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All recumbent catalogue .CL .LT .TT .ZR

Toxy[®]-TT
www.toxy.de

Your personal Comfort-Class.



...simply
relaxing
toxyrides.

OVER TEN YEARS EVERYWHERE IN THE WORLD.

Toxy recumbents have been around for more than ten years in everyday use, on tours, and expeditions all over the world.

There are many good reasons why. The first is the reliability and durability of our product. Next is the super handling in every situation, fully loaded down or even with a trailer. The unique quality of the suspension and a superb panoramic view.

And if you would like to transport your Toxy a part of the way on a trip, the Toxy is compact and light weight. That makes it the easiest to manage recumbent anywhere.

Whether you want to do a fast ride after work or a long tour with the kids in a trailer, we think the Toxy is the most versatile and comfortable recumbent you will ride.

Our customers that have ridden hundreds of thousands of kilometers on the road and over every type other surface possible are convinced.

That is the reason we design and build every Toxy with pride.

With your Toxy you will always look forward to your next tour or the next ride to work.

Some Toxy riders' holiday greetings...



EXPERIENCE THE UNBEATABLE TOXY FEELING.

Visit us on our next Toxy Adventure Week in the middle of Schleswig Holstein in Hörnerkirchen about 40 kilometers north of Hamburg.



You can take our suggested tours from the map of "Störtal/Bramau" over quiet trails through forests, bogs, and fields. Or you can make your own route to decide which one of our Toxys fit your needs. All of our recumbents with many different options are there for you to try out.



We have created a complete weekend in the spring under the motto "Testride, Experience, and Enjoy" the Toxy recumbent.



Or visit one of our Toxy Regional Partners in your area for a personal consultation. There you will have the opportunity to test your favourite Toxy and with his help you can then create your individual bicycle.



If you enjoy the companionship of other people who also love recumbents and want to share your biking experiences with them than the "North German Recumbent Festival" is just the place you want to be.



You will also find us at many bicycle conventions and whenever possible we have all our models for you to test ride.

It does not matter where you want to experience a Toxy, we will always be looking forward to seeing you.



TOXY WEB - YOUR WHOLE RECUMBENT WORLD.

Visit us at our website www.toxy.de for all the latest information, news and dates about Toxy recumbents and tours. Our Toxy webshop gives you all the details about Toxy models, their options and accessories. On our site you can also create your individual bicycle!



Furthermore, you have the opportunity to read comments from other visitors and loyal Toxyholics.

The new Toxy homepage will let you see the entire "Toxy World", with detailed product descriptions and the complete product line with all models and accessories

You can read stories from "die hard" Toxy riders over their everyday use and tours. And they give many useful tips and some of them even invite you to look at their private web sites over their Toxy experiences.

With our website you will no longer have to depend on your mailman to deliver the latest information over Toxy recumbents. With a click in the Support area you can have all the information you need including brochures with every standard models, special models, accessories and price lists. You will also be able to download a owners manual (which is helpful even before buying your Toxy).

We have improved our Webshop so you can not only purchase our products but also receive extensive advice in order to find the right model or accessory for your needs. Armed with this information you can assemble your bike down to the last detail.



Every option whether it is the "Rohloff Speed Hub", the comfortable mesh seat, or the holder for the front fairing, etc. is shown with detailed descriptions and pictures.

Naturally all of the parts you will need for a repair or upgrade - from a tire to a handlebar- you can also purchase in our shop. The set up and navigation of our web site is easy to use so you can just enjoy the visit.

Another advantage of our Toxy website is that we offer you general 1st hand recumbent information concerning individuality, travelling, health and many other topics.



QUALITY & PRECISION TO THE SMALLEST DETAIL

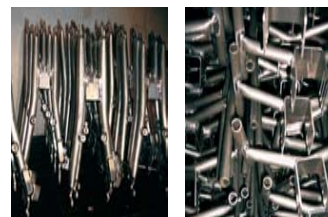
With our ten year guarantee on our Toxy aluminium frames we have set a new standard in the recumbent world.

Even in the smallest detail we feel the need to use the best technology available. Where other companies use galvanized bolts and plastic bushings, we use sealed bearings and stainless steel axles that even after long use have no play. That guarantees a good response of the suspension with little service and a longer life.



We only use components and accessories on our bicycles that are proven and available everywhere. That helps you to keep your Toxy on the road without long waiting periods for the right part, especially when underway.

