ADVENTURE. ANALOG.
We’re the “outsiders”

We can spend hours, days, weeks, even years under open skies. We’re the ones for whom speed isn’t measured in bits. For whom being stuck indoors is the ultimate punishment.

Who zoom through the world, instead of zooming it in on a screen. These are our bikes and trikes. Experience them for yourselves: feel the spine-tingling exhilaration.
This is 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. Be it off-road thrills in the forest or insane challenges at the bike park, one thing is clear: the fun-seeking CROSS has a nose for the road less traveled!
**Downhill**

Bombing downhill, leaning into corners, testing your limits: this is the off-roader’s raison d’être. The CROSS has an extremely sporty chassis and keeps its cool on the gnarliest stretches – thanks to the independent wheel suspension with sway bar and special air shocks. And to keep the CROSS from bottoming out on rough terrain, we’ve even developed our own HASE BIKES linear derailleur with plenty of ground clearance.
**Uphill**

Surrender to that steep, pebbly slope?
Not this trike! Every CROSS comes with a differential, which transmits power to both rear wheels.
And the tires almost never lose traction, because – with a delta – the rider’s weight is over the rear axle. This helps you rocket up the ascents.
And if your legs give out, there’s always the motor . . .

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**Chill**

Relaxing in the recumbent seat isn’t exactly an off-road discipline, but that doesn’t make it any less cool. And it’s one of the ways you can explain the magic of triking to diehard “uprighters.”
Also mention that the CROSS can turn on a dime, pull a second trike as a tandem, and park upright. It can even be equipped with special pedals for riders with disabilities!
**CROSS STEPS specs:** Frame: AL · Weight: 66 lb (30 kg) · Max. load: 309 lb (140 kg) · Susp. fork: Spinner Grind 1 · HASE BIKES folding joint · Folded size: 37¾" × 35½" × 19¼" (96 × 90 × 49 cm) · **Suspension:** HASE BIKES EVO ind. wheel · Wheels: 20" · Gears: HASE BIKES Linear 11-speed, 11–42 T · **Crankset:** Shimano Steps 170 mm 38 T · **Drive system:** HASE BIKES Differential · **Motor:** Shimano Steps max. 15 mph (25 km/h), Battery: lithium-ion battery, 504 Wh,
You can ride the 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 frame, three quick steps is all it takes to transform the trike into a compact unit measuring a maximum of 38 inches (96 cm).
Wanderlust, courage – and beefy calves.

A journey on the PINO TOUR is probably one of the most intense experiences two people can share. As a semi-recumbent tandem, it’s the perfect touring bike: both riders enjoy an unrestricted, panoramic view and can philosophize about everything under the sun without raising their voices; unless they disagree . . . but that wouldn’t be the PINO’s fault. Speaking of philosophy: if the journey is the destination, can you ever arrive at the same time?

THE WORLD IS YOUR OYSTER
**Good haul**

The PINO is a lot like a pack mule, in that it can carry large loads for long distances without losing its “footing.” Three panniers on each side, a pile of cargo on the rear rack, and various necessities strapped on everywhere: there’s plenty of space for everything. And the handling is still rock solid.

**Good food**

The all-you-can-eat buffet may offer more choices, but then you’d have to wait in line and sit in a stuffy restaurant. It’s much more fun to whip up some open-air pasta with a little “something.” And what if that something is missing? Then one of you can make a quick shopping trip with the PINO while the other sets up camp . . . and starts planning the next day’s adventures.
When you park your PINO in the square, the village dog is usually the first to come investigate. Not far behind him are the giggling children and head-shaking elders with thousands of questions. Good thing the PINO has no problem waiting patiently, propped up on its robust double kickstand. It’s so unshakeable that you can even let one of the village youngsters pose in the recumbent seat while Grandpa takes a souvenir photo.
PINO TOUR specs: Two-part frame: AL - Max. load: 495 lb (225 kg) - Weight: 55 lb (25 kg) - **Susp. fork:** Spinner Grind 1, reinforced version - **Disc brakes:** Shimano Deore XT - **Wheels:** Rear: 26" DT Swiss 340, Front: 20" - **Gears:** 2×11 - **Crankset:** HASE BIKES Tandem with freewheel, Rear: 170 mm 44/32 T, left 36 T, Front: 165 mm 38 T - **Lighting:** SON; B & M IQ-X 100 lux - **Racks:** Tubus Logo max. 40 kg - **Lowrider:** HASE BIKES PINO Lowrider 12 mm aluminum, max. 25 kg.
Shimano Deore XT Shadow Plus, cassette Shimano SLX 11-42, derailleur Deore XT Trekking, Microshift bar end shifters

**Kickstand:** HASE BIKES double kickstand, max. 100 kg  
**Color:** RAL 9005 matte Jet Black/powder-coated

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**PINO TOUR**

Why does the PINO have a **two-piece frame**?  
So that it can be transported by car. Or by bus. Or in a small plane. Basically by any means of transportation, e.g. on those unbikeable parts of your journey. Once you reach your next destination, you can reassemble the tandem in a flash, pack it up — and hit the road.

