ Aluminum frame, telescopic
- _ Spinner 300 suspension fork
- _ Porter Bag 80 L, expandable to 120 L
- _ Weight 38 kg
- _ Maximum load capacity 225 kg (with 40 kg on the Porter Rack)
- _ Shimano EP8 motor with 85 Nm, 504 Wh battery
- _ Shimano 11-speed chain drive, Microshift handlebar end shifters, and Ergon grips
- _ Hydraulic disc brake
- _ Front wheels 20" / rear 26", hubs with thru-axle and Boost standard
- _ SKS matte black fenders
- _ Tubus Logo luggage carrier (up to 40 kg)
- _ Front crankset: HASE BIKES adjustable from 65 – 165 mm, 38 T / rear: HASE BIKES with integrated freewheel, 170 mm, right 44 T, left 36 T
- _ HASE BIKES double kickstand
- _ Lighting powered by the motor's battery / B+M IQ-X headlight / B+M Toplight 2C Plus
- _ Dormant Orange

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>. The PINO is also available in a basic version without a motor.



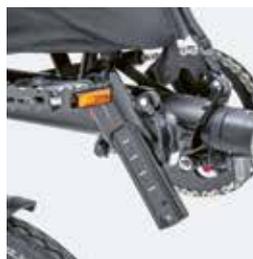
01

The **Porter Bag** It weighs a mere 3.5lb (1,600g) but can carry up to 88lb (40kg) of cargo! Once the cover has been zipped shut, the contents are well-protected from rain and dust. With the "top down", larger objects can be secured using safety straps.



02

The foldable **Porter Rack** can carry up to 88lb (40kg). When loaded, it improves both stability and handling thanks to the low center of gravity. The forged **Double Kickstand** with infinitely adjustable height (distance to ground) has an impressive base width of 27½ inches (700mm) and can also be easily engaged and disengaged when the bike is fully loaded.



03

When you use the PINO CARGO as a tandem, these **Adjustable Crank Arms** make it possible to quickly and easily adjust the pedals to the leg length of the front rider with no tools required. In cargo mode, the crankset disappears beneath the Porter Bag!



E-Power for City and Country

A picture is worth a thousand words – so what is there to add? Maybe that the front rider does not need any special skills, just a little trust in the rear rider. Or that the motor has a walk-assist function that makes it easier to push a fully loaded PINO. And that there's an extensive range of accessories for cargo, young riders and people with special needs – check out the section starting on page 64!

And now for a word that's worth a thousand pictures: climate protection. As a leisure bike, family taxi, and cargo bike all wrapped into one, the PINO STEPS is a truly viable alternative to owning a car. Truly. Or at least a second car.



E-Tandem with Cargo Capacity



PINO STEPS

Specs and Features

- _ aluminum frame, telescoping
- _ Length 72½–96½ in. (184–245 cm), width 23½–31½ in. (60–80 cm) or 9½ in. (24 cm) with the seat and pedals removed and the handlebars folded down, height 32¾–49¼ in. (83–125 cm)
- _ Wheelbase 46½–60¾ in. (118–154.5 cm)
- _ 73 lb (33 kg), maximum load 496 lb (225 kg)
- _ Shimano Steps E6100 electric-assist motor, 504 Wh battery
- _ Spinner 300 suspension fork
- _ Shimano 11-speed derailleur, Microshift bar-end shifters with Ergo grips
- _ hydraulic disc brakes
- _ HASE BIKES tandem crankset with integrated free-wheel, rear: 170 mm right 44T/left 36T, front: 165 mm 38T
- _ rear rim aluminum double wall with double eyelets, SAPIM stainless-steel spokes
- _ Hub with thru axle and Boost standard
- _ SKS matte black fenders
- _ Lights powered by motor battery: B+M IQ-X, integrated taillight
- _ AtranVelo rear rack (max. 55 lb/25 kg)
- _ White, pearlescent high-gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>. The PINO is also available in a basic version without a motor.



01

The **Shimano display** is mounted to the end of the handlebar, which is the ideal position for ergonomics and safety. Riders can easily keep an eye on all essential info – like speed, assistance level, estimated range, battery level, and much more – without having to turn their head or strain their neck.



02

Turns the PINO into a pedelec: the **Shimano STEPS E6100**. The lightweight 6.2 lb (2.8 kg) mid-motor has a max. output of 250 W and provides three different assist modes: Eco, Normal, and High. The 504-Wh lithium-ion battery is portable and can be fully charged in a mere four hours.



03

Be it two adult riders or heavy cargo: A large load requires strong brakes. This is why the standard version of the PINO STEPS is equipped with a **hydraulic disc brake system**, whose 4-piston calipers offer precision control at your fingertips.



