



proven pedigree | choice of champions



TESCHNER TECHNOLOGIES
GROUP



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TTG products are available in selected countries, refer to our website for details.

www.teschnergroup.com

T300-3002

TESCHNER

PRODUCT CATALOGUE

ABOUT THE COMPANY

The Teschner Technologies Group (TTG) is Australia's most progressive bike company with some 20 years of combined experience in the bike industry. Peter Teschner the CEO of the Company, has built the TESCHNER brand on technology, performance and exacting standards. His relentless pursuit of excellence has always been his focus. More recently he joined forces with Paul Farrell of Leggera Bikes to embrace the latest carbon fibre technology.

The merger in October 2005, is a win win situation for both companies, with Leggera benefiting from TESCHNER'S experience in fine tuning the Leggera range and enhancing further the performance of Leggera bikes. On the other hand TESCHNER now has the ability to craft in numbers, both scandium/carbon and full carbon monocoque thanks to Leggera.

The past 12 months has seen a massive explosion of new bikes and expansion into the international market, with the introduction of 5 new models. These included a new world class full carbon track frame, a women's specific range, designed in conjunction with 2004 Olympic Gold Medallist Sara Carrigan, the first full carbon TESCHNER road bike, the new full carbon Aerowave TT bike and the Leggera Ingresso. TTG has the full backing of a manufacturing facility that has the capacity to produce 5000 carbon frames and 10,000 carbon forks per month. In addition, this manufacturing process is backed up by our own office and permanent QC staff supported by a team of 10 design engineers and an R&D Department of some further 20 engineers and staff.

The Australian Institute of Sport (AIS)

The most significant news for TTG is the announcement that we will be supplying bikes to the AIS Men's and Women's Road Program and XC MTB Program for 2007 – 2009. This is the first time that an Australian company has teamed with the AIS to cover these three programs.

HISTORY OF TESCHNER

TESCHNER bikes was established in 1990 to handcraft titanium frames. Whilst titanium was a difficult material to work with this did not phase Peter Teschner. In 1992 Easton and Columbus introduced specific aluminium tube sets and Peter Teschner moved his focus to aluminium. In early 1990's and even today the custom handcrafted market is still a very specialist and small industry.

The first recognition that TESCHNER was making inroads into the Australian bike industry came in 1995 when Heiko Salzwedel the Head Coach of the Australian Institute of Sport (AIS) ordered a number of road frames. This recognition was further enhanced, when in 1996 at the Australian National Road ITT Championships ***the first 10 in the mens division were riding TESCHNER bikes.*** On the same day the women were not to be outdone, ***with TESCHNER bikes filling places 2 through to 5.*** This feat was again repeated in 2004, ***when the first 10 places in the Women's National ITT Championships were riding TESCHNER bikes.***

In 1999 TESCHNER was commissioned by FUJI USA to build some 500 frames for the US market and the Mercury Road Team as well as the 7UP Colorado Road Team. During a three year period these teams won over 300 races in the US and Europe further enhancing the TESCHNER reputation of excellence in frame building.

Choice of Champions

Numerous International and Australian World, Olympic, Commonwealth, National and State Champions have ridden bikes handcrafted by TESCHNER. Some of these cyclists are Ryan Bayley, Sean Eadie, Anna Meares, Kerrie Meares, Emma Snowsill, Courtney Atkinson, Miles Stewart, Rebekah Keat, Anna Millward, ***Sara Carrigan***, Kate Bates, Louise Yaxley, Jenny MacPherson, Lorian Graham, Tracey Gaudry, Kristy Scrymgeour, Alexis Rhodes, Nathan O'Neill, Henk Vogels, Ben Day, Graeme Brown, Mary Grigson, Baden Cook, Henk Vogels, Mick Rogers, Matt White, Nick Gates, Kathy Watt, Oliva Gollan, Brad Bevan, Floyd Landis, David Zabriskie, Chris Horner, Mike Sayers, Chris Wherry, Derek Brouhard – Hall, Marty Nothstein, Jan Koerts and Roy Knickman.

Amazingly TESCHNER bikes have won the Women's National ITT Championships for 7 years in a row from 1999 to 2005.



