

Your Challenge dealer:

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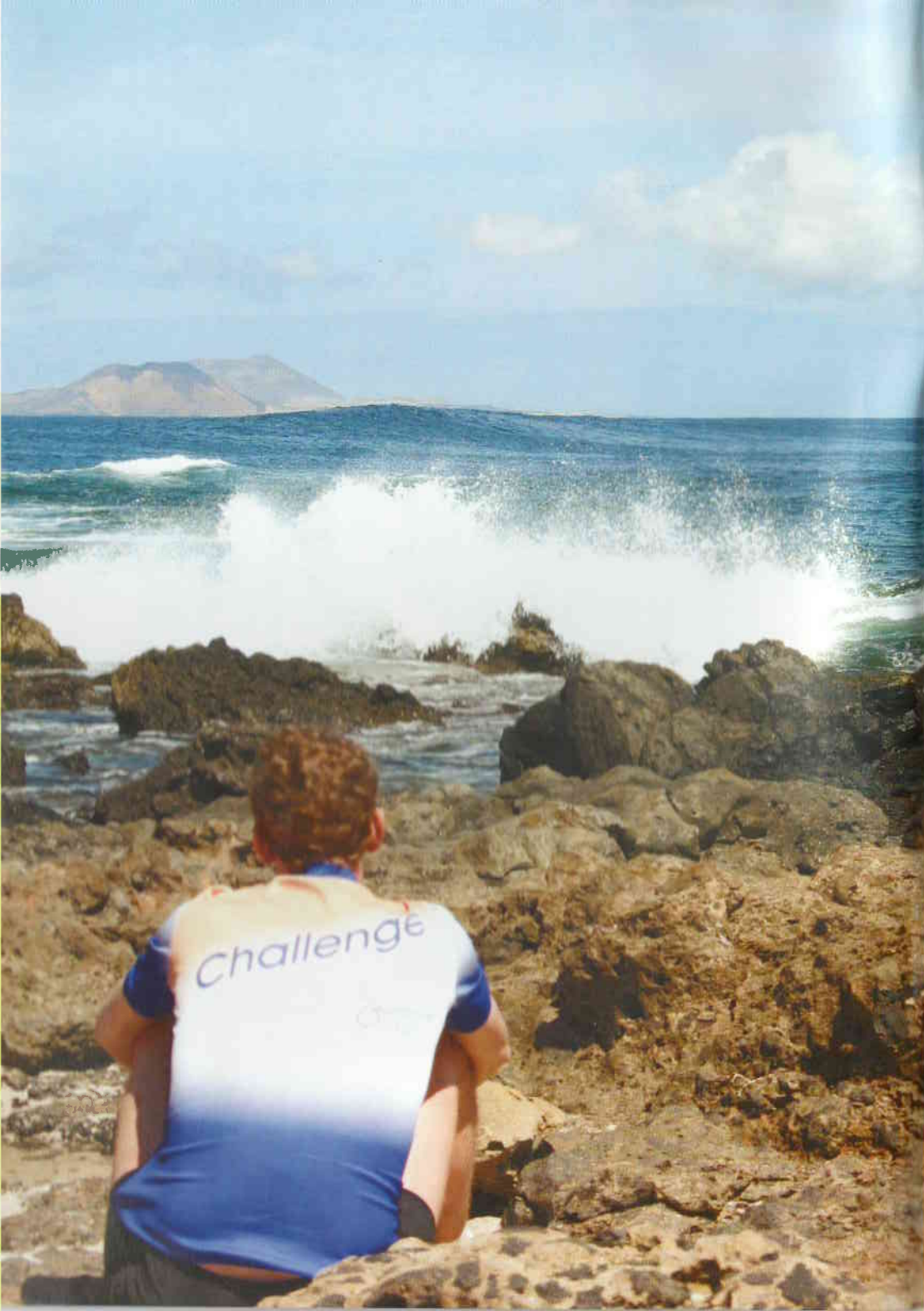
Challenge 

WWW.CHALLENGBIKES.COM

Challenge

Models 2004
Specifications
Prices





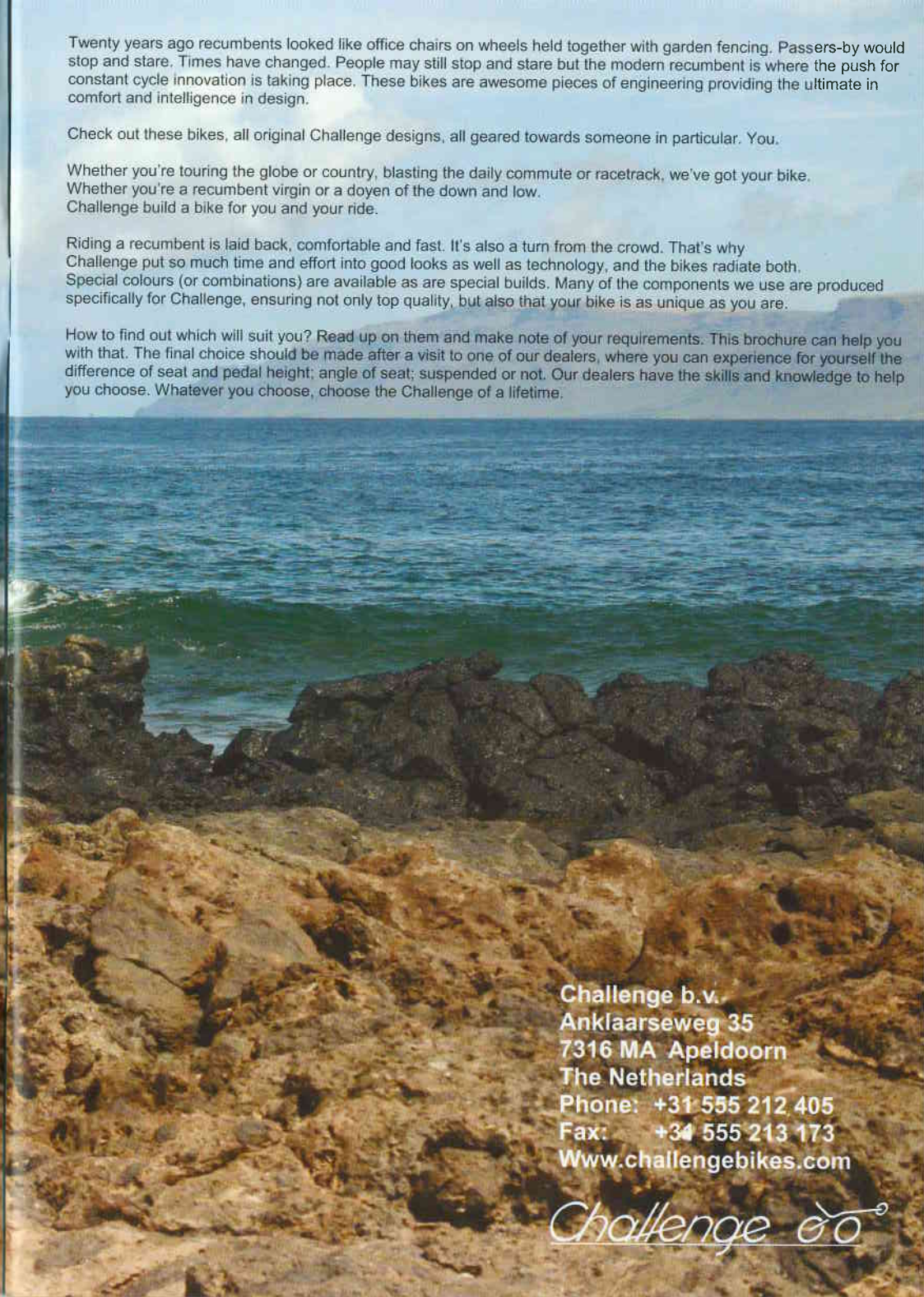
Twenty years ago recumbents looked like office chairs on wheels held together with garden fencing. Passers-by would stop and stare. Times have changed. People may still stop and stare but the modern recumbent is where the push for constant cycle innovation is taking place. These bikes are awesome pieces of engineering providing the ultimate in comfort and intelligence in design.

