

FUJI

EDITION NO.21



HISTORY.
HERITAGE.
PRIDE.

FUJI

From earliest childhood, the bicycle takes a unique place in our hearts. Its mobility expands our domain, its responsiveness challenges our skills, its speed excites our senses. The bicycle allows the child the independence of man... and man the free spirit of child. But, in truth, the bicycle is more: the refinement of its technology echoes the evolution of the industrial revolution.



While the first recorded patent of a man-powered machine actually dates back to february 4th, 1645. It wasn't until 1839 that the first self-propelled bicycle appeared. In 1861 cranks were first attached to the front wheels. Bike transportation had been born.

Progressing from transportation to recreation didn't take long. The date was May 31st, 1868. Two hundred wood and iron framed machines gathered in Parc de Saint-Cloud for the world's first bicycle race. The course covered 83 miles of roadways that would challenge today's toughest off-road bike. Tires were solid, bone-jarring rubber. The winner, with a time of 10 hours and 25 minutes, was James Moore. At 160 pounds, the bike probably weighed more than he.

In 1874 the first rear-drive machines were created. Called the safety bicycle, they featured two wheels of equal diameter with an endless chain between the driving sprocket and the rear wheel. Among the advantages this technique offered were ease in mounting, stability in riding and the welcome ability to brake.

The true precursor of today's bikes was born in 1893, with the advent of the dual-diamond-pattern frame design principle. Its two opposing triangles soon emerged as the most practical and popular approach, and remains so today.

A mere six years later, in 1899, Japan's Fuji was born. The result of the merger of one of the nation's leading bicycle importers and respected mechanical engineering firm, Fuji was ideally poised to fuse innovative technology with proven performance. And, by the development of derailleur gears in 1905, Fuji had established a solid foothold in the industry.

With the roaring twenties Fuji was Japan's most popular bike, dominating not just the marketplace, but the newly introduced billboards along the

major rail routes. In the 30's Fuji established the first national multiple stage race between Osaka and Tokyo, and, naturally, sponsored the winning team of this "Tour de Japan."

Fuji's racing tradition continued beyond the 1964 Olympics, in Tokyo. Dr. Shoichilo Sugihara, Fuji's chief engineer and world renowned competitive bike designer, coached the Japanese national team. He repeated this role at the 1972 Olympics as well. Fuji's place in bicycle history was assured.



INSIGHT.
INGENUITY.
PRIDE.

FUJI

In 1971, Fuji America was established on our shores. Those were days during which recognition for the innovation, efficiency and craftsmanship of Japanese manufacture was reserved to the connoisseur. It was just beginning to become apparent in the field of electronics, in the automotive world it was, as yet, unknown. So our mission was clear-cut : earn the deserved admiration for what Japan's combination of modern technology and old-world ideology could achieve. With one look, one ride, Fuji proved an exemplar.



Fuji America began with the refinement of a quality dealer network: a network that would set the standard for customer service and thus, customer satisfaction. We supported them with engineering excellence and uncompromised product quality. And we enhanced our position through our commitment to provide outstanding value at any, and every, price.

Among Fuji's acknowledged breakthroughs in those early years was the utilization of double-butted chrome molybdenum frame sets on many popular-priced models. We were ahead of our time with the introduction of the now legendary Shimano Dura Ace componentry group. And we led the field with the diversity of a line designed to fulfill



every rider's demands.

In 1977 Fuji, in conjunction with Sun-Tour, developed the six-speed free-wheel, resulting in our 12-speed Gran Tour -- a world first. Another first was our integration of sealed bearing hubs on affordable bikes. The women's racing team we fielded in '78 was one of the nation's first -- and certainly a factor in awakening societal recognition of women's prowess in sports. We again led the market in 1980 with our Cambridge, an urban cyclist's bike designed for commuting. Today, its configuration is known as Sports Fitness, one of the industry's fastest growing segments.

The responsiveness of our products is matched only by our

customer responsiveness. The two combined when we created proportionally fitted frame sizing' as well as proportionally fitted components. It led to our leadership in the entire All Terrain Bike segment. And it is what presaged our introduction, in 1987, of the ultimate in lightweight bike material, endurance and prestige, the Fuji Titanium, first in a Road model, then in Mountain.





Quality Bikes since 1899

**Precision. Performance.
Pride. For a purpose.**

Every Fuji innovation is the product of purpose, not fad. Yes, our bikes set styles, but they are those that endure. Our determination is to accomplish what's never been done, to satisfy needs that have never been met, to take technology beyond. This is the hallmark



of our achievements in two decades of American endeavor. But that was than... today we breach a new threshold.

We embark on 1991 with a new independence, a spirit that will infuse the Fuji of the future. We call it F21: Fuji in our 21st year, Fuji primed for the 21st century. It is a vision realized, dramatically, demonstrably, on the pages that follow.