Ben Day, Silver Medallist, ITT, Commonwealth Games 2006

The Design Process

Any great product is first formulated in the mind of the designer followed by countless hours of sketches

TTG's team of experienced designers, each specialists in their own field, constantly meet to discuss and develop the concept. Sketches make way for more traditional technical drawings. More discussion, more refining. Eventually the concept is transferred

onto computer and the art of product design can be realized in digital form.

TTG is able to produce full-size models in a range of materials for evaluation and countless hours of testing. This is all long before any carbon is ever cut or moulded.



Working with the most advanced CAD technology, the designer crafts his concepts into workable technical drawings. These are used to create life-size models of the object.



The model is a working tool that is used to fine tune the design structurally, aerodynamically and aesthetically. Aerowave TT with designer Lewis Mathiske.

The Masters at work.

Carbon Manufacturing

Carbon is not a new product even to the bicycle industry. With today's technology there are better raw materials and better manufacturing methods and there is a better understanding on how to use carbon to its fullest potential. That's why we have teamed with one of the industry's best manufacturers to make our frames. Whilst we do not actually make the frames we do design every part of the frame including hands on testing to ensure that the transfer from design to product is without compromise. At TTG it can take us more than 12 months of designing, testing, redesigning and retesting to bring an initial idea to the market.

Our QC process is second to none with each frame taking some 50 hours to complete. Each individual piece of carbon that goes into a frame is weighed, mechanically and visually checked to ensure that it complies with our strict standards. Unlike many other manufacturers who randomly test a frame as it passes through production, every TESCHNER frame is tested for stiffness, alignment, weight tolerance and finish. You can rest easy knowing that TESCHNER means perfection through TECHNOLOGY. . . there are no compromises.



One half of a CNC machined steel mold used in carbon frame manufacturing.



Precise hand layering of carbon structure to ensure accurate alignment and positioning of fibres.

Expert quality control at every step ensures a better product.

Technology at Work



Precision hand-finishing to every component.



The seat tube junction of a Teschner Track Pro being formed layer by layer.



Each component part is individually weighed – too heavy or too light – rejected. The allowed tolerances are minute.



Rear stays are checked on a test jig to ensure accurate alignment. One of more than 8 separate quality checks on EVERY frameset.



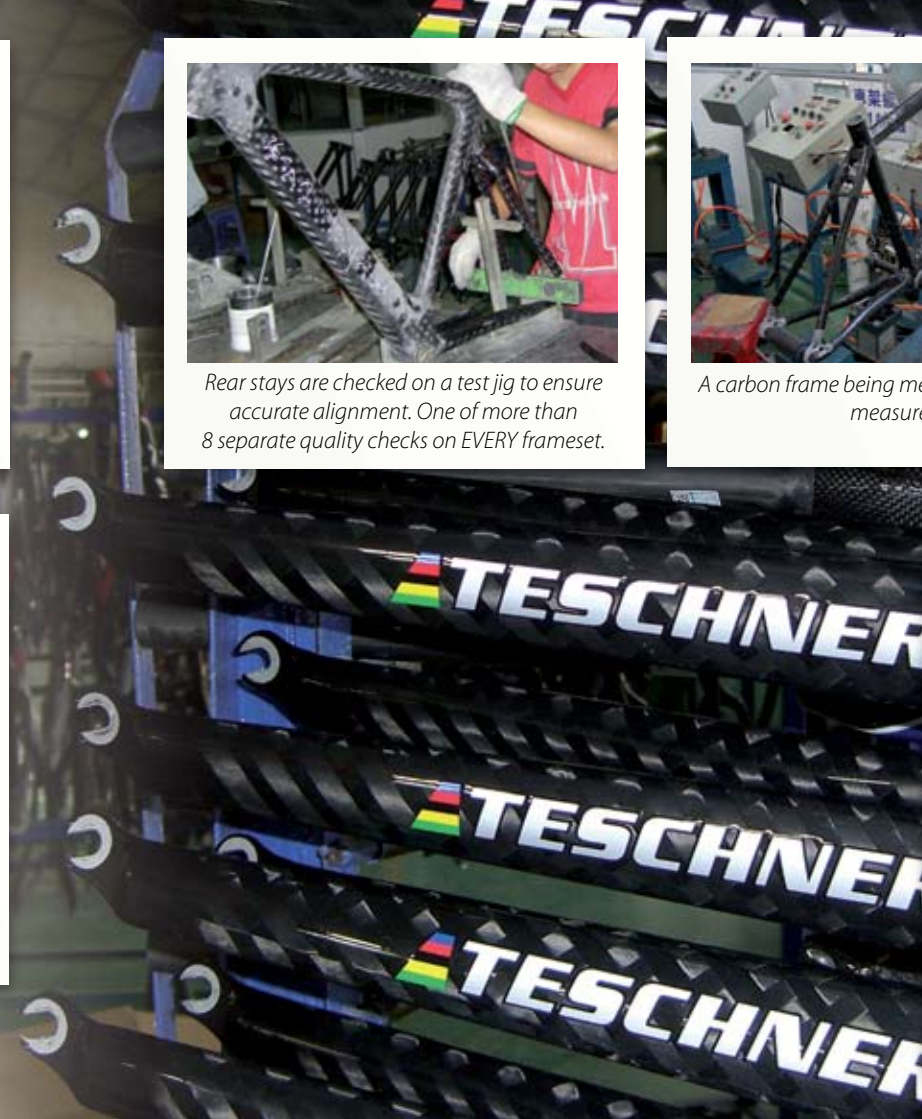
A carbon frame being mechanically stressed to measure flex.