Check out these bikes, all original Challenge designs, all geared towards someone in particular. You.

Whether you're touring the globe or country, blasting the daily commute or racetrack, we've got your bike. Whether you're a recumbent virgin or a doyen of the down and low. Challenge build a bike for you and your ride.

Riding a recumbent is laid back, comfortable and fast. It's also a turn from the crowd. That's why Challenge put so much time and effort into good looks as well as technology, and the bikes radiate both. Special colours (or combinations) are available as are special builds. Many of the components we use are produced specifically for Challenge, ensuring not only top quality, but also that your bike is as unique as you are.

How to find out which will suit you? Read up on them and make note of your requirements. This brochure can help you with that. The final choice should be made after a visit to one of our dealers, where you can experience for yourself the difference of seat and pedal height; angle of seat; suspended or not. Our dealers have the skills and knowledge to help you choose. Whatever you choose, choose the Challenge of a lifetime.



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Challenge 



Shorter models are available!

Challenge 

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This bike is fitted with side racks for fitting sidebags. These prevents the bags from interfering with the chain and spokes.

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Reclined sidebags, ideal for touring. The weight of the bags is transferred through the seat, this keeps the unsuspended weight low (i.e. the wheels) and is essential for maintaining good handling characteristic when riding a loaded bike.

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All of our bikes are able to take a trailer. As well as trailers with a single-sided coupling and two wheels, they can also be used with trailers such as the BOB one wheeled trailers. For most trailers there are several types of coupling available making it possible to fit a wide range of trailers to our bikes.

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For competition use, we have a lot of possibilities to tune your bike. The weight can be reduced to a minimum by using special frame parts and components. The aerodynamics to be optimized by using aerodynamic shaped accessories.

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With a seat height of 62 centimeters (24.4") the new Seiran is the highest bike in the Challenge programme. The Seiran Deluxe, which will have a concealed suspension unit, is shown above. At present the Seiran concept is tested and under further development.

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Basic Model 16 Speed € 1.490,00

Rear Derailleur	SRAM X.7
Front Derailleur	Shimano Deore
Hubs	Shimano Deore
Brakes	V Brakes
Shifters	SRAM X.7 Twist shifters
Cassette	SRAM powerglide II 8v 11-28
Chainset	Aluminium 52/42 T
Rims	Aluminium Aero
Tyres	Vredestein Montecarlo
Carrier	Travel (as displayed)

Wizard

SPECIFICATIONS

Seat Height	52 cm / 20,5"
Bottom Bracket Height	ca. 60 cm / 23,6"
Wheelbase	105 cm / 41,3"
Seat Angle	30-36 deg.
Total weight limit	125 kg / 280 lbs
Wheel Size	20" / 26" (ETRTO 406 / 559)
Average Weight	16 kg / 36 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	30 kg / 66 lbs
Day Rack	Steel Pannier Rack
Travel Rack System	Extra side Racks

Internal cable routing	No
Dynamo boss	Yes
Above Seat Steering (ASS)	Folding Tiller with Adjustable Stop
Under Seat Steering (USS)	N/A

Rear Suspension	Yes
Front Suspension	Yes, Zoom

Notes: Including front suspension

The Wizard is a great workhorse! The 26" rear wheel and solid rear rack make it ideal to take all of your luggage with you wherever you go. In the city, the seat height puts you at eye contact level with motorists, making the Wizard a great commuter. Out on the open road, that riding position allows you to sit back and enjoy the view. The straight chain line, protected by chainguards keeps things simple and clean, giving you a great many miles in between servicing. The Large rear wheel means that should you feel the need to cut across some rough ground, the rear derailleur is kept well clear of the ground.



Basic Model 24Speed € 1.490,00

Rear Derailleur	SRAM X.7
Front Derailleur	Shimano Deore
Hubs	Shimano Deore
Brakes	V Brakes
Shifters	SRAM X.7 twist shifters
Cassette	SRAM powerglide II 8v 11-28
Chainset	Aluminium 52/42 T
Rims	Aluminium Aero
Tyres	Vredestein Montecarlo
Carrier	Travel

Twister

SPECIFICATIONS

Seat Height	58 cm / 22,8"
Bottom Bracket Height	ca. 71 cm / 28,0"
Wheelbase	106 cm / 41,7"
Seat Angle	26-32 deg.
Total weight limit	125 kg / 280 lbs
Wheel Size	20" / 26" (ETRTO 406 / 559)
Average Weight	16 kg / 36 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	30 kg / 66 lbs
Day Rack	Steel Pannier Rack
Travel Rack System	Extra side Racks

Internal cable routing	No
Dynamo boss	Yes

Above Seat Steering (ASS)	N/A
Under Seat Steering (USS)	Direct to front fork

Rear Suspension	Yes
Front Suspension	Including front suspension, not shown

The Twister is an all round practical bike. Similar in many ways to the Wizard, the Twister offers a slightly sportier riding position and sharper handling. The Steering is precise and accurate thanks to the direct underseat steering, just point and shoot!

