



Date July 2014
Publication immediate
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Visit HASE BIKES at the Eurobike show in Friedrichshafen, Germany, from August 27-30, 2014: Open Air Grounds FG-WB128

More comfort and more motor: new products and changes for 2015

Cult Trike KETTWIESEL Goes Full Suspension

At HASE BIKES, the innovation machine is running at full throttle: in 2015, the legendary KETTWIESEL trike will gain a high-tech rear-wheel suspension and a multifunctional cargo system. Assisted pedaling will be even more fun with a new Shimano bottom bracket motor, and the PINO semi-recumbent tandem will get several new, practical features.

The KETTWIESEL from HASE BIKES has been a cult trike for well over 15 years now: two wheels in the back, one in the front, and loads of riding fun in between. For the new models EVO and KROSS, designers have taken the fun factor to new levels. The rear swing arms developed by Marec Hase are supported by air shocks that can be adjusted to the weight of the rider and cargo. The result: uncompromising comfort provided by a full 80 millimeters of travel, ironing out the bumpiest cobblestones and turning farm tracks into joy rides. With cornering-stability control and an only slightly adapted chassis geometry, the KETTWIESEL is still a genuine cornering machine: smooth directional control, exceptional cornering stability, and impressive maneuverability.

The EVO is a true all-rounder that cruises over concrete or cobbles with its suspension fork, three disc brakes, and 8-speed gear hub. The fenderless KROSS can take on any road – or offroad – surface with its almost 60mm-wide, knobby tires and premium 8-



speed hub. All of the trikes are also customizable, with a wide range of components to choose from.

A carryall that doubles as a shopping cart

The ROLLER BAG – a new carryall specially designed for these trikes – can be hung on the seat back with a simple click. But it's also so much more: its "ROLLER RACK" has two wheels at the bottom, allowing the bag to be used as a pull-along shopping basket. This system makes shopping trips a breeze: just remove the ROLLER BAG system from the seat back, fold out the pull handle, and head into the supermarket with your very own "cart". After your rounds, the handle is folded away, and the whole bag is clicked back onto the trike for the trip home.

The RACK offers extreme versatility: on the trike, it can carry not only the ROLLER BAG but also small wheelchairs, rollators, or walking aids.

KETTWIESEL models with no rear suspension system can hold a 50-liter ROLLER BAG while the KROSS and EVO can handle the larger BAG with double the capacity. The BAG and RACK are sold separately.

The Shimano Steps bottom bracket motor

Shimano's new Steps e-bike system is finding its way into the HASE BIKES product line, blending inconspicuously into the trike designs. The motor unit, with 36 volts and an 11.6Ah battery, is extremely quiet. It offers substantial assistance without overheating, even when taking it slow on long uphill stretches. The new Shimano cycle computer on the left handlebar provides all the important information, such as motor data, battery life, riding speed, and distance. The Steps system can be used with any KETTWIESEL model built after 2006.

PINO tandem with fine details

In 2015, the PINO semi-recumbent tandem – as well as all KETTWIESEL models – will be getting a new front-boom design. The telescoping booms are now finished with a stylish black anodized coating.



Thanks to new special markings on the front boom, the frame can now be adjusted more quickly and accurately to the leg lengths of various riders. The new dropouts on the rear triangle are ideal for use with the Rohloff hub. They provide torque support and eliminate the need for a chain tensioner. A Weber coupling for pulling a trailer can be attached directly to the dropout. These new features make the bike even more practical and robust and, at the same time, offer something for the tech-savvy eye.

About HASE BIKES

In 2014, HASE BIKES is celebrating its 20th anniversary: company founder Marec Hase has been developing innovative tandems and recumbent bikes and trikes since 1994. HASE BIKES have earned a reputation for being extremely practical, flexible, and, above all, fun to ride. The KETTWIESEL “cornering machine” has since attained cult status, and the PINO tandem is the most widely used touring tandem in the world – as well as the most versatile family taxi on two wheels. The KLIMAX trike, with e-assist and a patented Foldable Fairing, is the first fully-thought-through concept for all-weather commuting by pedal power. The HASE BIKES manufacturing facility, with 40 employees, is situated on the historical grounds of the former coalmine Zeche Waltrop in the middle of the famous German Ruhr district. Visit www.hasebikes.com for information on the latest HASE BIKES specials and the ideas behind the concepts.

KETTWIESEL EVO/KROSS, technical data:

Frame: 7046 aluminum

Fork: Spinner Grind 1

Wheels: 20" with HASE BIKES QUICKSTICK hubs in the rear

Independent wheel suspension with cornering-stability control and HASE BIKES air shocks

Gears: 8-speed Shimano Nexus Premium internal gear hub

Brakes: disc brakes

Seat height: 13" (50 cm)

Prices: KETTWIESEL EVO from € 4400,-/ KETTWIESEL KROSS from € 4599,-

