



Look ahead: push the limits of cycling with the Speedmachine. The perfect machine for the cyclist who wants to reach new levels of speed and comfort. Efficient, fast and comfortable, the Speedmachine comes with superb options: integral steering tube suspension, adjustable ergonomic seat, suspended rear rack, optional disc brakes ... and yes, even built-in Fahrvergnügen!

Lower. Faster. Further. Discover the new Speedmachine. A joy ride you can take every day!

The Speedmachine is faster, more efficient and more comfortable than you would ever have thought possible. It's an ergonomic machine dedicated to absolute speed.

You have probably never ridden a bike this fast or this comfortable. In fact you probably assumed that gain meant pain. But the Speedmachine rewrites the rules. By combining a super-oversized aluminium frame, a full suspension ride and a totally ergonomic riding position with perhaps the smallest frontal area on the planet, we have created a machine to give you incredible performance along with total comfort.

Remember, at racing speeds it's not weight that slows you down, it's the effort of pushing through the atmosphere. On the Speedmachine your body is an arrow, cutting through the air with ease and giving you a seriously unfair advantage. And in this riding position your entire body is supported, so that your weight is distributed over the largest possible area.

No pressure points!

Our suspension system is fully integrated into the frame design, it's fully tuneable for performance and works completely independently of your pedalling force.

We call this *No Squat*, and it is a system that has been perfected over thousands of miles of extreme roads by our team of test riders. What it means is, if you accelerate uphill, you accelerate. And because it isolates you completely from the road, your energy goes entirely into forward motion. It works, so that you don't have to.

We haven't neglected the accessories either. We can offer an integrated luggage rack, proper mudguards and the best lighting system you can buy. Our *BodyLink* seat ensures the perfect fit. Of course it is the technical details that make the difference, and in this area our experience is second to none. We made our first recumbent with full suspension back in 1991. Since then, our *Street Machine* has become the most successful touring recumbent in Germany. Our customers have taken our bikes to every corner of the world and they have provided us with invaluable development feedback.

We put all this experience into our design of the Speedmachine, combining long distance riding comfort with incredible performance.

Arrange for your test ride soon, and prepare to get ahead of the crowd!



Protection for the chain and your trousers; the drivetrain is almost completely covered. Our special low friction chain tubes guarantee an efficient power transmission and silent action.

The cockpit: With the telescopically adjustable Above Seat Steering the Speedmachine allows for precise handling, fast cornering and superior aerodynamics. Choose between our Aero-bars or the Tiller Steering to the rear. Optional comfortable ergo-bars under the seat for relaxed arms and wrists.



Comfortable seat options: The BodyLink hardshell seat can be adjusted to fit your body like a glove. Alternatively, our Ergo-Mesh or ErgoMesh XL seats provide optimum breathability. They come with an integrated pouch for your small belongings.

Plenty of space for your luggage and it is all fully suspended. The result: fast suspension action and minimized vibration stress for your equipment. The rear rack is a rigid construction made from 1/2" alloy tubing, perfect choice for carrying your panniers. Ideal for great aerodynamics and high volume are our custom tailored Moonbiker-panniers. The Lowrider rack is the perfect place to hang heavy luggage.



Sturdy wheels with silver anodized aero rims and high pressure tires.

You can attach trailers of up to 88 lbs weight.

Due to the low centre of gravity and the well balanced weight distribution the Speedmachine handles fine even when braking hard. The optional disc brakes offer great stopping power, allowing for a fast yet safely controllable downhill ride. Safety plus: No more rim wear.

Minimum weight combined with great torsional stiffness: Our optional suspension fork is equipped with an integral suspension system in the steerer tube. Due to the fork's compact design, the chain can run closely to the frame and smoothly above the front wheel. Sharp turns are easy without interfering with the chain.

Our No Squat suspension system is integrated into the frame design. It is fully tunable for performance and works completely independently of your pedalling force. What it means is, if you accelerate uphill, you accelerate. And because it isolates you completely from the road, your energy goes entirely into forward motion.