OPTIONS

Upgrade SRAM 27v X.7	€ 110,00
SRAM X.0 twist shifters, Chainset Shimano Deore 48/36/26 T, SRAM powerglide 970 11-32 cassette, PC59 chain	
27 speed Shimano LX Package	€ 190,00
Chainset, Deore 48/36/26 T, LX Hubs LX 9Sp 11-32 cassette, LX Front and Rear Derailleur, PC 59 Chain	
18 speed Shimano C600 Package	€ 100,00
Complete C600 gearsystem with chainset, Deore Hubs, C600, 9Sp 11-34 cassette PC 59 Chain	
Magura Hydraulic Rim Brakes HS22 Neon	€ 80,00
Magura Hydraulic Rim Brakes HS33 Black	€ 170,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 390,00
Light weight Rear Air Shock	Up from € 90
Challenge Frontsuspension	€ 290,00
Mudguards	Standard
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks	€ 50,00
Telescopic Folding Tiller Steerer	€ 35,00
Wide seat as displayed	€ 30,00
Special wheelsets : see overall price sheet	

OPTIONS

Upgrade SRAM 27v X.7	€ 110,00
SRAM X.0 twist shifters, Chainset Shimano Deore 48/36/26 T, SRAM powerglide 970 11-32 cassette, PC59 chain	
27 speed Shimano LX Package	€ 190,00
Chainset, Deore 48/36/26 T, LX Hubs LX 9Sp 11-32 cassette, LX Front and Rear Derailleur PC 59 Chain, SRAM Gripshift	
18 speed Shimano C600 Package	€ 100,00
Complete C600 gearsystem with chainset, Deore Hubs C6009Sp 11-34 cassette, PC 59 Chain SRAM Gripshift	
Magura Hydraulic Rim Brakes HS22 Neon	€ 80,00
Magura Hydraulic Rim Brakes HS33 Black	€ 170,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 390,00
Light weight Rear Air Shock	Up from € 90
Challenge Frontsuspension	€ 290,00
Mudguards	Standard
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks (as displayed)	€ 50,00
Bar-end shifters	€ 40,00
Special wheelsets : see overall price sheet	



**Basic Model 16 Speed,
Above Seat steering (ASS)** € 1.490,00

Rear Derailleur	SRAM X.7 ESP
Front Derailleur	Shimano Deore
Hubs	Shimano Deore
Brakes	V Brakes
Shifters	SRAM X.7 twist shifters
Chainset	Aluminium 60/42 T
Cassette	SRAM powerglide II 8v 11-28
Rims	Aluminium Aero
Tyres	Vredestein Montecarlo
Rear carrier	Included (see picture)

Mistral

SPECIFICATIONS

Seat Height	50 cm / 19,7"
Bottom Bracket Height	ca. 61 cm / 24,0"
Wheelbase	108 cm / 42,5"
Seat Angle	30-42 deg.
Total weight limit	125 kg / 280 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack
Travel rack system	(12 kg / 27 lbs Max Capacity) Pannier Racks / Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	Yes
Above Seat Steering (ASS)	Folding Tiller with adjustable stop
Under Seat Steering (USS)	Available
Rear Suspension	Yes
Front Suspension	Available

The Mistral has been heralded by many as the high Hurricane. This compact bike shares many characteristics with its stable mate the Hurricane including lightweight and manoeuvrability. But, the Mistral also has much in common with the Wizard. For example, the chainline is straight without rollers and the seat is higher and more upright. The Mistral lends itself to long, extended tours and short, fast day rides alike.

**Basic Model 16 Speed,
Under Seat steering (USS)** € 1.490,00

Rear Derailleur	Shimano Deore
Front Derailleur	Shimano Deore
Hubs	Shimano
Brakes	V Brakes
Shifters	SRAM twist shifters
Chainset	Aluminium 57/42 T
Cassette	8 Speed: 11-28
Rims	Aluminium Aero
Tyres	Schwalbe City Marathon
Rear Carrier	Included (see picture)

Mistral

SPECIFICATIONS

Seat Height	50 cm / 19,7"
Bottom Bracket Height	ca. 61 cm / 20,0"
Wheelbase	108 cm / 42,5"
Seat Angle	30-42 deg.
Total weight limit	125 kg / 280 lbs
Wheel Size	20"/20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack
Travel rack system	(12 kg / 27 lbs Max Capacity) Pannier Racks / Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	Yes
Above Seat Steering (ASS)	Available
Under Seat Steering (USS)	Indirect with precision coupling
Rear Suspension	Yes
Front Suspension	Available

The Mistral has been heralded by many as the high Hurricane. This compact bike shares many characteristics with its stable mate the Hurricane including lightweight and manoeuvrability. But, the Mistral also has much in common with the Wizard. For example, the chainline is straight without rollers and the seat is higher and more upright. The Mistral lends itself to long, extended tours and short, fast day rides alike.

OPTIONS

Upgrade SRAM 18v X.7	€ 65,00
SRAM X.0 twist shifters, SRAM powerglide 970 11-32 cassette, PC59 chain	
18 speed Shimano LX Package	€ 190,00
Chainset, Tiagra 60/42T, LX Hubs LX 9Sp 11-32 cassette, LX Front and Rear Derailleur, PC 59 Chain, SRAM Gripshift	
18 speed Shimano Tiagra Package	€ 150,00
Chainset, Tiagra 65/42T, Deore Hubs HG70 9Sp 12-25 cassette, Tiagra Front and Rear Derailleur PC 59 Chain, SRAM Gripshift	
Magura Hydraulic Rim Brakes HS22 Neon	€ 80,00
Magura Hydraulic Rim Brakes HS33 Black	€ 170,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 390,00
Light weight Rear Air Shock (depends on model)	Up from € 90
ZOOM Adjustable Frontsuspension	€ 65,00
Challenge Frontsuspension	€ 290,00
Mudguards	Standard
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks	€ 50,00
Standard	€ 15,00
Wide Seat	€ 30,00
Telescopic Folding Tiller Steerer	€ 35,00
Special wheelsets : see overall price sheet	