To the Ends of the Earth or into the Waltrop Outback

At what point does a bike ride become a tour? When you've passed the 60-mile mark? After your first night under the stars? When you're carrying more than 40 pounds of luggage? In our opinion: as soon as you take off on your PINO TOUR. Once the panniers on the lowrider are packed and the tent, sleeping bags, and other supplies are strapped onto the rear rack, you can hardly wait to hop on and ride into the horizon. Then switch seats and continue down the path of wanderlust.

The PINO TOUR lets you explore the world with all your senses. The breeze plays with your hair, carrying with it a myriad of scents – from the roadside wildflowers, the grazing cattle, and the rustling pines. Okay, you may also catch a whiff of tractor diesel now and then ;-). But one thing's for certain: Every trip will feel like a tour. From the very first mile.



PINO TOUR



Specs and Features

- _ aluminum frame, telescoping
- _ Length 72½–96½ in. (184–245 cm), width 23½–31½ in. (60–80 cm) or 24 cm (9½ in.) with the seat and pedals removed and the handlebars folded down, height 32¾–49¼ in. (83–125 cm)
- _ Wheelbase 46½–60¾ in. (118–154.5 cm)
- _ 66 lb (30 kg), maximum load 496 lb (225 kg)
- _ Spinner 300 suspension fork
- _ 14-speed Rohloff Speedhub, compatible with 12 mm thru-axle frames, with twist shifter
- _ hydraulic disc brakes
- _ HASE BIKES tandem crankset with integrated freewheel, rear: 170 mm right 44T/left 38T, front: 165 mm 38T
- _ rear rim aluminum double wall with double eyelets, SAPIM stainless-steel spokes
- _ SKS matte black fenders
- _ Light from SON hub dynamo with thru axle: B+M IQ-X and Top lite Flat Brake plus
- _ Tubus Logo rear rack (max. 88 lb/40 kg), HASE BIKES Lowrider (max. 79 lb/36 kg)
- _ Blue, metallic high-gloss

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en>



01

A must-have for bike travel: the **Lowrider**. This heavy-duty HASE BIKES rack can hold one large and one small pannier on each side. Luggage that is carried in the front, under the recumbent seat, has no negative effect on handling and, in fact, provides for improved traction.



02

Another perfect place for luggage is in the back: the **Tubus Logo**. The narrow rack can shoulder up to 88 lb (40 kg). The panniers are carried extra-low for a lower center of gravity, which improves stability.



03

Top choice for long routes with varying levels of difficulty: The **14-speed Rohloff Speedhub** guarantees a smooth ride at all times, thanks to the linear gear ratios. Experienced touring cyclists swear by this low-maintenance gear hub, which is also practically indestructible.

PINO TOUR







PINO. PIN00. PIN000.
It's that adjustable.



The new PINO has a telescoping frame. But what does that mean? It means that you can shorten the wheelbase by simply pushing the front section into the main frame. And why would you want to do that? For example, to create a nimble cargo bike with the wheelbase of a normal city bike. Or to be able to park your family taxi in tight spaces in cellars, garages, or other parking areas. Or to shrink your tandem's wheelbase to that of a 29-inch mountain bike so that it can be carried on any rear-mounted car rack. That's why!



The picture that looks like a huge set of mechanical antlers is actually a photomontage of the PINO's new handlebars shown in various positions. For improved ergonomics, the handlebar width can be adjusted – without having to change the grip angle. The new handlebars are even height-adjustable. With this ingenious design, riders of any size and stature will be able to find the perfect handlebar position.

Versatile and Ergonomic



The robust handlebars are manufactured using swaging technology. They can be folded down into the transport position by loosening a single bolt and have adjustable stops for returning them to the preferred angle setting. If the recumbent seat is removed and the PINO is pushed together to its shortest length, then it fits onto any standard rear-mounted car rack. Which means it can be transported with almost any car!







Riding in front? Child's Play!

Oh what fun it is to ride! Kids as small as 3'3" (1 m) in height can get in on the action. And enjoy a front-row seat! They have a great view of their surroundings and can even call the shots. As co-pilots, they can also help with the pedaling instead of simply sitting idly in a trailer or child seat. But pedaling is optional, thanks to the freewheel mechanism. Which means that it's no problem at all if they forget to pedal now and then. And if they nod off after a long day at nursery school, Mom or Dad can easily keep an eye on their slumbering angel!

Advantages ... to the Power of 2: the PINO

Every tandem is the same. Except when it isn't - like the PINO. The PINO is a semi-recumbent tandem, which makes it multifunctional. The rear rider steers and shifts, while the front rider sits in an exceptionally comfortable recumbent seat. This principle of positioning the riders at two different heights offers a whole lot of advantages.

GREAT VIEWS



> PINO riders may not agree on everything... but they always share the same views. Unlike on a classic tandem, the rear rider on a PINO enjoys a panoramic view of the surroundings.

HOLDS A LOT OF CARGO



> With accessories like the Low Rider rack, which can carry up to four panniers under the front seat, the PINO is an ideal touring bike for both short and long excursions.