With innovative CAD technology for the new Toxy frames we now have a lower, aggressive seat position with better aerodynamics and pedalling efficiency, without having an indirect steering. Our new design also saves on weight and maintenance.



For years we have been designing and building our frames with the help of modern CNC and aluminium technology for compact, light, and versatile bikes. With this technology we can offer a trouble free innovative bicycle that is unique to ride and keeps up with our reputation of building a dependable bicycle that can be used whether you are taking a ride to the office or to North Cape.



The very light and extremely stiff frame with our "8 shape design" pivot and sensitive hydraulic suspension guarantees that, even with the full panniers, you will have a smooth ride with optimal traction and without a bobbing effect.

All our Toxy recumbents are assembled with well known and dependable products from companies such as Magura, Rohloff, Busch & Müller, Schwalbe, Schmidt, and many others that complement the high quality of our Toxy recumbents.





Toxy-CL (custom assembly)

Our fully suspended Toxy recumbents are the most sought after bicycles on the market due to one of a kind construction and their super handling.

The Toxy CL was the first recumbent built with a full suspension and compact frame, that started a whole new class of recumbents. Even today it is the best choice for classic, dependable all purpose recumbent.

The most important characteristic of our Toxy compared to many competitor models is the instant ability to use our bicycles safely and comfortably in every type of riding situation. You just have to get on the bike, lean back, and start your ride with a smile.

Through our proven CAD created frame geometry, designed and manufactured in Germany, combined with innovative bicycle technology we offer you a worry free bicycle that is universal and dependable.



All high quality recumbents deserve parts like the Rohoff Speedhub 500/14 with little maintenance and a long life or the Schmidt's Original Dynamo hub so you can see in every situation. These are only a few of the options for our Toxy's.

Your Toxy is flexible enough to fit your individual body form and riding style:



Geometry chart & specs:	Riders height: 1,65 - 2,10 m
Seat height: 0,55 - 0,65 m	Wheel size: 20" (406)
Seat angle: 37° - 50°	Length: 1,65 - 1,95 m
Bottom-br. height: 0,70 m	Width: 0,50 - 0,65 m
Wheel base: 0,95 m	Height: 1,00 - 1,15 m
Susp. travel front: 52 mm	Transportation size (w/o.: seat, front wheel, steerer):
Susp. travel rear: 85 mm	Length: 1,75 m
Frame weight: 3,7 kg	Width: 0,30 m
Total weight: from 14,7 kg	Height: 0,75 m
Total load: 150 (45) kg	

(All data may vary due to individual adjustment.)
Standard assembly including light system & kick stand.



Toxy-LT "miles&motion"

For a comfortable tour we designed our Toxy LT. With almost the same frame geometry and balanced handling as the classic CL this touring recumbent also offers a lower seating position.

With the low seating position and a frame size in XS this bicycle is especially designed for men and women with a height of around 1,45 m to 1,70 m.

According to a review in the magazine "Radwelt" issued by ADFC (the German Bicycle Club) the Toxy LT is the only true recumbent for small people. With the small frame and the low seating position is easier to comfortably mount and dismount the bike and keep it safely upright when not in motion.

To complement the excellent touring bicycle quality we offer All Inclusive Packets that even in everyday use will take care of all your needs and wishes. If you wish you can purchase the Toxy LT in the exclusive editions of "Miles and Motion" and "Rotation", the most sold special editions recumbent in Germany, for a limited time only.

For one complete price you can purchase the model "Miles and Motion"

that is fully equipped with features like stand light, water bottle cages, and much more. Two luggage rack systems give you the ability to safely carry four panniers, and because of their placement they do not effect the suspension or the superb handling of the bicycle. This system also allows you to use many different types of popular trailers without any problems.

In the area of comfort you have the choice of a mesh or a moulded seat with the comfort padding which is included in the price. Furthermore, you have the choice of four colours.



As you can see we have put thought in all of the details which will make your tours with your individual recumbent easier, safer, comfortable, and above all more enjoyable.