OPTIONS

18 speed Shimano Deore Package	€ 75,00
Chainset: 60/42T, Deore Hubs 9Sp 11-32 cassette, PC 59 Chain SRAM Twist Shifters	
18 speed Shimano LX Package	€ 190,00
Chainset, Tiagra 60/42T, LX Hubs LX 9Sp 11-32 cassette, LX Front and Rear Derailleur PC 59 Chain, SRAM Gripshift	
18 speed Shimano Tiagra Package	€ 150,00
Chainset, Tiagra 65/42T, Deore Hubs HG70 9Sp 12-25 cassette, Tiagra Front and Rear Derailleur PC 59 Chain, SRAM Gripshift	
Magura Hydraulic Rim Brakes HS22 Neon	€ 80,00
Magura Hydraulic Rim Brakes HS33 Black	€ 170,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 390,00
Light weight Rear Air Shock	Up from € 90
ZOOM Adjustable Frontsuspension	€ 65,00
Challenge Frontsuspension	€ 290,00
Mudguards	Standard
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks as displayed	€ 50,00
Standard	€ 15,00
Bar-end shifters	No extra cost
Special wheelsets : see overall price sheet	



**Basic Model 18 Speed,
Above Seat steering (ASS) € 2.190,00**

- | | |
|------------------|------------------------|
| Rear Derailleur | Shimano Deore |
| Front Derailleur | Shimano Deore |
| Hubs | Shimano Deore |
| Brakes | Magura HS 33 |
| Shifters | SRAM twist shifters |
| Chainset | Tiagra 57/42 T |
| Cassette | 9 Speed: 11-32 |
| Rims | Aluminium Aero |
| Tyres | Vredestein Montecarlo |
| Rear carrier | Included (see picture) |

Mistral

DELUXE

SPECIFICATIONS

Seat Height	50 cm / 19,7"
Bottom Bracket Height	ca. 61 cm / 24,0"
Wheelbase	108 cm / 42,5"
Seat Angle	30 deg.
Total weight limit	125 kg / 280 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Aluminium Alloy
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	Alu 7020 Replaceable Dropouts
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Travel rack System	Pannier Racks / Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	No
Above Seat Steering (ASS)	Folding Tiller with adjustable stop
Under Seat Steering (USS)	Available
Rear Suspension	Yes
Front Suspension	Available

The Mistral Deluxe is a bike that exudes beauty and grace. With its clean lines, design and style fuse with function. The design of the wishbone rear stays is borrowed from the suspended Taifun. The rear end starts out as a uniquely extruded tube, which is machined and formed into the integral wishbone shape. Laid bare without racks and mudguards, the clean sweeping lines become really apparent. The unique feature of this bike is the rear suspension, which is completely concealed within the. This provides a progressive suspension system that glues those tyres to the road and eliminates any pedal induced bobbing under power without spoiling the profile.

**Basic Model 18 Speed,
Under Seat steering (USS) € 2.190,00**

- | | |
|------------------|--------------------------|
| Rear Derailleur | Shimano Deore |
| Front Derailleur | Shimano Deore |
| Hubs | Shimano Deore |
| Brakes | Magura HS 33 |
| Shifters | Shimano twist shifters |
| Chainset | Tiagra 57/42 T |
| Cassette | 9 Speed: 11-32 |
| Rims | Aluminium Aero |
| Tyres | Vredestein Montecarlo |
| Rear carrier | Included (not displayed) |

Mistral

DELUXE

SPECIFICATIONS

Seat Height	50 cm / 19,7"
Bottom Bracket Height	ca. 61 cm / 24"
Wheelbase	108 cm / 42,5"
Seat Angle	30 deg.
Total weight limit	125 kg / 280 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Aluminium Alloy
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	Alu 7020 Replaceable Dropouts
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Traveling rack system	Pannier Racks / Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	No
Above Seat Steering (ASS)	Available
Under Seat Steering (USS)	Indirect with precision coupling
Rear Suspension	Yes
Front Suspension	Available

The Mistral Deluxe is a bike that exudes beauty and grace. With its clean lines, design and style fuse with function. The design of the wishbone rear stays is borrowed from the suspended Taifun. The rear end starts out as a uniquely extruded tube, which is machined and formed into the integral wishbone shape. Laid bare without racks and mudguards, the clean sweeping lines become really apparent. The unique feature of this bike is the rear suspension, which is completely concealed within the. This provides a progressive suspension system that glues those tyres to the road and eliminates any pedal induced bobbing under power without spoiling the profile.

OPTIONS

18 speed Shimano LX Package	€ 70,00
Chainset, Tiagra 60/42T, LX Hubs LX 9Sp 11-32 cassette, LX Front and Rear Derailleur	
18 speed Shimano 105 Package	€ 70,00
Chainset, Tiagra 65/52T HG70 9Sp 12-25 cassette, 105 Front and Rear Derailleur	
105 Chainset	€ 130,00
Carbon Chainset	€ 160,00
Shimano 525 Hydraulic Disc Brakes	€ 220,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
ZOOM Adjustable Frontsuspension	€ 65,00
Challenge Frontsuspension	€ 290,00
Light weight Rear Air Shock	Up from € 90
Mudguards	Standard
No Mudguards	-€ 40,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks	€ 50,00
Telescopic Folding Tiller Steerer	€ 35,00
Wide Seat	€ 30,00
Special Colour	No extra cost
Special wheelsets : see overall price sheet.	