Specification

- Speedmachine with rigid front fork, above seat steering, DNM 22 rear shock ... 2.590,00
- AVID V-BRAKES, SRAM DualDrive 24 speed drivetrain, tires SCHWALBE Marathon Racer
- custom color powdercoating according to RAL-color chart 159,00
- carbon fiber front boom saves 170 g (1/3 lbs) weight 199,00
- under seat steering indirect, adjustable (not with ErgoMesh XL seat) 99,90
- front suspension fork CONCEPT steerer tube suspension 199,00
- rear shock ROCKSHOX Monarch RL light weight adj. air shock, lockout 209,00
- drivetrain SRAM DualDrive/27 27 speed, SHIMANO bar end shifters, XT derailleur + cassette ... 289,00
- drivetrain SRAM/30 30 speed, 60-52-40, cassette 11-36 teeth 199,00
- drivetrain ROHLOFF/14 Speedhub 500/14 DB, 14 speed internal gear hub, black 1.290,00
- E-drive GO SWISSDRIVE 250W incl. XT/27, Li-Ion 558 Wh, throttle 2.490,00
- short cranks 155 mm, recommended for riders under 175 cm / 5' 7" 24,90
- chainwheel disc instead of chain guard, for drivetrain XT, saves 150 g 29,90
- disc brakes AVID BB7 mechanical 129,00
- disc brakes TEKTRO Auriga hydraulic 179,00
- disc brakes SHIMANO XT hydraulic 329,00
- disc brakes combined with ROHLOFF hub, excluding brakes and drivetrain 69,90
- tire exchange from Marathon Racer 40 mm to Marathon Plus 47 mm 29,90
- light system B&M Dymotec 6 tire generator with LED standlight 169,00
- light system SHUTTER PRECISION disc dynohub with LED standlight 319,00
- light system SON delux disc dynohub IQ-X front light up to 100 lux 449,00
- light system battery/IQ Fly up to 80 lux, requires E-drive GO SWISSDRIVE 169,00
- light system battery/IQ-X up to 140 lux, requires E-drive GO SWISSDRIVE 299,00
- rear rack 12 mm tube Al 6061T6, max. 25 kg / 55 lbs load 119,00
- lowrider rack 12 mm tube Al 6061T6, max. 25 kg / 55 lbs load 99,90
- mudguards SKS 20" / 26", black, with stainless steel stays, mounted 49,90
- kickstand PLETSCHER Zoom adjustable 19,90
- Airflow seat cushion air permeable fabric, 3 layer system, for BodyLink 59,90
- head rest for BodyLink seat angle and height adjustable 99,90
- head rest for ErgoMesh seat angle and height adjustable 119,00
- rain cover for seat 16,90
- Microbag for BodyLink seat, detachable as hip bag, holds 1 liter 34,90
- clipless pedals SHIMANO PD-T8000 single-sided for SPD-shoes 84,90
- water bottle set Moonbiker 2x0.6 l clear PE bottles, mounted 42,90
- flag Moonbiker with reflective strip, for rear rack mounting 14,90
- recumbent side bags Moonbiker 2x35 l volume, aerodesign 249,00

Technical Data

- seat height 48 cm / 19"
- pedal axle height 69 - 72 cm / 27 - 28"
- suspension travel 5 cm (opt.) f / 8 cm r
- seat angle 37 - 45°
- wheel size 20" / 26" f / r
- wheelbase 117 cm / 46"
- length 180 - 210 cm
- height 92 cm / 36"
- weight from 13.5 kg / 30 lbs
- frame Al 7005 T6
- suspension pivot maintenance free
- powdercoating silver grey
(color and clear layer) carmine red
custom color
- warranty on frame ... 10 years

Your dealer

Frame and seat adjustable for riders from 1.62 - 2.00 m / 5' 4" - 6' 7". Spring rates: 450lbs" max. 176lbs, 550lbs" max. 220lbs, 650 lbs" max. 286lbs.

Simply choose your favourite components by filling out this leaflet. Your HP Velotechnik dealer provides excellent advice, test rides and after-sales-service. Please review our dealer list on our website. Suggested retail prices in Euro based on 19% VAT. Valid from Nov. 2016. Local prices may vary according to different national tax rates. Shipping to most EU-countrys: 109,00.