Geometry chart & specs:	Riders height: 1,65 - 2,10 m
Seat height: 0,50 - 0,60 m	Size "xs": 1,45 - 1,75 m
Seat angle: 33° - 45°	Wheel size: 20" (406)
Bottom-br. height: 0,65 m	Length: 1,65 - 1,95 m
Wheel base: 0,97 m	Width: 0,50 - 0,65 m
Susp. travel front: 45 mm	Height: 0,90 - 1,00 m
Susp. travel rear: 85 mm	Transportation size:
Frame weight: 3,7 kg	Length: 1,75 m
Total weight: from 14,7 kg	Width: 0,30 m
Total load: 150 (45) kg	Height: 0,70 m

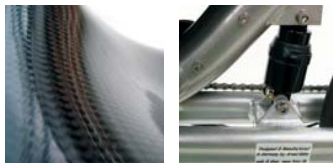
(All data may vary due to individual adjustment.)
Standard assembly including light system & kick stand.





Toxy-TT "Rotation"

"Sport-Light" means for the Toxy TT not only a lighter aluminium frame but also an adjustable and extremely light CNC air shock, ergonomic ultra light carbon seat.



Race geometry, an adjustable suspension fork, Magura Julie hydraulic disc brakes, and a silver metallic powder coating is included. All of this is standard with a weight of 13,5 kg.



Above all the compact dimensions and low seating position from 430mm offers you a uncompromising racing bike. Due to the potential high speeds we have not only built a flatter seating position from 27

Geometry chart & specs:	Riders high: 1,65 - 2,10 m
Seat high: 0,42 - 0,50 m	Size "xs": 1,45 - 1,75 m
Seat angle: 28° - 37°	Wheel size: 20" (406)
Bottom-br. high: 0,70 m	Length: 1,65 - 2,00 m
Wheel base: 1,00 m	Width: 0,50 - 0,65 m
Susp. travel front: 45 mm	Height: 0,80 - 1,00 m
Susp. travel rear: 65 mm	Transportation size:
Frame weight: 3,2 kg	Length: 1,70 m
Total weight: from 13,5 kg	Width: 0,30 m
Total load: 150 (45) kg	Height: 0,70 m

(All data may vary due to individual adjustment.)
Standard assembly without light system or pedals.

to 42 degrees, but we have also raised the bottom bracket height, which is higher than the CL and LT models. Thus for better handling, we have also extended the wheel base to 1 meter.

As you can see you will get a bicycle that is a top performer even at high speeds.



As an alternative a lower handlebar steering system, which is our specialty in the area of performance recumbents, we also offer a higher adjustable aluminium handlebar system on our Toxy TT. For longer tours you also have the choice of many different options from our accessory program like the SON dynamo hub or a fairsing.

If you wish we will build your Toxy TT not only with the Shimano XT 27 speed but also with the Rohloff Speedhub or the Sram Dual Drive.



Toxy-ZR (with optional pedals & cushion)



This one of a kind combination of sporty dynamics, maximum speed, and a relaxed seating position is convincing not only in international bicycle racing.

The Toxy ZR is a fascinating fully suspended race bike with unbelievable acceleration and top speed. With a hydraulic rear suspension and a super handling you will always have good traction and unique riding experience even on surfaces that are not paved.



With precise straight line tracking, a small turning radius, and unbelievable comfort we recommend the Toxy ZR for your next race. And with accessories like the special aerodynamic bike box that is lockable, holds 75 liters, and is waterproof you will also be able to use your Toxy on your bicycle tours.

Geometry chart & specs:	Riders high: 1,70 - 2,10 m
Seat high: 0,17 - 0,25 m	Wheel size: 20" (406)
Seat angle: 28° - 39°	Length: 1,80 - 2,00 m
Bottom-br. high: 0,50 m	Width: 0,50 - 0,65 m
Wheel base: 1,10 m	Height: 0,65 - 0,75 m
Susp. travel rear: 80 mm	Transportation size (w/o.: crank tube & handlebar):
Frame weight*: 3,9 kg	Length: 1,70 m
Total weight: from 12,3 kg	Width: 0,30 m
Total load: 120 (20) kg	Height: 0,70 m
(*Incl. front drive fork & bearing)	

(All data may vary due to individual adjustment.)
Standard assembly without light system or pedals.

After riding the ZR we guarantee that you will not forget the fascinating feeling of riding this racing bike with its aerodynamic wind reducing seating position which has influence on your riding. The Toxy ZR is the bicycle for high speeds over long distances.



Even the standard model has fine technical points such as a light voluminous mono swing rear suspension and disc brakes. This Toxy rides just as aggressive as it looks.