OPTIONS

18 speed Shimano LX Package	€ 70,00
Chainset, Tiagra 60/42T, LX Hubs LX 9Sp 11-32 cassette, LX Front and Rear Derailleur	
18 speed Shimano 105 Package	€ 70,00
Chainset, Tiagra 65/42T HG70 9Sp 12-25 cassette, 105 Front and Rear Derailleur	
105 Chainset	€ 130,00
Carbon Chainset	€ 160,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 220,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
ZOOM Adjustable Frontsuspension	€ 65,00
Challenge Frontsuspension	€ 290,00
Light weight Rear Air Shock	Up from € 90
Mudguards	Standard
No Mudguards	-€ 40,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks	€ 50,00
Bar-end Shifters	€ 40,00
Wide Seat	€ 30,00
Special Colour	No extra cost
Special wheelsets : see overall price sheet	



Basic Model 16 Speed,
Above Seat steering (ASS) € 1.750,00

Rear Derailleur	SRAM X.7 ESP
Front Derailleur	Shimano Tiagra
Hubs	Shimano Deore
Brakes	Magura HS33
Shifters	SRAM X.7 twist shifters
Chainset	Aluminium 57/42 T
Cassette	SRAM powerglide II 8v 11-28
Rims	Aluminium Aero
Tyres	Vredestein S-licks
Carrier	Included (see picture)

Hurricane SPORT

SPECIFICATIONS

Seat Height	36 cm / 14,2"
Bottom Bracket Height	ca. 52 cm / 20,5"
Wheelbase	97 cm / 38,2"
Seat Angle	25-31 deg.
Total weight limit	130 kg / 290 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Travel rack system	Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	Yes
Above Seat Steering (ASS)	Folding Tiller with adjustable stop
Under Seat Steering (USS)	Available
Rear Suspension	Yes
Front Suspension	Not available

The Hurricane Sport with Above Seat Steering is really the original Hurricane, a design that sets the standard for the "Quasi-Lowracer". With its short wheelbase and compact construction, it is a highly manoeuvrable, dialled in bike that begs you to go faster. Over the past few years, the Hurricane has proved itself as a reliable all-rounder and terrific travel companion. Its compactness and direct chainline allow for rapid acceleration and great climbing capabilities. Several customers have requested variations on the hurricane theme including undersat steering and a longer wheelbase; these are now options, which mean that the Hurricane can appeal to an even wider spectrum of riders than ever before.



Basic Model 16 Speed,
Under Seat steering (USS) € 1.750,00

Rear Derailleur	Shimano Deore
Front Derailleur	Shimano Tiagra
Hubs	Shimano
Brakes	Magura HS33
Shifters	Shimano twist shifters
Chainset	Aluminium 57/42 T
Cassette	8 Speed: 11-28
Rims	Aluminium Aero
Tyres	Schwalbe Stelvio
Carrier	Included (see picture)

Hurricane SPORT

SPECIFICATIONS

Seat Height	36 cm / 14,2"
Bottom Bracket Height	ca. 52 cm / 20,5"
Wheelbase	97 cm / 38,2"
Seat Angle	25-31 deg.
Total weight limit	130 kg / 290 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Travel rack system	Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	Yes
Above Seat Steering (ASS)	Available
Under Seat Steering (USS)	Direct to Front Fork
Rear Suspension	Yes
Front Suspension	Not Available

The main feature of the Hurricane Sport is its 'direct' steering. In developing an under seat steering system it was really important to retain this essential quality. This has been realised by fixing the steerer directly to the rear of the fork, keeping the rider dialled in to their Hurricane.

OPTIONS

Upgrade SRAM 18v X.7 SRAM X.0 twist shifters, SRAM powerglide 970 11-32 cassette, PC59 chain	€ 65,00
18 speed Shimano Tiagra Package Chainset, Tiagra 65/52T, Deore Hubs, HG70 9Sp 12-25 cassette, Tiagra Front and Rear Derailleur PC 59 chain, SRAM Gripshift	€ 130,00
Upgrade SRAM 18v X.9 SRAM X.0 twist shifters SRAM X.9 rear derailleur, Shimano Tiagra chainset SRAM powerglide 990 11-34 cassette, PC59 chain	€ 160,00
Upgrade Shimano Ultegra / 105 Ultegra rear derailleur, 105 front der., 105 chain set, Shimano 12-26 HG70 cassette, PC59 chain	€ 275,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 220,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
Mono Fork, Challenge Luxe hub (Disc Brake Only)	€ 140,00
Challenge Frontsuspension	N/A
Light weight Rear Air Shock (depends on model)	Up from € 90
Mudguards	€ 40,00
Sideracks	€ 50,00
Standard	€ 15,00
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Wide Seat	€ 30,00
Telescopic Folding Tiller Steerer	€ 35,00
Special wheelsets : see overall price sheet	

OPTIONS

18 speed Shimano Deore Package Chainset, 60/42T, Deore Hubs, 9Sp 11-32 cassette, PC 59 Chain SRAM Twist Shifters	€ 75,00
18 speed Shimano LX Package Chainset, 60/42T, LX Hubs, LX 9Sp 11-32 cassette, LX Front and Rear Derailleur PC 59 Chain, SRAM Gripshift	€ 130,00
18 speed Shimano Tiagra Package Chainset, Tiagra 65/52T, Deore Hubs HG70 9Sp 12-25 cassette, Tiagra Front and Rear Derailleur, PC 59 Chain, SRAM Gripshift	€ 150,00
18 speed Shimano 105 Package Chainset, 105 65/52T, Deore Hubs HG70 9Sp 12-25 cassette, 105 Front and Rear Derailleur, PC 59 Chain	€ 300,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
Light weight Rear Air Shock	Up from € 90
Mono Fork (Disc Brake Only) as display	€ 80,00
Challenge Frontsuspension	N/A
Mudguards	€ 40,00
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Sideracks	€ 50,00
Standard	€ 15,00
Bar-end Shifters	€ 40,00
Wide Seat	N/A



**Basic Model 16 Speed,
Above Seat steering (ASS) € 1,750,00**

Rear Derailleur	SRAM X.7 ESP
Front Derailleur	Shimano Tiagra
Hubs	Shimano Deore
Brakes	Magura HS33
Shifters	SRAM X.7 twist shifters
Chainset	Aluminium 60/42 T
Cassette	SRAM powerglide II 8v 11-28
Rims	Aluminium Aero
Tyres	Vredestein S-licks
Rear carrier	Included (see picture)

Hurricane TOUR

SPECIFICATIONS

Seat Height	38 cm / 15,0"
Bottom Bracket Height	ca. 54 cm / 21,3"
Wheelbase	106 cm / 41,7"
Seat Angle	25-31 deg.
Total weight limit	130 kg / 290 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Travel rack system	Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	Yes
Above Seat Steering (ASS)	Folding Tiller with adjustable stop
Under Seat Steering (USS)	Available
Rear Suspension	Yes
Front Suspension	Available, Challenge system only

The Hurricane Tour features a longer front and rear fork than the Hurricane Sport, resulting in a slightly higher bike with a longer wheelbase. It is a bike that you can tour with yet is still fast and exciting. In many ways it offers more possibilities than the Hurricane Sport. An option that complements the Hurricane Tour is our newly developed front suspension system. The higher stance also enables larger bags to be fitted, as there is greater ground clearance. If all that isn't enough, fit fatter tyres and head off into the outback, the suspension and greater clearances make offroad touring a real possibility too!