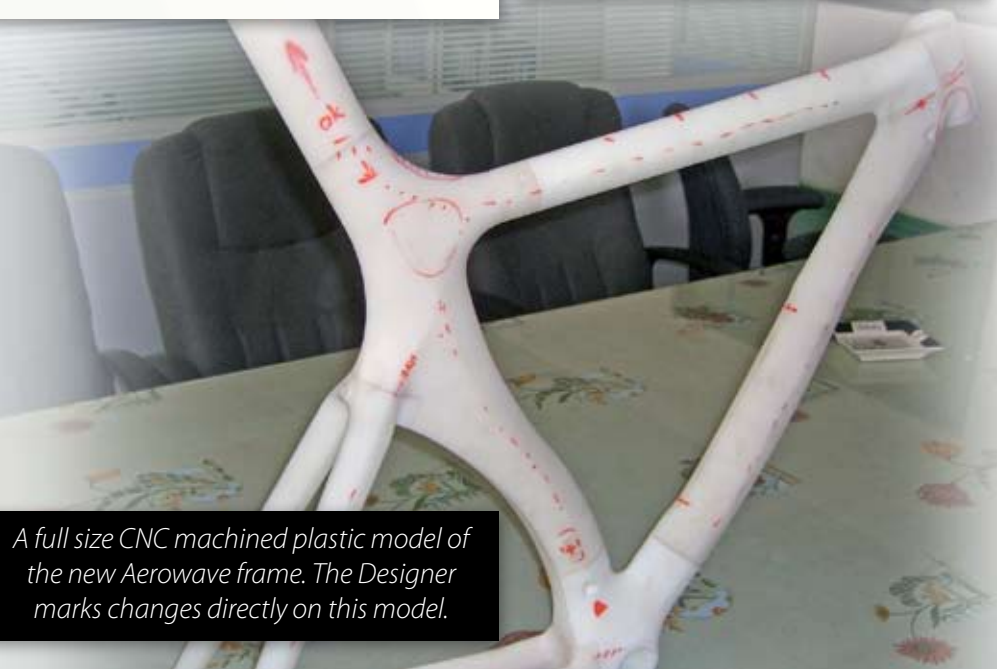
A frame gets a layer of clear lacquer applied in the paint room.



Quality checks at every stage. Here confirming carbon sheet thickness is within specification.