FREEWHEEL IN FRONT



> Pedal whenever the spirit moves you. Otherwise, the front rider can chill, conk out, rest, nap ... or just forget to pedal because there's so much exciting stuff to look at.

COMFIER THAN ANY SADDLE



> Who needs a park bench? The ergonomic recumbent seat is so comfortable that it can also be used for relaxing in the shade.

WE NEED TO TALK



> And you can ... without even having to raise your voice. Thanks to the special seat positions on the PINO, it's easy to prattle, plan, or philosophize.

CHILD AT DAWN, CARGO AT LUNCH



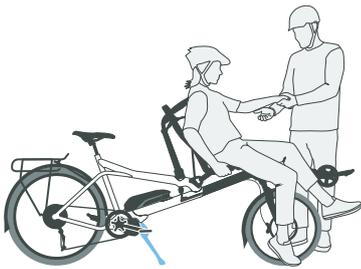
> The foldable Porter Bag transforms the recumbent seat into a shopping bag with a capacity of 120 liters. The Porter Rack can hold bulky and heavy cargo items – e.g. two beverage crates.

OUT IN FRONT WITH SPECIAL NEEDS



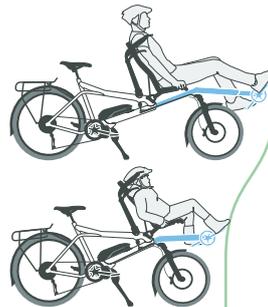
> With its freewheel, seat expansions, special harnesses and adaptive pedals, the PINO can be a game changer for people with disabilities, in many cases making cycling possible for the first time.

GET INTO THE SEAT COMFORTABLY



> The PINO rests safely and securely on its double kickstand, even when loaded. This makes it easy for the rear rider to help a front passenger get into and out of the seat.

THE PINO GROWS WITH CHILDREN



> The PINO can be infinitely adjusted to accommodate riders as tall as 6'7" (2m) in height or – with the length-adjustable crank arms and an adapter – as small as 3'3" (1m).

ALL PACKED UP IN FIVE MINUTES



> In no time at all, the PINO can be made as small as a 29-inch mountain bike. Then it fits onto any standard rear-mounted car rack – and therefore also on almost any car.

Accessories for Tandems and Cargo Bikes

PINO



01 Porter Bag >FOR PINO

Even the base stats are impressive: rainproof, dustproof, and an 80-liter capacity, which, thanks to an extra zipper in the cover, can be expanded to 120 liters. The entire bag weighs a mere 3.5 pounds (1,600 g) but can hold as much as 88 pounds (40 kg). Practical: The Porter Bag can be folded up behind the seat.

02 Porter Rack >FOR PINO AND GRAVIT

Porter Rack FOR PINO AND GRAVIT The folding carrier can be mounted under the main frame. It can carry a load of 40 kg, making it ideal for storing two beverage crates with a low center of gravity. Once installed, the Porter Rack is a great way to transport additional luggage in tandem mode, for transporting children, or for larger shopping trips.

03 Rack Bag >FOR PINO AND GRAVIT

Rack Bag FOR PINO AND GRAVIT The Rack Bag is an option for the Porter Rack. It can be integrated into the carrier and provides 80 liters of weather-protected storage space. The robust frame of the Porter Rack serves as the bag's baseplate. The Rack Bag can be quickly removed using four Tenax buttons.

04 Lowrider >FOR PINO AND GRAVIT

Lowrider FOR PINO AND GRAVIT The HASE BIKES Lowrider allows you to attach a large and a small bag on each side. When mounted on the main frame, the additional weight does not affect the steering behavior in any way. The only compromise is the choice between the Porter Rack and the Lowrider.

GRAVIT



Accessories for Tandems and Cargo Bikes



01



05



02



06



03



07



04



08



09

05 Weber-Dock >FOR PINO AND GRAVIT
Weber-Dock FOR PINO AND GRAVIT Weber couplings are fantastic because they can turn bicycles into towing machines for all kinds of trailers, whether it's for children, dogs, or cargo. To make our tandems and cargo bikes compatible with them, we've designed a "Weber Plate" that securely accommodates the coupling.

06 Seatback Bag >FOR PINO
The "glove compartment" for the captain: This weatherproof bag with a volume of over 5 liters is attached to the back of the recumbent seat. Thanks to the Fidlock fasteners, it is easy to remove, and thanks to the carrying strap, you can simply take the whole bag with you. Also for Trikes

07 Textile Box >FOR GRAVIT
The GRAVIT textile box turns the GRAVIT into a versatile cargo bike. The dimensionally stable, high-quality bag is made of the extremely lightweight and tear-resistant fabric X-Pac VX21 with grid structure.

08 Child Seat >FOR GRAVIT
The child seat is fixed in the GRAVIT textile box. It is suitable up to a height of 1.20 m. The lid of the bag serves as protection from wind and rain.