The Fuji 1991 collection is a resounding reflection of our new-felt freedom. We've searched the world over for the best resources, we've researched cycling science for the best solutions. We've succeeded. You'll see it in bikes utilizing the finest frame materials ever, such as Titanium tubing crafted by Sandvik,

whose technological know-how is an imperative of America's space efforts. You'll recognize it in performance-selected componentry, such as those from Campagnolo, the Italian artisans revered for a dedication to quality that equals only our own. And you'll feel it in every Fuji.

Throughout our line you'll find engineering refinements, both subtle and striking. They are the result of young, dynamic design, research and marketing teams who are, first and foremost, demanding cyclists themselves. They've grown up riding America's roads and trails. They, as you, have searched for precision and reliability from every element of every bike they've ever ridden. They've shared your

demand for uncompromised value. Everyday they challenge their bikes and themselves, to perform as never before. The result is Fuji '91.



F21's Concept

ATB

Purpose : All Terrain

Man in nature, the rough conquered. The ride is rugged, the emotion, exhilaration. The magic is maintaining symmetry between weight and durability, responsiveness and reliability. Fuji is a master of ATB, and these newly engineered features for F21 is why. They've been incorporated into 3 distinct classes of ATB, each appropriate for the type of rider you are. The Sport models were designed to challenge, not intimidate, the novice. Our race-capable Expert class bikes are for daily enthusiasts. the ultimate, our Pro series, is engineered to endure the rigors of competition.

UltraTrac fork

The vital link between rider and trail, the fork translates the rider's skill into the bike's response. Controlling, as it does, tracking and steering, it takes careful implementation of demanding criteria to assure that functionality is never compromised. That is what is embodied in Fuji's new Ultratrac fork technology. The "Sport" design is crafted of Ishiwata cromoly tubing which tapers in wall thickness from 1.3mm to 0.9mm. thus, strength is present where needed, while resiliency and weight savings are also achieved. In the "Pro" model, the thickness varies in 3 increments, 1.2mm, 0.9mm and 0.6mm while dropouts are investment cast for added solidity and responsiveness.



Paraguide Seatlug

All too often taken for granted, the seatlug is critical for accurately securing the rear triangle to the main frame. In Fuji's investment cast Paraguide, it has also been enlisted to act as a directional guide for the rear cantilever and derailleur cables. Special channels lead the rear brake cable directly to the cantilever, unhindered by cable housing or hanger. By the same means, the rear derailleur cable detours the traditional bottom bracket-where dirt and moisture can stop it dead in its tracks. Clean, functional design for optimal performance is the hallmark of Fuji F21 engineering.



73mm Bottom Bracket Shell

As tires get more aggressive, chainstay clearances get more critical and correct crankarm positioning may be compromised. The new 73mm bottom bracket, standard on many of Fuji's '91 ATBs, compensates for this. It provides a wider bearing stance in the crankset axle, minimizing crank flex, while allowing ample tire clearance.



Double Taper Seatstays

Traditionally, seatstays maintain a single diameter from seatlug to rear dropout. Fuji has reexamined this approach and finds it wanting. Thus, our double taper seatstays. To understand this innovation, envision the diameter gradually changing from 16mm at the top, to 19mm at the cantilever brake boss, for less brake flex and more stopping power, to 13mm at the dropout. Meanwhile, wall thickness is consistent throughout. This optimizes the balance between strength and weight.



DuraFlex Saddles

Any less and you'll know it instantly. Fuji's new design, 12 month in the making, optimally balances comfort, durability and weight and wraps it all up beautifully. The material, though lightweight, is tough and scuff resistant. It repels moisture and actually absorbs road shock and vibration, providing unsurpassed comfort. The DuraFlex is truly the ultimate bicycle saddle.



TITANIUM CENTAUR



High Polish Natural Finish



Also available with Deore XT components.

FUJI PROFESSIONAL



Opal



MT. FUJI LTD.



Red Alert



Meteor Blue



SUNDANCE



Blizzard



Blue Silk



SUNCREST



Neon Silk



Stardust Blue



DISCOVERY



Kermit Green



Ruby Red



Fuji's new 15" diamond frame picyured.