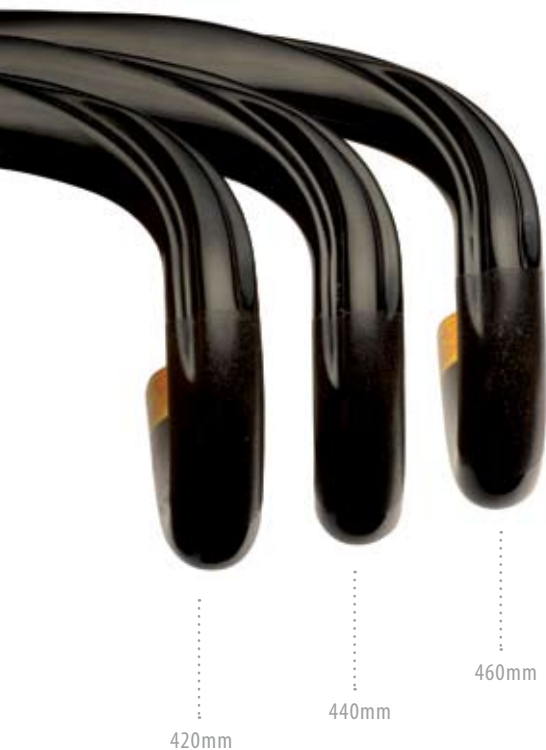


Final Q.C. inspection prior to shipping of EVERY frame.



A full size CNC machined plastic model of the new Aerowave frame. The Designer marks changes directly on this model.

PERSONALISED FIT – YOU DECIDE



There is a lot more to buying a bike than simply choosing the correct frame size. A well fitted bike at best will help the rider perform at their optimum while a poorly fitted bike will give a poor position and at worst could lead to injury.

All TESCHNER bikes come with a Personalised Fit which means that not only will your TESCHNER Dealer fit you to the correct frame size, you will also get the correct bar width, stem length and crank length. You can even choose which gear ratio you would like on your cluster. The Personalised Fit service is included in the price of every TESCHNER bike.

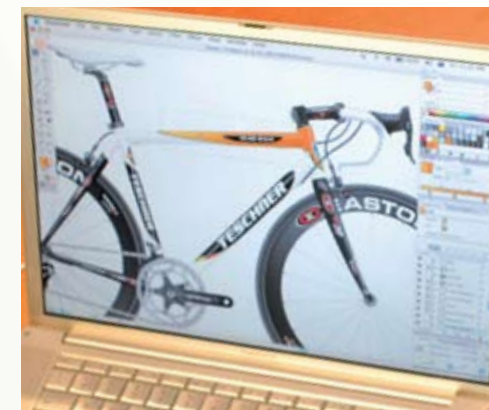


CUSTOM HAND CRAFTED FRAMES

At TESCHNER we believe that there is no substitute to a perfect fit. The more we know about you and your riding characteristics the better we can craft a bike that will work with you every time you race or ride for pleasure. Proper fit is all about comfort and biomechanical efficiency and once we understand everything about you, we then craft these characteristics into every frame we build. But it just doesn't stop there as tubing and frame materials along with your choice of components is just as important to us. We provide you with a CAD drawing of your new frame as well as a graphically illustrated facismile of the finished bike right down to your choice of fork, bar, stem, seat post, saddle, wheels, tyres and groupset.

No longer do you need to visualise what you think your new bike will look like...no longer do you need to ride what everyone else rides. Just pop into any of our selected Dealers and they will gather all the information about you and forward that to us. Peter Teschner and his team will then work with you personally right through to the bike being delivered back to the Dealer for you to pick up.

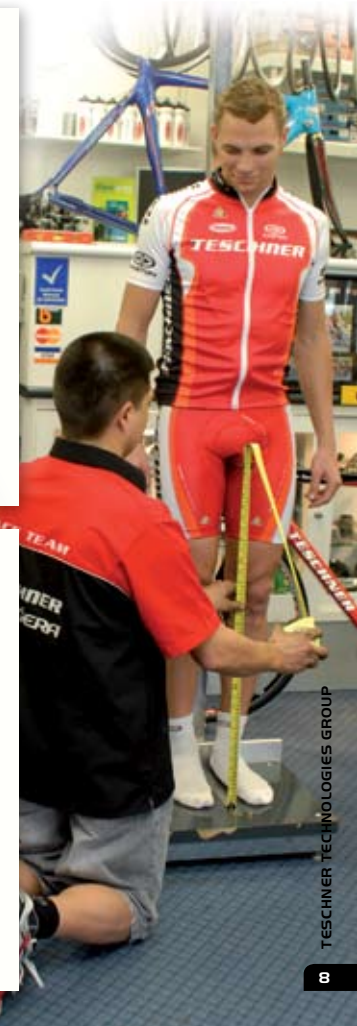
No longer is there a mystery to the custom bike build process as we provide you with the highest level of service and support. Treat yourself to one of life's best pleasures and call us today.