09 Double Kickstand >FOR PINO AND GRAVIT
Dual Kickstand FOR PINO AND GRAVIT The HASE BIKES kickstand is forged and can support up to 100 kg. However, it's the stability that sets this stand apart. With a 700 mm support width and continuously adjustable ground clearance, PINO and GRAVIT can be parked securely. It can be easily folded in and out, even when the front wheel is already loaded.



A Day with Lucy Saunders



On the invitation of HASE BIKES, Lucy Saunders who resides in London, visited us in Waltrop on May 12 and 13, 2023. The main focus was on exchanging ideas with politicians and local residents from various municipalities. Usually, she lectures worldwide on her Healthy Streets concept. Lucy and her team are responsible for London's urban planning, with a constant emphasis on people and their health.

At the Core of It All: The Human Being



It's the morning of May 12, 2023. Between two points of interest, solutions for our city's transformation are being discussed when Lucy stops the group suddenly. Everyone had crossed the street without realizing that the curb at the intersection wasn't lowered. A small detail that sparks reflection. Admittedly, Walthrop is not London. But even in smaller cities, urban planning shouldn't hinder public health, a consensus among all participants.

Kirsten Hase, Head of Marketing at HASE BIKES, shares a similar conclusion, 'The topic of transportation transformation is emotionally charged, and discussions are often heated. Despite manufacturing bicycles, our aim is to address transportation transformation holistically. Our goal isn't to sell more bikes. It's about making cities more human-friendly.'

The event in Walthrop has already set things in motion. It will take some time for the initiated plans to be implemented. We've made a start, and we are following Lucy Saunders' projects and the further development of our cities with confidence. ————— ✕





* Translation for adults: The adaptive trikes and tandems from HASE BIKES make it possible for kids with disabilities to experience independent mobility. They help develop motor and social skills – and most importantly, build self-esteem.



04 — Adaptive Trikes for Kids

KNOW YOUR LIMITS, THEN DEFY THEM

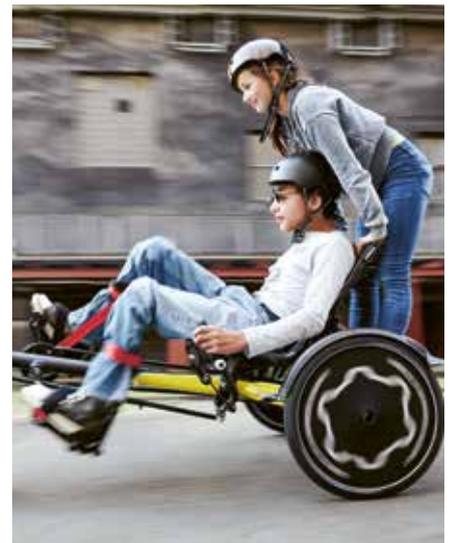
The trikes and tandems from HASE BIKES are waiting for you. Waiting for you to slip your feet into the pedals and unleash your inner explorer. You have the right to go your own way – and if you can't walk it, then ride it! Discover the exhilaration, feel the wind on your face, rail the corners, and let the mud fly. You'll LOL so much more when you're AFK ... fun, friends, and freedom are right outside your door.*



A Prescription for Action? Trike it out!

— If you want to move forward, just put up your feet and lean back in your seat. Sounds like a paradox, but it's actually just TRIX. A recumbent trike with a low center of gravity, the TRIX is so stable and agile that even riders with severe disabilities won't have any problem leading the pack – and looking effortlessly cool while doing so.

Anyone between 4'1" and 6'3" (1.25 and 1.90 m) has a license to trix. Riders with a need for speed can rely on the high-quality disc brakes that come standard with the TRIX. And those who have trouble pedaling smoothly can choose to ride with a fixed gear. The TRIX may not be able to move mountains, but it can ride around them, and triking over them is pretty fun too.



TRIX



Specs and Features

- _ Aluminum, quick-adjust frame, foldable
- _ 67–90½ x 34 x 31½ in. (170–230 x 86 x 80 cm), folded 45½ x 34 x 24 in. (116 x 86 x 61 cm), seat height 19½ in. (50 cm), bottom bracket height 17 in. (43 cm)
- _ Height of rider 4'1"–6'3" (125–190 cm)
- _ 46 lb (21 kg), max. load 309 lb (140 kg)
- _ 8-speed Nexus Premium gear hub
- _ Pedals with Toe Clips and Straps
- _ Crankset 140 mm 32T
- _ aluminum double-walled rims, SAPIM stainless-steel spokes
- _ Reflective spoke protectors
- _ Lighting system with rechargeable battery: B+M Lumotec IQ Eyro headlight, Toplight Flat S Permanent taillight
- _ Yellow

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>.



01
Small hands? No problem with the TRIX: Its special **children's brake levers** feature a shorter reach so that young pilots can keep control of the action just as well as the grown-ups. If needed, the TRIX can also be equipped with single-hand controls.