Challenge 

WWW.CHALLENGEBIKES.COM



**Basic Model 16 Speed,
Under Seat steering (USS) € 1,750,00**

Rear Derailleur	Shimano Deore
Front Derailleur	Shimano Tiagra
Hubs	Shimano
Brakes	Magura HS33
Shifters	Shimano twist shifters
Chainset	Aluminium 57/42 T
Cassette	8 Speed: 11-28
Rims	Aluminium Aero
Tyres	Schwalbe Marathon Slick
Rear carrier	Included (see picture)

Hurricane TOUR

SPECIFICATIONS

Seat Height	38 cm / 15,0"
Bottom Bracket Height	ca. 54 cm / 21,3"
Wheelbase	106 cm / 41,7"
Seat Angle	25-31 deg.
Total weight limit	130 kg / 290 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33 lbs
Frame	Aluminium Alloy
Rear Fork	Steel
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	RAEX-HSF 420
Baggage capacity	25 kg / 55 lbs
Day rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Travel rack system	Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	Yes
Above Seat Steering (ASS)	Available
Under Seat Steering (USS)	Indirect with precision coupling
Rear Suspension	Yes
Front Suspension	Not available

The Hurricane Tour USS has in contrast with the Sport USS, an indirect steering system. Because the steering linkage has an inbuilt reduction ratio, the steering is extremely stable and forgiving, making it a pleasure to ride all day. The design of the steering enables the Hurricane Tour USS to be the best of both worlds - a superbly comfortable tourer that also has the great slow speed manoeuvrability of the above seat Hurricane due to its enhanced steering lock.

Challenge 

WWW.CHALLENGEBIKES.COM

OPTIONS

Upgrade SRAM 18v X.7 SRAM X.0 twist shifters, SRAM powerglide 970 11-32 cassette, PC59 chain	€ 65,00
18 speed Shimano Tiagra Package Chainset, Tiagra 65/52T, Deore Hubs, HG70 9Sp 12-25 cassette, Tiagra Front and Rear Derailleur PC 59 chain, SRAM Gripshift	€ 130,00
Upgrade SRAM 18v X.9 SRAM X.0 twist shifters SRAM X.9 rear derailleur, Shimano Tiagra chainset SRAM powerglide 990 11-34 cassette, PC59 chain	€ 160,00
Upgrade Shimano Ultegra / 105 Ultegra rear derailleur, 105 front der., 105 chain set, Shimano 12-26 HG70 cassette, PC59 chain	€ 275,00
Shimano Deore 525 Hydraulic Disc Brakes	€ 220,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
Mono Fork, Challenge Luxe hub (Disc Brake Only)	€ 140,00
Challenge Frontsuspension (as displayed)	€ 290,00
Light weight Rear Air Shock (depends on model)	Up from € 90
Mudguards	€ 40,00
Sideracks	€ 50,00
Kickstand	€ 15,00
Lights	€ 65,00
Wide Seat	€ 30,00
Telescopic Folding Tiller Steerer	€ 35,00
Special wheelsets : see overall price sheet	

OPTIONS

18 speed Shimano Deore Package Chainset: 60/42T, Deore Hubs, 9Sp 11-32 cassette, PC 59 Chain, SRAM Twist Shifters	€ 75,00
18 speed Shimano LX Package Chainset, 60/42T, LX Hubs, LX 9Sp 11-32 cassette, LX Front and Rear Derailleur PC 59 Chain, SRAM Gripshift	€ 130,00
18 speed Shimano Tiagra Package Chainset, Tiagra 65/52T, Deore Hubs, HG70 9Sp 12-25 cassette, Tiagra Front and Rear Derailleur, PC 59 Chain, SRAM Gripshift	€ 150,00
18 speed Shimano 105 Package Chainset, 105 65/52T, Deore Hubs, HG70 9Sp 12-25 cassette, 105 Front and Rear Derailleur, PC 59 Chain, SRAM Gripshift	€ 300,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
Mono Fork (Disc Brake Only)	€ 80,00
Light weight Rear Air Shock	Up from € 90
Mudguards	€ 40,00
Sideracks	€ 50,00
Standaard	€ 15,00
Lights	€ 65,00
Lighting with Schmidt SON Dynohub	€ 260,00
Bar-end Shifters	€ 40,00
Wide Seat	€ 30,00



Basic Model 18 Speed € 1.990,00

- | | |
|------------------|------------------------------|
| Rear Derailleur | SRAM X.7 ESP |
| Front Derailleur | Shimano Tiagra |
| Hubs | Shimano Deore 525 |
| Brakes | Tektro Novella Disc Brakes |
| Shifters | SRAM X.0 twist shifters |
| Chainset | Aluminium 60/39 T |
| Cassette | SRAM Powerglide 970 9v 11-32 |
| Rims | Aluminium Aero |
| Tyres | Continental sport Contact |
| Rear carrier | Optional |

Taifun

SPECIFICATIONS

Seat Height	33 cm / 13,0"
Bottom Bracket Height	ca. 56 cm / 22,0"
Wheelbase	111 cm / 43,7"
Seat Angle	23 deg.
Total weight limit	130 kg / 280 lbs
Wheel Size	20" / 20" (ETRTO 406 / 406)
Average Weight	15 kg / 33lbs
Frame	Aluminium Alloy
Rear Fork	Aluminium Alloy
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo Steel 1"
Rear Dropouts	Alu 7020 replaceable
Baggage capacity	25 kg / 55 lbs
Day cargo rack	Aluminium Rack (12 kg / 27 lbs Max Capacity)
Travel cargo system	Side Racks for Recumbent bags

Internal cable routing	Yes
Dynamo boss	No

Above Seat Steering (ASS)	Folding Tiller with adjustable stop.
Under Seat Steering (USS)	Not available

Rear Suspension	Yes
Front Suspension	Available, Challenge system only

Notes: Hardtail race version available.