An illustration of a customer's bike. Colours and parts are shown on the frame.



A CAD drawing of a customer's frame



EURO PRO

Conceived and crafted high performance racing at the elite level.

- Full Carbon UDC Frame
- Semi Compact Geometry
- Teschner All Carbon Fork (320g)
- Easton EC90 Carbon Post, Bars & Stem
- Mavic Ksyrium ES Wheelset (1485 grams)
- Shimano 10 Speed Dura-Ace Groupset
(Available in Campagnolo Carbon Record or Chorus)

colours

 UDC Carbon Weave with Red Decals

weight 6.9kg (54cm as displayed)

sizes 51cm | 54cm | 56cm | 58cm | 60cm

Geometry & Full Technical Spec refer page 21-22



NEW
MODEL



aerowave TT

THE definitive name in professional TT or Tri framesets. Fast, super fast for when technical superiority really matters.

- Full Carbon Monocoque Frame with integrated seatpost
- Teschner All Carbon Aero Fork
- FSA Vision Integrated Aero Bars & Stem
- Zipp Carbon Clincher 808 Front, Disc Rear
- Shimano 10 Speed Dura-Ace Groupset
- FSA Carbon Cranks with TT specific chain Ring
- Designed by Lewis Mathiske

NEW
MODEL



colours

UDC Carbon Weave with White, Black and Fluro Yellow Paint

weight 7.5kg

sizes 53cm | 55.5cm | 57cm

Geometry & Full Technical Spec refer page 21-22

aerowave TR

*A Triathlete's Dream.
A lightweight aero race bike that will get you to the run leg before anyone else.*

NEW
MODEL



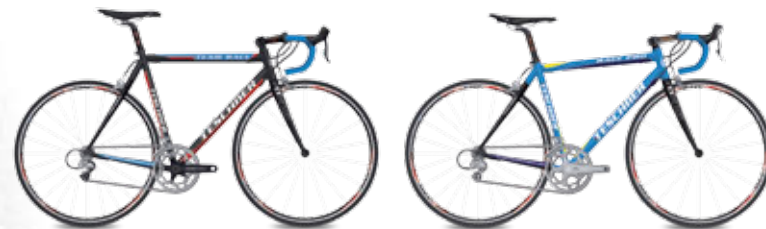
- Full Carbon Monocoque Frame with integrated seatpost
- Teschner All Carbon Aero Fork
- Easton EC90 Carbon Stem and Carbon AeroForce Bars
- X-Treme Blade Elite Carbon Tubular Wheelset (1225g)
- Shimano 10 Speed Ultegra Groupset
- Designed by Lewis Mathiske

colours

UDC Carbon Weave with White, Black and Raging Red Paint

weight 7.5kg

sizes 53cm | 55.5cm | 57cm



Introducing the Teschner 'Race' Series of Scandium and Alloy High Performance Bikes

TESCHNER | RACE TUNED GEOMETRY



TEAM RACE

*The Professional Racers choice
when results are everything.*

- Easton GX2 Scandium Frame with
- Teschner All carbon stays
 - Teschner All Carbon Fork (320g)
 - Easton EC90 Carbon Post, Bars & Stem
 - Easton Ascent II Wheelset (1417 grams)
 - 10 Speed SRAM Force or Shimano Dura-Ace Groupset
(Available in Campagnolo Carbon Record or Chorus)
 - Semi Compact and Traditional Geometry
(Refer technical spec on page 21-22)



colours

Black/Sky Blue/Red

weight

7.4kg (55cm as displayed)

sizes

50cm | 52cm | 54cm | 55cm | 56cm | 57cm | 58.5cm | 60cm



TESCHNER | RACE TUNED GEOMETRY

RACE PRO

Race Tuned to get you to the line first.