02
The TRIX comes with **spoke protectors** ... and they're not just for advertising. Although, admittedly, we are pretty proud of our trikes. But more than anything, the protective covers are there for safety, so that nothing can get caught in the spokes – and the spinning graphics look amazing when you start to pick up speed!



03
Recumbent trikes are particularly intuitive for kids to ride because they can see their legs while pedaling. To make sure their feet are held securely in place, the pedals are equipped with **toe clips and straps**. Pedals with calf support, along with many other adaptive accessories, are also available.



Happiness with handlebars

The newest trike from HASE BIKES is a trike for the youngest riders. To be exact: an infinitely adjustable trike for all kids between 3'3" and 5'3" in height (1–1.6 m). The new TRET'S has easy-to-use under-seat handlebars. They make young riders feel pretty cool – and honestly, they are! Those who think above-seat handlebars are even cooler can order them as an option. For more information, see page 31.

And now the wow factor: If the TRET'S' poison-green finish wasn't eye-catching enough – there's also a set of funky stickers! Kids can choose between wild dinosaur or pink "Glam." Neither is meant for girls or boys only – everyone should simply choose the stickers they like most!



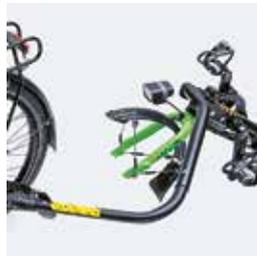
TRETS



Specs and Features

- Aluminum frame and fork
- Under-seat steering
- 60–70½ x 29 x 27–31 in. (152–179 x 73 x 68–78 cm),
65–75½ x 29 x 27–31 in. (165–192 x 73 x 68–78 cm)
in trailer mode, seat height 13–17 in. (33–43 cm),
bottom bracket height 12½ in. (32 cm)
- Height of rider 3'3"–5'3" (100–160 cm)
- 43 lb (19.5 kg), max. load 220 lb (100 kg),
max. load in trailer mode 176 lb (80 kg)
- 8-speed Nexus premium gear hub
- Pedals with Toe Clips and Straps
- Crankset 115 mm 32T
- aluminum double-walled rims,
SAPIM stainless-steel spokes
- Reflective spoke protectors
- Lighting system with rechargeable battery:
Spanninga Axendo headlight, Spanninga Elips
taillight
- Green/black

Detailed information on specs and features can be found at <https://konfigurator.hasebikes.com/en/>.



01

Remove the front wheel, attach the draw bar, and the trike is in **trailer mode**. Then it can be hitched to one of the parents' bikes for long bike tours or for taking tired toddlers home from nursery school. Oh yeah, and there's also a Guide Bar. All parents know why ...



02

Please stay seated: The **five-point harness** keeps the little ones in their seat – even when cornering at high speeds. Ideal for riders who are unable to hold themselves upright, for kids with the fidgets, and for anxious parents.



03

Thanks to its modular design, the TRETS can grow with the child and be easily adjusted to fit riders of all shapes and sizes. For the **stepless length adjustment**, all you have to do is open a lever and slide the seat into the appropriate position. Without tools and without having to shorten the chain!



Who? Where? How?

> WHO CAN BE A HASE BIKER?

There are more possibilities than you'd expect! Thanks to the intuitive controls, exceptional safety features, and numerous technical solutions for special needs, it's even possible to ride these trikes with severe physical and/or mental impairments. But there's only one way to find out whether it works for you: **trike it out!**

> WHERE CAN YOU TAKE A TEST RIDE?

Worldwide, there are more than 550 HASE BIKES dealers who keep our bikes and trikes in stock for test-riding. Just give it a try – in the worst case, the rider will simply enjoy sitting in the comfy recumbent seat, but in the best case, the sitting will turn into riding, and the delight will be written all over their face. The addresses of HASE BIKES' dealers can be found on our website:

www.hasebikes.com/en/dealer

Fun to the Power of two! PINO!

A bike with a heart for families – that's the PINO, a semi-recumbent tandem, on which you'll always reach your destination together. Whether it's down the street for an ice cream cone with sprinkles or a weekend trip to the lake, the little ones always enjoy a front-row seat!

Curious? More information on the PINO is provided from page 47 of this catalog. At hasebikes.com, you can find features like the HASE BIKES configurator or a film about Nikki Garwood, who in spite of severe disabilities has taken part in Ironman competitions with his father – and crossed the finish line on a PINO!







Welcome to Waltrop*

It's a great place. The historical site of the former coal mine Zeche Hibernia in Waltrop, with red-brick industrial architecture surrounded by lots of green, is not only a popular place for outings, but also a great place to work. Our manufacturing facility for specialized bikes employs more than 100 people who have turned their passion into a profession. It's a place where craftsmanship meets headwork, expert knowledge meets lateral thinking, and idealism meets reality. After more than 25 years, we're large enough to have specialists for everything – but still small enough for everyone to know each other. Thank goodness!