All of our Toxy models are built with universal light weight aluminium frames that allows you to customize your bicycle to your needs. That also applies to the ZR steering and seating position.

The Toxy ZR with its fascinating combination of speed, comfort, and looks is definitely one of the most interesting bicycles on the market today.



All individual production: We build your Toxy.

You have the ability to design your personal bicycle that meets your demands and comfort. Through us you will find a wide range of equipment for your Toxy.



Just one example is the possibility of a comfortable, well ventilated mesh seat and a variable and adjustable high steerer.



Or maybe a classic lower positioned handlebar that gives you a sporty grip position. This handlebar can also be adjusted in the angle, distance, and width. If you have to transport your Toxy you can loosen the bar ends in a few seconds, without having influence on the brake or shifting adjustments. And it reduces the overall width of the bicycle to 27 cm. This is ideal for packing it in a car, on the train, or even by airplane.



For different loads and riding situations we use hi tech hydraulic rear shocks that you can adjust separately in both the pre-load and rebound for exceptional comfort and handling. For those who want to save a little weight we also offer an air shock that weighs in at a weight of 180 grams.

If you would like to take the kids along you can also purchase a CFS baby seat that can be mounted or dismounted in seconds. We can also support you with the full suspension dutch KidCar trailer.



For the daily ride to work our adjustable front fairing system will keep you dry and save you from the wind and cold.



And when it is sunny you can remove the fairing including the mounting bracket with a simple hand movement. The aerodynamic bike box will keep all your personals dry and secure thanks to a waterproof, lockable system.



For those who like to ride when it is dark we offer the lighting system "dream team". The combination of a SON hub dynamo specially designed for 20 inch wheels and the DiWa from Busch and Mueller. With the SON you will not even realize your dynamo is on and the new technology of the DiWa gives you extra safety because it has a special switch that senses the speed and acts like a brake light. When in stand the tail light also stays on so everybody can see you.



It does not matter if you ride a racing bike or a touring bike with a system or a clipless pedal they will help you to keep your feet on the pedals and transport the power you generate with one leg directly to your crank and in the same time it gives you a recovery period for the other leg.

These are just a few of the options you will find in our component and accessory program on the webshop at www.toxy.de. You will also find detailed information and pictures for every article so you can design your individual Toxy recumbent. We are looking forward to building your personal bicycle.

Basic Assembly & "All-Inclusive" - Editions:

Basic Assembly

Adjustable Aluminium frame with multiple powder coating fits 1,65-2,10 m. (XS 1,45-1,80 m.)

Sensitive, maintenance free suspension fork (adjustment unit optional)

Complete lighting system, according to German standards

Light rolling, puncture resistant Schwalbe tires (type according to model and purpose of your bicycle)

Light ergonomic formed seat (optional: carbon fibre) or comfortable ventilated mesh seat (optional)

Adjustable seat mounting brackets (fit position, height and angle), also by comfort mesh seat (optional: cushions)

High quality components, aluminium & stainless bolts and screws.

Standard fastening points for accessories

Comfortable, adjustable hydraulic rear shock

Light and extremely stiff rear swingarm with "8-shape design" profile and sealed high precision bearings.

Maintenance free sealed wheel bearings and stainless steel axels for long life and reduced rolling resistance.

Models CL & LT

"Miles & Motion" Special-Edition

Two water bottle cages, rear view mirror and computer holder.

Seat by choice: Ergonomic formed seat with removable padding or mesh seat

Stable luggage rack for panniers or a baby seat

Optional handlebar position (high, low, or with barends)

Powder coating red, yellow, black or silver-metallic (by choice or model)

Stable extra long SKS thermoplastic fenders with stainless steel braces and fittings.

Practical low rider, positioned under the centre of gravity for a super handling - and easy to reach.

SRAM Dual Drive 27 speed (3x9)

Models CL, LT, TT.

"Rotation" High-End Special-Edition

For all the other specs, please see "miles & motion". Further details are:

Magura "Julie" hydraulic disc brakes.

Adjustable suspension fork, 45mm travel.

Legendary SON hub dynamo specially built for 20" recumbent wheels.

14 speed Rohloff Speed Hub 14/500 with an external box for the shifting cables.

Models CL, LT and TT.

We can not be held liable for changes and misprinted information. All information is subject to change according to further development and technical changes.