The Taifun was originally developed as a Hardtail Semi-Lowracer with 20" wheels front and rear for quick handling and blistering acceleration. It has always had far more potential than out and out speed. So we developed a complimentary suspension system that still retains the beautifully clean lines of the track version yet transforms the bike into a truly versatile all rounder. Race the Taifun or take it touring for a few months.... the choice is yours.



Basic Model 16 speed € 1.875,-

- | | |
|------------------|-------------------------------|
| Rear Derailleur | SRAM X.7 ESP |
| Front Derailleur | Shimano Tiagra |
| Hubs | Shimano Deore 525 |
| Brakes | Tektro Novella disk brake's |
| Shifters | SRAM X.7 Twist shifters |
| Chainset | Aluminium 53/39 T |
| Cassette | SRAM powerglide II 8v 11-28 T |
| Rims | Aluminium Aero |
| Tyres | Swalbe Stelvio |
| Carrier | Optional |

Fujin

SPECIFICATIONS

Seat Height	33 cm / 13,0"
Bottom Bracket Height	ca. 56 cm / 22,0"
Wheelbase	123 cm / 48,4"
Seat Angle	23°, 26° and 29°
Total weight limit	125 kg / 270lbs
Wheel Size	20" / 26" (ETRTO 406/559)
Average Weight	15,5 kg / 34lbs
Frame	Aluminium Alloy
Rear Fork	Aluminium Alloy
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo steel 1"
Rear Dropouts	Alu 7020 replaceable
Baggage capacity	max 25kg / 55lbs
Day rack	In Development
Travel rack system	In Special Lowrider Bags
Internal cable routing	Yes
Dynamo boss	No

Above Seat Steering (ASS)	Folding tiller Steering with adjustable stop, Adjustable Length option available
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Under Seat Steering (USS)	Not available
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Rear Suspension	Yes
Front Suspension	Challenge system only

Lightweight version	Hardtail, estimated weight 10,5 kg / 23 lbs
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The Fujin combines the comfort of the suspended Taifun with the racing pedigree of the Jester. With its 26" rear wheel, 33cm seat height and 123cm wheelbase, the Fujin is perfect for going, really far, really fast. The rear suspension provides far more comfort than is usually found in this category of bike. For the rider seeking the ultimate comfort racer, we offer the Fujin with the Challenge front suspension system....perfect!

OPTIONS

Upgrade SRAM 18v X.9	€ 160,00
SRAM X.9 rear dérailleur, Shimano Tiagra chainset, SRAM powerglide 990 11-34 cassette	
Upgrade Shimano Ultegra/105	€ 275,00
Ultegra rear derailleur, 105 front der., 105 chain set 65/53, Shimano 12-26 HG70 cassette	
Carbon Chainset + ISIS bracket axle	€ 220,00
Magura HS-33 Hydraulic rim brakes	€ 40,00
Shimano deore 525 Hydraulic Disc Brakes	€ 220,00
Magura Louise Hydraulic Disc Brakes	€ 290,00
Shimano XTR Hydraulic Disc Brakes	€ 370,00
Katana Aeroblade single sided fork with Challenge Luxe Mono hub Hollow axle, and Quick release	€ 440,00
Challenge Frontsuspension	€ 290,00
Light weight Rear Air Shock	Up from € 90
Mudguards	€ 45,00
Sideracks	€ 50,00
Carrier "sports"	€ 45,00
Carrier "travel"	See sideracks
Telescopic Folding Tiller Steerer	€ 35,00
Lightweight seat	available
Tyres (bigger / smaller)	call
Special wheelsets : see overall price sheet	

OPTIONS

Upgrade SRAM 18v X.7	€ 65,-
SRAM X.0 twist shifters, SRAM powerglide 970 11-32 cassette, PC59 chain	
Upgrade SRAM 18v X.9	€ 160,-
SRAM X.0 twist shifters SRAM X.9 rear derailleur, Shimano Tiagra chainset SRAM powerglide 990 11-34 cassette, PC59 chain	
Upgrade Shimano Ultegra/105	€ 275,-
Ultegra rear derailleur, 105 front der., 105 chain set, Shimano 12-26 HG70 cassette, PC59 chain	
Carbon chain set + ISIS bracket axel	€ 220,-
Shimano Deore 525 Hydraulic Disc Brakes	€ 220,-
Magura Louise Hydraulic Disc Brakes	€ 290,-
Shimano XTR 525 Hydraulic Disc Brakes	€ 370,-
Katana Aeroblade single sided fork with Challenge Luxe hollow monohub (Disc Brake Only)	€ 440,-
Challenge Frontsuspension	€ 290,-
Lightweight Rear Airshock (depends on model)	Up from € 90,-
Mudguards	€ 45,-
Sideracks	€ 50,-
Rack "sports"	in development
Luggage system "Travel"	In development
Telescopic Folding Tiller Steerer	€ 35,-
57T Chainwheel + integrated chainguard	€ 75,-
Lightweight aluminium Seat	available
Special wheelsets : see overall price sheet	
Wider tyers	call



Basic Model 18 Speed € 2.490,00

Rear Derailleur	Shimano 105
Front Derailleur	Shimano 105
Hubs	Shimano & Challenge mono
Brakes	Shimano XTR diskbrake's
Shifters	SRAM Gripshift
Chainset	Tiagra 53/39 T
Cassette	9 Speed: 12-25
Rims	Aluminium Aero
Tyres	Schwalbe Stelvio
Rear Carrier	Not available

JESTER

SPECIFICATIONS

Seat Height	26 cm / 10,2"
Bottom Bracket Height	ca. 58 cm / 22,8"
Wheelbase	127 cm / 50"
Seat Angle	23 deg.
Total weight limit	110 kg / 240 lbs
Wheel Size	20" / 26" (ETRTO 406/559)
Average Weight	13,3 Kg / 29 lbs
Frame	Aluminium Alloy
Rear Fork	Aluminium Alloy
Front Boom	Aluminium Alloy
Front Fork	Stainless Steel 1"
Rear Dropouts	Alu 6082 replaceable
Baggage capacity	20 kg / 45 lbs
Day rack	Not available
Travel rack system	In Special Lowrider Bags
Internal cable routing	Yes
Dynamo boss	No
Above Seat Steering (ASS)	Fixed, Adjustable Length
Under Seat Steering (USS)	Not available
Rear Suspension	Not available
Front Suspension	Not available
Notes:	Katana Aeroblade Standard

The Jester is the ultimate race model from Challenge. The most stunning design feature of this bike is the way that the frame is formed from a single tube that is split and formed into an elegant wishbone. Both the design and construction are second to none. The bike cries out to go faster so we have included disc brakes as standard, to reign in the speed when you need to!