* Would you like to come for a visit? Make an appointment at <https://hasebikes.com/31-1-COMPANY-TOUR.html>!

HASE BIKES



02

01

In 2023, we once again participated in the „Schokofahrt“ (Chocolate Ride). Even before its official release, the GRAVIT (from page 37) was put into action to pick up emissions-free transported chocolate from Amsterdam. Learn more at schokofahrt.de!



01



03

02-03

The 3000 m² large hall is already the fourth and largest building at HASE BIKES. The central centerpiece is an authentic mining wall that was carefully crafted and integrated into the hall by hand. Offices and changing rooms are in-

corporated behind it. Matching the bicycle boom during the pandemic, production capacities were doubled thanks to this new building.

In addition to relocating to the immediate vicinity, the produc-

tion method has also changed. In the old hall, only eight bicycles could be manufactured simultaneously in batches. Now, HASE BIKES operates in a continuous production flow. This expansion even allowed for the hiring of new employees.

Our Company



05



04

04-06

The SCHALTWERK (from page 32) and the new production facility were introduced to the public in August 2022, with a big family event. For the first time, visitors could browse the shop or participate in one of the many activities.



06



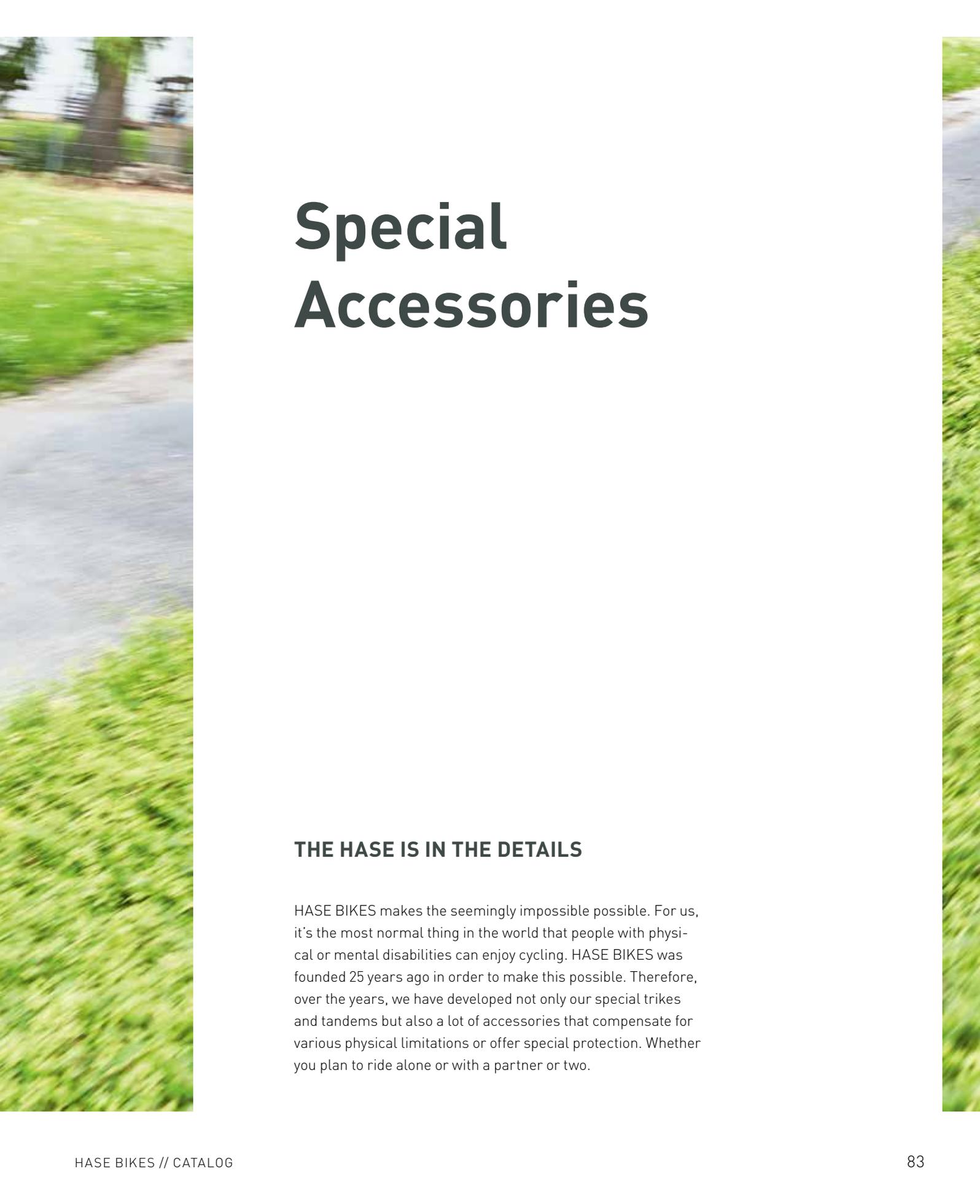
07

07

HASE BIKES regularly organizes peaceful bicycle protests. For healthy interactions and sustainable transportation concepts,

well over 100 participants from the surrounding cities come together, just as they did at the opening event.