Teschner H₁₆ 7005 Alloy Race Tuned Frame with

- Teschner All Carbon Stays
- Teschner All Carbon Fork (320g)
- Easton EA70 Alloy Post, Bars & Stem
- Easton Circuit Wheelset (1650 grams)
- 10 Speed Shimano Ultegra or SRAM Rival Groupset
(Available in Campagnolo Carbon Chorus and Centaur)
- Semi Compact and Traditional Geometry
(Refer technical spec on page 21-22)



colours

 Sky Blue/Yellow/Navy

weight 7.9kg (55cm as displayed)

sizes 50cm | 52cm | 54cm | 55cm | 56cm | 57cm | 58.5cm | 60cm



TESCHNER | RACE TUNED GEOMETRY

RACE

The name says it all.

Teschner H₁₆ 7005 Alloy Race Tuned Frame with

- Teschner All Carbon Stays
- Teschner All Carbon Fork (320g)
- Easton EA50 Alloy Post, Bars & Stem
- Easton Vista Wheelset (1797grams)
- Shimano 10 Speed 105 Groupset
(Available in Campagnolo Centaur)
- Semi Compact and Traditional Geometry
(Refer technical spec on page 21-22)



colours

 Red/White

weight 8.4kg (55cm as displayed)

sizes 50cm | 52cm | 54cm | 55cm | 56cm | 57cm | 58.5cm | 60cm



Diva

RACE BIKES MADE FOR WOMEN



Sara Carrigan the 2004 Athens Olympic Road Gold Medallist

Designs For Women — A girl's need for speed does not have to mean an ill fitting bike. As the current Olympic Road Champion Sara Carrigan knows a bio-mechanically efficient bike makes all the difference. . . a gold medal difference!!!!

The new Carrigan inspired Divas come with a full complement of women's-specific components. Of course our personalised fit program also means no more compromises.

Sara Carrigan

NEW
MODEL



Diva - 3

Teschner H₁₆ 7005 Alloy Race Tuned Compact Frame

- Teschner All Carbon Stays
- Teschner All Carbon Fork (320g)
- Easton EA50 Alloy Post, Bars & Stem
- Shimano 105 Wheelset
- Shimano 10 Speed 105 Groupset



weight 8.5kg (Size WS as displayed)

sizes WXXS | WXS | WS | WM | WL | WXL

NEW
MODEL



Diva - 1

Easton GX2 Scandium Compact Frame

- Teschner All Carbon Stays
- Teschner All Carbon Fork (320g)
- Easton EC90 Carbon Post, Bars & Stem
- Shimano Dura-Ace Wheelset
- Shimano 10 Speed Dura-Ace Groupset
- Compact Geometry



weight 7.6kg (Size WS as displayed)

sizes WXXS | WXS | WS | WM | WL | WXL

NEW
MODEL



Diva - 2

Teschner H₁₆ 7005 Alloy Race Tuned Compact Frame

- Teschner All Carbon Stays
- Teschner All Carbon Fork (320g)
- Easton EA70 Alloy Post, Bars & Stem
- Shimano Ultegra Wheelset
- 10 Speed SRAM Rival or Shimano Ultegra Groupset



weight 7.9kg (Size WS as displayed)

sizes WXXS | WXS | WS | WM | WL | WXL

TRACK PRO

The No.1 choice of champions! Proven in competition to be stiffer, lighter and... FASTER!

- Ultra Hi-Modulus UDC Carbon Fibre Frame
- Stainless Steel Replaceable Track Dropouts
- Clear Coat Carbon Finish
- Custom Painting Available
- Inc. Integrated Headset
- Inc. Carbon Fork with Alloy or Carbon Steerer 30mm & 35mm Offset Available
- Inc. Aero Carbon Seat Post & Carbon Clamp
- Stainless Steel BB

TESCHNER | RACE TUNED GEOMETRY



"Going from my previous bike to the Track Pro is like trading in a 1972 Volvo station wagon for a Porsche 911T"