The Jester has been the bike of choice for several world champions.

Comming up soon:

Seiran



Description

With a seat height of 62 centimeters (24.4") the Seiran is the highest bike in the Challenge programme. The standard version will have a normal vertical spring suspension unit visible under the seat. The Seiran Deluxe, which will have a concealed suspension unit, is shown above. Both Seirans have an aluminium rear fork. The long wheelbase gives the bike excellent driving characteristics. The indirect steering system allows for easy short turns. At present the Seiran concept is under further development.

Your input would be much appreciated.
Paul@challengebikes.com

Latest news on:
www.seiran.info

SPECIFICATIONS

Seat Height	62 cm / 24,4"
Bottom Bracket Height	ca. 80 cm / 31,5"
Wheelbase	126 cm / 49,6"
Seat Angle	28", 31" and 34"
Total weight limit	125 kg / 270 lbs
Wheel Size	26" / 26" ETRTO 559/559
Estimated Weight	12 kg / 25lbs
Frame	Aluminium Alloy
Rear Fork	Aluminium Alloy
Front Boom	Aluminium Alloy
Front Fork	Cro-Mo steel 1"
Rear Dropouts	Alu 7020 replaceable
Baggage capacity	max 25kg / 55lbs
Day rack	aluminium max. 12 kg
Travel rack system	Pannier Racks / Side Racks for Recumbent bags
Internal cable routing	Yes
Dynamo boss	No
Above Seat Steering (folding)	available
Above Seat Steering (rigid)	available
Under Seat Steering (indirect)	available
Rear Suspension	Yes
Front Suspension	available



OPTIONS

18 speed Shimano LX Package LX 9Sp 11-32 cassette, LX Rear Derailleur	No Extra Cost
Upgrade Shimano Ultegra Derailleurs	€ 20,00
Shimano 105 Chainset	€ 130,00
Carbon Chainset	€ 160,00
Shimano XTR Combined brake and STI levers	€ 160,00
Katana Aeroblade single sided fork (disc brake only)	Standard
Challenge Luxe Mono hub Hollow axle, and Quick release	Standard
Challenge Frontsuspension	N/A
Mudguards	N/A
Sideracks	€ 50,00
Special Colour	No Extra Cost
57T Chainwheel	€ 75,00
Folding tiller in place of Fixed Steerer	No Extra Cost
Special wheelsets	available

Challenge

General Options

Ventilted seat with deluxe cover	€ 40,00
B&M Rear view mirror (for above seat steering)	€ 15,00
Shock boot for rear shock	€ 7,00
Shock pump (High Pressure)	€ 40,00
Coloured Rims (Disc Brake versions only)	€ 55,00
Headrest Stainless	€ 45,00 excl. mounting
Headrest Titanium	€ 90,00 excl. mounting
Velocity Rims with American Classic Hubs and SAPIM spokes	€ 180,00
Aero spoke wheels	€ 865,00
Black Aero Rims (20")	No Extra

A Challenge bike for the smaller rider

On recumbent, shorter riders can experience a few problems when trying to find the right sized bike. With the pedals brought back closer to the seat, they are also closer to the front wheel. In order to facilitate shorter riders, challenge offers several solutions to prevent "heel overlap" where the action of pedalling can interfere with the front wheel. We can offer the following solutions:

Shorter cranks (Shimano 160-165mm), a slightly higher front fork crown and we even offer the Hurricane, Fujin and Taifun as a shorter frame option. Ask your dealer for details.

Also available systems: SRAM dualdrive
Rohloff speedhub

The latest information and the total model collection you find on:

WWW.CHALLENGBIKES.COM

Challenge b.v. retains the right to alter prices and specifications without notice.
All prices in euros including Dutch VAT and without shipping costs.
Published: April 2004

Colours en Colour-specials

2-layer powdercoating

Standaard No surcharge	Luxe Surcharge € 40,-	Special Surcharge € 70,-
Diamond Red	Red Satin	Champagne (matt metallic)
Diamond Blue	Black Satin	Silver Metal (matt metallic)
Yellow (ral 1023)	Diamond Violet	Electric Orange
	Purple Satin	Orange Metallic
	Nuclear Yellow	Swan White
		Apple green Satin
		Cherry Red Metallic
		Ultramarine
		Diamond Green
		Dark Green Satin
		Diamond Cobalt
		Deep Purple
		Fluor Pink
		Apple Green Metallic
		Ultramarine Satin
		<i>Own ideas can be brought in.</i>

Some colours can have a longer delivery time.



Challenge front suspension

35 mm of travel makes a world of difference to your comfort. Road shock is effectively dampened and the front wheel spends more time in contact with the road. The construction is borrowed from the aircraft industry and provides accurate tracking throughout length of the stroke. All of this is housed within the 1" steerer, it is light yet exceptionally strong using carbon extensively in its construction.

The heart of the Challenge suspension lies in the gas/ oil cartridge unit. Depending on your weight you can choose to have a hard or soft set up giving a progressively spring smooth travel.

Because we have used the finest hard wearing materials and high tolerance engineering the Challenge suspension will give many years of reliable service in all climates.



Challenge 

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Challenge 

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Katana Aeroblade stainless steel one-sided fork. Fitted here to a Mistral Deluxe USS.

The Tightly designed wishbone rear end of the Mistral Deluxe, the rear suspension is concealed within the frame.



Construction of the suspended Taifun and Fujin

The Steering of the Hurricane Tour USS follows the line of the frame.





Grip shifters for quick and easy gear changes.

Bar end shifters for ergonomic gear changes on the USS options.



Light running wheel with in-molded ball-bearing and cage.

Telescopic tiller.





A splitted aluminium extrusion profile is the base for the Taifun, Fujin, Mistral Deluxe and Selran rear fork.



The suspension version of the Taifun and Fujin

Oil damped Airshock also available with adjustable damping.



Ergonomically formed seat with cut-outs for spine support and ventilation. Available in two lengths: Medium and Large. The medium seat is also available as a wide option.