Special Accessories

THE HASE IS IN THE DETAILS

HASE BIKES makes the seemingly impossible possible. For us, it's the most normal thing in the world that people with physical or mental disabilities can enjoy cycling. HASE BIKES was founded 25 years ago in order to make this possible. Therefore, over the years, we have developed not only our special trikes and tandems but also a lot of accessories that compensate for various physical limitations or offer special protection. Whether you plan to ride alone or with a partner or two.

Special Accessories and Options



01 Crank with adjustable length

This crankset for the front rider has crank arms that can be quickly adjusted to the leg length of the rider. No tools required! This is useful for therapeutic purposes, but also makes it possible for the smallest co-pilots to help with the pedaling. If you're riding solo with the PINO in cargo-bike mode, the crankset can be positioned under the Porter Bag with the crank arms pushed all the way in!

02 Pedals with Toe Clips and Straps

The toe clips hold the front of the foot securely, keeping the foot in the correct position. The elastic cord around the heel prevents the foot from slipping. Also available in a children's version.

03 Special Pedals

We designed our Special Pedals in cooperation with Ergodynamik Busch. They are perfectly adjustable to all needs and preferences: For starters, they fit an impressive range of shoe sizes, from US kids' 1 to US men's 16 – which makes our pedals unique. And the angle to the direction of travel can also be adjusted over a very wide range. Once the pedal has been adjusted, it's easy to fasten and release the strap with a single hand. The foot is held comfortably and securely in the proper position. The pedal is also suitable for riders who pedal with their heels.

04 Calf Support

The Calf Support was also designed for use with the Special Pedals. What makes it so special: In spite of the firm leg support it provides, the ankle joint – thanks to an adjustable elastomer spring – remains flexible, allowing for a circular pedaling motion. This is important because, when a joint is immobilized, the muscles atrophy.



Special Accessories and Options



04



03



03



04



03



Special Accessories and Options

05 Crank Shortener with angle compensation

The Crank Shortener makes it possible to freely adjust the length of the crank arms, e.g. for riders with legs of different lengths. The forged part not only looks good but also is more robust and can even be properly aligned on offset crank arms.

06 Pendulum Pedal with angle compensation

The Pendulum Pedal can help riders with severely limited knee and hip joint movement to slowly regain their mobility. The design of the Pendulum Pedal has been slightly updated, and a new hole has been added. This hole can be used for reaching the bolts of the Crank Shortener, which saves time and hassle when removing the accessory or making adjustments.

07 Armrest

The comfortable armrest allows for a relaxed posture if a rider cannot hold the weight of their arm without support.

08 One-Sided Leg Support

Our solution for people with one-sided paralysis or disability. The healthy leg pedals, while the other is strapped comfortably and securely in place.

09 Trailer Kit (optional)

With the Trailer Kit, even normal upright bikes can be used for towing a TRIKE. The integrated overrun brake system works automatically: When the towing bike brakes, the TRIKE brakes with it.

10 Holder for Walking Stick

Just place the walking stick or cane in the holder, secure it with the clamp, and you're ready to go. Multifunctional.



07



08



09



10



11



12

11 Extra-Long Handlebar Grips

The Extra-Long Handlebar Grips for the KETTWIESEL and LEPUS are 16 inches (40 cm) longer than the standard grips. This is ideal for people with very short arms.

12 Hand-Crank Assembly PINO (optional)

The crank for anyone who would like to help with the pedaling in the front seat of the PINO in spite of limited leg function. The Hand-Crank Assembly is height-adjustable and can be folded forward when the rider is getting into and out of the seat.



13



14



15



16



17



18



19

13 Telescopic Safety Flag with Mount

The telescopic pole with the yellow flag has a high-quality design. It can be mounted securely to the trike using a special HASE BIKES bracket. This safety accessory is also compatible with the Foldable Fairing and the Rain Cover for the seat.

14 Safety Cover for Wheels

Prevents riders from coming in contact with the wheels or brake discs – for extra safety.

15 Harness System

The Harness System with magnetic buckle and child-proof buckle guard is flexible and easy to open and close. It can be used as a combined lap and shoulder restraint or, with an additional strap between the legs, as a 5-point harness. (optional pads)

16 Gear hub with freewheel switch-off

Small Shifting Ring, big effect: Thanks to the HASE BIKES accessory for the Nexus hub, it is possible to effortlessly switch from a fixed gear to an 8-speed drive with a freewheel mechanism, and back again.

17 Single-Hand Controls

A single grip with all control elements! Using a special adapter, two brake levers can be mounted on one side. This allows the rider to shift gears and control both brake levers using a single hand.