- Colby Pearce, USA Cycling, Track Endurance Coach

colours

☒ UDC Carbon Weave with Black & White Decals

weight 6.7kg (54cm as displayed)

sizes 52cm | 53cm | 54cm | 55cm

Geometry & Full Technical Spec refer page 21-22

Track Components

TK-I2 TRACK SPRINT BAR



NEW MODEL

A breakthrough in track bar design – phenomenal lateral stiffness and strength. Amazingly low weight compared to conventional steel pista bars. Unique flared bar end drops to reduce slippage. (Patent Pending)

WEIGHT: 320 grams (31.8 mm)
SIZE: 40 cm (center to center), 38 mm (coming soon)
COLOUR: Black weave

TK-II TRACK PURSUIT BARS



NEW MODEL

The world's lightest and stiffest track-specific pursuit aero bar set. Racing S bend or straight extensions available. Multi-position armrests with height adjustment. Unique race-developed carbon base bar profile

WEIGHT: 725 grams (31.8 mm)
COLOUR: Black weave

FRAME GEOMETRY

GEOMETRY KEY

A

Top Tube Length Horizontal

B

Top Tube Length Compact

C1

Seat Tube Length (Centre BB to Centre TT)

C2

Seat Tube Length (Centre BB to Top ST)

RC

Chain Stay Length

E

Wheel Base (Centre to Centre)

F

Fork Rake

H

BB Drop

L

Head Tube Length

M

Centre BB to Front Skewer

Q1

Seat Tube Angle

Q2

Head Tube Angle

MODEL	SIZE	A	B	C1	C2	RC	€	F	H	L	M	Q1	Q2
Teschner Euro Pro	51cm	525	515	445	510	405	-	50	68	122	-	75	71
	54cm	545	535	475	540	405	-	50	68	141	-	74.5	71
	56cm	555	545	496	560	405	-	45	68	157	-	73.5	72.5
	58cm	570	560	520	580	405	-	40	68	170	-	73.5	73.5
	60cm	585	575	540	600	405	-	40	68	191	-	73	73.5
Teschner Team Race Teschner Race Pro Teschner Race	50cm	500	490	490	450	408	972	50	70	110	568	75	70.75
	52cm	520	510	510	470	408	981	50	70	130	577	74	71.25
	54cm	540	530	530	490	408	984	45	70	140	580	73.5	72.25
	55cm	550	NA	540	NA	408	993	45	70	150	590	73.5	72.5
	56cm	560	NA	550	NA	408	1003	45	70	160	600	73.5	72.5
	57cm	570	NA	560	NA	408	1013	45	70	170	610	73.5	72.5
	58.5cm	585	NA	575	NA	408	1012	40	68	185	607	73	73.25
	60cm	600	NA	590	NA	408	1024	40	68	200	620	73	73.5
Teschner Diva 1, 2, 3 (Womens Specific Design)	WXXS	495	485	480	440	410	969	50	70	100	566	75	70.25
	WXS	510	500	495	455	410	978	50	70	115	574	74.5	70.75
	WS	525	515	510	470	410	988	50	70	130	584	74	71
	WM	535	525	520	480	410	996	50	70	135	588	73.5	71.25
	WL	545	535	530	490	410	989	45	70	140	585	73.5	72.25
	WXL	555	545	540	500	410	998	45	70	150	595	73.5	72.25
Teschner AeroWave TT Teschner AeroWave TR	53cm	530	-	480	-	398	973	43	70	100	579	75	72.5
	55.5cm	555	-	490	-	398	994	43	70	110	600	74.5	72.5
	57cm	570	-	530	-	398	1004	43	70	120	610	74	72.5
Teschner Track Pro	52cm	515	-	455	520	380	930	35	45	100	552	75	73.5
	53cm	530	-	485	530	380	945	35	45	130	568	75	73.5
	54cm	555	-	480	540	380	955	30	45	120	580	74.5	73.5
	55cm	575	-	480	550	380	975	30	45	120	595	74.5	73.5
<div><div>SHIMANO</div><div>EASTON</div><div>SRAM</div><div>MAVIC</div><div>Campagnolo</div><div>X-TREME</div><div>fi'zi:k</div><div>selle ITALIA</div><div>zipp</div><div>Vittoria</div><div>FSA</div><div>FULL SPEED AHEAD</div><div>VELOFLEX</div></div>													