The **lowrider** is more than just a cool name. It has an important function: one large and one small pannier can be securely attached to each side of the rack under the recumbent seat, where they won’t disturb the riders. And the low center of gravity is great for handling.

Essentially essential: the **double kickstand** for absolute stability when parked — even during loading or when fully loaded. This clever feature can balance a whopping 220 lb (100 kg). But please don’t pack everything on one side . . .
Standing ovations for a recumbent trike: the TRIGO, a red cornering wizard and newcomer to the HASE BIKES universe.

The best part: you can enjoy the exhilaration of delta triking without blowing your budget! How, you ask? It’s easy: the TRIGO is modular. It’s not as customizable as the KETTWIESEL . . . but its flexibility is second to none. A whole lot of lateral thinking went into the design of this nimble speedster, but luckily that’s always been in the HASE BIKES DNA.
Habit-forming

Once you’ve experienced how sporty you can be in a comfy, recumbent seat, you’ll be hooked. And if you plan on using the TRIGO for more than simply sports and fun, then be sure to check out the wide range of accessories. For example, the ROLLER RACK, ROLLER BAG, and FOLDABLE FAIRING are all extremely practical for everyday use. The same applies to the SHIMANO STEPS mid-motor, which can be retrofitted in a few simple steps.
**Corner-hugging**
The low position of the seat between the rear wheels makes the TRIGO extremely stable, and the single wheel in front guarantees outstanding agility – the perfect combination for confident cornering. And with 24 gears, you can enjoy speeding down the straightaway. Or downhill. Or uphill. Or anywhere the road takes you.

**Quick-adjusting**
“Can I try?” On the TRIGO, you’ll hear this question a lot, and it’s a great chance to show off the trike’s flexibility. The modules move along guide rails and are infinitely adjustable. Therefore, the TRIGO can be quickly adjusted to a new rider without using tools . . . provided that the rider is between 4’7” (1.40 m) and 6’7” (2 m) in height. And provided that you’re willing to share.
**TRIGO specs:** Length: 70½” – 82¾” (179 – 210 cm), without front wheel 61” (155 cm) - Width: 32¼” (83 cm) - Height: 38¾” – 42” (98.5 – 106.5 cm) - Seat height: 23”– 26¼” (58.5 – 66.5 cm) - Bottom bracket height: 12½” (32 cm), Weight: 47 lb (21.5 kg) - Fork: aluminum - **Brakes:** Promax DSK300 mech. disc brakes, forged AL brake levers, locking mechanism - **Wheels:** 20” - **Gears:** 24-speed; Shimano Altus Mix - **Crankset:** Samox 155 mm 50/39/30 T
with Steps 11¾" (30 cm) · Wheelbase: 50¾"—63" (129–160 cm) · **Frame**: 6061 aluminum · Max. load: 309 lb (140 kg)

**Lighting**: none · **Colors**: RAL 9005 glossy Jet Black, RAL 3002 glossy / powder-coated

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**TRIGO**

The **ergonomic, black mesh seat** not only provides exceptional comfort, but also helps you put full power to the pedals. The seat tilt can be set to your preferred position using a quick-release mechanism.

The TRIGO even has **adjustable handlebar grips**: both the angle and width are adjustable, ensuring that every rider can enjoy the perfect hand position for steering, grip-shifting, and braking.

Thanks to its modularity, the TRIGO can be easily adjusted to fit friends, family members, housemates, guests, and customers of all shapes and sizes. For the **length adjustment**, all you have to do is open a lever and slide the seat into the appropriate position. No need for tools and no need to shorten or lengthen the chain!
And where do kids fit in?
In the front seat, of course! They sit safely in a three-point harness and watch the world drift by. Young energy bundles who can’t reach the adult pedals can use the CHILDREN’S CRANKSET with its freewheel and quick-release mount.

How do I ride with a disability?
Where there’s a HASE BIKE, there’s usually a way! A group of school students with mental and physical disabilities crossed the Alps on our bikes and trikes with adaptive HASE BIKES accessories. And Nicholas Garwood, who has cerebral palsy, competed on the PINO with his father in the Ironman South Africa!
How do I get started?

Maybe with a little reading. For example, the blog where Claudia and Peter write about their 707-day trip around the world on their PINO (the pack mule from p. 13):

www.wecycletheworld.wordpress.com

Or visit www.hasebikes.com and our Facebook page to read about all the amazing things people are doing on our bikes and trikes.

Then it’s time to stop dragging your feet and get them in the pedals!

Your HASE BIKES adventure awaits.