18 Steerable Guide Bar

The steerable Guide Bar with brake lever gives the support person full control of the trike, but they can turn this control back over to the rider at any time.

19 Hydraulic Coaster Brake (optional)

If the legs are more mobile than the hands, the coaster brake ensures full braking power – with high tech: Pedaling backwards transfers the leg power to a hydraulic disc brake.

Special Accessories and Options

20 Headrest

For big and small, for trikes and tandems:
The Headrest can be attached to the back of the recumbent seat and offers extra comfort for the rider. If side support is also needed, the wings on the right and left can be folded forward to hold and protect the rider's head. In the third position, it becomes a neck support – e.g. for helmet wearers.



20

21 XXL Seat (optional)

The KETTWISEL seat is also available in XXL. It offers extensive adjustability and has an extra 2¾ inches (7 cm) of space to comfortably accommodate riders of all shapes and sizes.



21

22 Seat Extension

The extension option for our standard seat increases the seat size so that your weight is distributed more evenly over a larger surface area. For people with disabilities or large riders. Not compatible with TRIGO or TRET.S.



22



23

23 Ergonomic Push Bar

If a triker needs a little help getting their wheels rolling, e.g. because they are riding without a freewheel mechanism: The Ergonomic Push Bar not only helps the triker, but also prevents strain on the hands and wrists of the person doing the pushing. Not compatible with TRIGO or TRET.S.



24



25

24 Turn Signal System

More attractive, durable, and sophisticated: The redesigned Turn Signal System with hazard-light function. It also provides the rider with a visual and acoustic signal when it's blinking. The battery-powered system is attached to the seatback, and the controls to the handlebar grips – either one button on each side or both buttons on a single grip.

25 Vario Comfort Seat cover

Its vario concept makes it possible to adapt the seat contours to the shoulders, back and pelvis of the individual rider. The well-padded cover is available as an accessory. It fits to the recumbent seat frames of all* our trikes and PINOs and is easily attached with Velcro straps. * Exceptions: TRET.S Seat

26 Wedge Cushions for Vario Comfort Seat

Adaptive plus: Our Wedge Cushions can be used in combination with the Vario Comfort Seat Cover for an optimal ergonomic seat adjustment. The cushions are available by the piece and can be used at six different positions on the seat cover – it's even possible to double them up!



26



No Consultation, no Bike? Exactly.

At HASE BIKES, we don't aim to build 'the bicycle,' it must be 'your bicycle.' To ensure that we find the best solution for you, we take our time. After all, feelings can't be purchased online in a rush. And as long as that's the case, we're delighted to welcome you to SCHALTWERK.

Our team of experienced advisors provides on-site information about the features of various HASE BIKES models. From Tuesday to Saturday, you can book an appointment on our website at www.hasebikes.com/en/schaltwerk/ focused entirely on you. In

addition to comprehensive consultation, the showroom and the surrounding area are perfect for extensive test rides. If that's not enough, we can also find a solution for an extended test.

With the configuration in hand, we confidently hand you over to one of our specialist dealers. They not only excel in knowledge about ergonomics and physiology but also have experience in the rehabilitation field. Moreover, they are reliable points of contact for further adjustments, maintenance, repairs, and more.

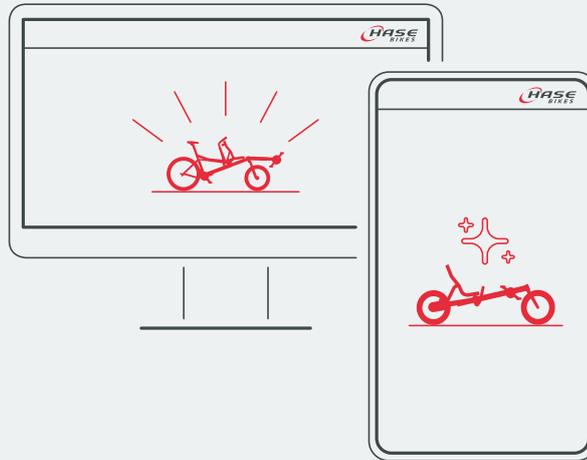


WORLDWIDE MORE THAN 550 DEALERS.

The nearest HASE BIKES dealer may not be just around the corner, but definitely on your continent. All addresses on our website:



www.hasebikes.com/en/dealer/



The End ... and the Beginning

Welcome to the last page of our catalog. We squeezed in as much information as we could. But of course, there's so much more we'd love to tell and show you. That's exactly what we do on our website.

Along with more information on our trikes, bikes, and accessories – and fascinating stories about HASE BIKES and our customers – you can find many great things that aren't possible in printed form: e.g. a **configurator for creating your dream bike or trike**, an **dealer search**, **downloadable brochures**, and **lots of videos**. There are also links to our channels on instagram, youtube and facebook.

www.hasebikes.com

IMPRINT

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