Component Spec											
Model	Frame	Fork	Headset	Bars	Stem	Groupset	Cranks	Wheelset	Tyres	Post	Saddle
Teschner Euro Pro	Full Carbon	Teschner All Carbon	FSA Hiddenset	Easton EC90 Carbon Oversize 31.8mm	Easton EC90 Carbon Oversize 31.8mm	Shimano 10sp Dura-Ace	Shimano 10sp Dura-Ace	Mavic Ksyrium ES 18/20 spokes	Veloflex	Easton EC90 Carbon Oversize	Fi'z:k Aliante Carbon Rails
Teschner Team Race	Easton GX2 Scandium with Teschner Carbon Seat & Chain Stays	Teschner All Carbon	FSA Hiddenset	Easton EC90 Carbon Oversize 31.8mm	Easton EC90 Carbon Oversize 31.8mm	SRAM Force 10sp or Shimano 10sp Dura-Ace	SRAM Force 10sp or Shimano 10sp Dura-Ace	Easton Ascent II 18/24 spokes	Veloflex	Easton EC90 Carbon Oversize	Fi'z:k Aliante Titanium Rails
Teschner Race Pro	Teschner H% Alloy with Teschner Carbon Seat & Chain Stays	Teschner All Carbon	FSA Hiddenset	Easton EA70 Alloy Oversize 31.8mm	Easton EA70 Alloy Oversize 31.8mm	Shimano 10sp Ultegra	Shimano 10sp Ultegra	Easton Circuit 24/28 spokes	Vittoria	Easton EA70 Alloy Oversize	Fi'z:k Arione
Teschner Race	Teschner H% Alloy with Teschner Carbon Seat & Chain Stays	Teschner All Carbon	FSA Hiddenset	Easton EA50 Alloy Oversize 31.8mm	Easton EA50 Alloy Oversize 31.8mm	Shimano 10sp 105	Shimano 10sp 105	Easton Vista 20/24 spokes	Vittoria	Easton EA50 Alloy Oversize	Fi'z:k Arione
Teschner Diva 1	Easton GX2 Scandium with with Teschner Carbon Seat & Chain Stays	Teschner All Carbon	FSA Hiddenset	Easton EC90 Carbon Oversize 31.8mm	Easton EC90 Carbon Oversize 31.8mm	Shimano 10sp Dura-Ace	Shimano 10sp Dura-Ace	Shimano Dura-Ace WH-7801 16/20 spokes	Veloflex	Easton EC90 Carbon Oversize	-
Teschner Diva 2	Teschner H% Alloy with Teschner Carbon Seat & Chain Stays	Teschner All Carbon	FSA Hiddenset	Easton EA70 Alloy Oversize 31.8mm	Easton EA70 Alloy Oversize 31.8mm	SRAM Rival 10sp or Shimano 10sp Ultegra	SRAM Rival 10sp or Shimano 10sp Ultegra	Shimano Ultegra WH-R6600 16/20 spokes	Vittoria	Easton EA70 Alloy Oversize	-
Teschner Diva 3	Teschner H% Alloy with Teschner Carbon Seat & Chain Stays	Teschner All Carbon	FSA Hiddenset	Easton EA50 Alloy Oversize 31.8mm	Easton EA50 Alloy Oversize 31.8mm	Shimano 10sp 105	Shimano 10sp 105	Shimano 105 WH-R5600 20/24 spokes	Vittoria	Easton EA50 Alloy Oversize	-
Teschner AeroWave TT	Full Carbon Monocoque with Integrated Seat Post	Teschner All Carbon Aero	FSA Hiddenset	FSA Vision Integrated Aero Bars & Stem	-	Shimano 10sp Dura-Ace	FSA Carbon TT Chain ring	Zipp 808 Clincher & Disc	Veloflex	Integrated	Selle Italia SLR
Teschner AeroWave TR	Full Carbon Monocoque with Integrated Seat Post	Teschner All Carbon Aero	FSA Hiddenset	Easton AeroForce Carbon Aero Bars	Easton EC90 Carbon	Shimano 10sp Ultegra	Shimano 10sp Ultegra	X-Treme Elite Blade Carbon Tubular	Veloflex	Integrated	Selle Italia SLR
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