TAHOE



Meteor Black



Brittany Blue



THRILL



Candy Red



Jade Blue



Blizzard



SAND BLASTER



Metallic Tomato

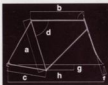


Green Peace



ATB FEATURE COMPARISON CHART

ATB CATEGORY FRAME GEOMETRY :
FUJI PROFESSIONAL,
MT. FUJI LTD, SUNDANCE,
SUNCREST



FRAME SIZE	a	b	c	d	e	f	g	h
15"	15°	20"	16 1/2"	73°	70"	1.8"	1.4"	39.8"
17"	17°	21"	16 1/2"	73.5°	70.5°	1.8"	1.4"	40.5"
19"	19°	22.3"	16 1/2"	73°	71"	1.8"	1.4"	41.1"
20 1/2"	20 1/2°	23"	16 1/2"	73°	71"	1.8"	1.4"	41.6"
22"	22°	23.4"	16 1/2"	72.5°	71.5°	1.8"	1.4"	41.7"

DISCOVERY*, TAHOE, THRILL*, SANDBLASTER

FRAME SIZE	a	b	c	d	e	f	g	h
15"	15°	19"	16 1/4"	74°	69.5°	1.8"	1.2"	39.5"
17"	17°	20.5"	16 1/4"	73°	70"	1.8"	1.2"	40.5"
19"	19°	22"	16 1/4"	73°	70"	1.8"	1.2"	41.2"
20 1/2"	20 1/2°	22.5"	16 1/4"	73°	70"	1.8"	1.2"	41.7"
22"	22°	23"	16 1/4"	72.5°	70.5°	1.8"	1.2"	42"
*24"	24°	24"	16 1/4"	72°	71°	1.8"	1.2"	42.1"

	TITANIUM CENTAUR	TITANIUM DEORE XT	PROFESSIONAL
Sandvik Titanium	★	★	
Ultratrac Pro Fork	★	★	★
Ultratrac Sport Fork			
Paraglide Seatlug			★
Double Taper Seat Stays			★
73mm B.B.	★	★	★
Dual Paint Process			★
Custom Colors			
Campagnolo Components	★		
New Ritchey Components		★	★
Hyperglide Shifting		★	
Rapid Fire Shifting			
Bullet Shifting	★		
Competition Thumb-Shifters		★	★
7-Speed Cassette		★	★
8-Speed Cassette	★		
Low Profile Cantilevers	★	★	★
SLR Brakes System		★	
Ritchey Tires	★	★	★
Ultra-Lite Tubes	★	★	★
Ultra-Lite AL Bars	★	★	★
Sealed Bearings	★	★	★
32-Hole Wheels	★	★	★
Duraflax Saddle			★

MT. FUJI LTD.	SUNDANCE	SUNCREST	DISCOVERY	TAHOE	THRILL	SAND BLASTER	
							<i>Sandvik Titanium</i>
★	★						<i>Ultratrac Pro Fork</i>
		★	★				<i>Ultratrac Sport Fork</i>
★	★	★					<i>Paraglide Seatlug</i>
★	★	★					<i>Double Taper Seat Stays</i>
★	★	★					<i>73mm 8.8.</i>
★	★	★	★	★	★	★	<i>Dual Paint Process</i>
★	★	★	★	★	★		<i>Custom Colors</i>
							<i>Campagnolo Components</i>
★	★	★					<i>New Ritchey Components</i>
★	★	★	★	★	★	★	<i>Hyperglide Shifting</i>
	★	★	★	★	★	★	<i>Rapid Fire Shifting</i>
							<i>Bullet Shifting</i>
★							<i>Competition Thumb-Shifters</i>
★	★	★	★	★	★	★	<i>7-Speed Cassette</i>
							<i>8-Speed Cassette</i>
★	★	★	★	★	★	★	<i>Low Profile Cantilevers</i>
★	★	★	★	★	★	★	<i>SLR Brakes System</i>
★	★	★					<i>Ritchey Tires</i>
★	★	★					<i>Ultra-Lite Tubes</i>
★	★						<i>Ultra-Lite AL Bars</i>
★	★	★	★	★	★	★	<i>Sealed Bearings</i>
★	★	★					<i>32-Hole Wheels</i>
★	★	★	★	★			<i>Duraflax Saddle</i>

F21's Concept

Sports/Fitness

Purpose : Sports Fitness

Riding for the best reasons, to tone your state of health and tickle your state of mind. That's what Sports Fitness is all about. In a word, fun. Which is why designing Fuji's F21 Sports Fitness bikes was such serious business. We made them go where you want to go --- pavement, path or park. To this versatility we added efficiency and reliability. And we kept the "feel" light, zippy and free. To make riding as simple or selective as any rider would like, we offer everything from a 1-speed to a 21-speed. And, to help these bikes achieve it all, Fuji's incorporated the following.

Sports Fitness Geometry

Unique functionality requires unique form. It's engineered into our Sports Fitness frames. They were designed to take whatever is dished out by the surfaces on to which you take them while providing comfort and control. And even in the same style, the geometry was altered for each individual size. How's that for a greater measure of precision?

SCCR FTS Fitness Tires

Tough enough for rough going, light enough for a smooth ride, uniquely shaped for less rolling resistance and more control. Tires that help keep the rider from tiring. That's what SCCR's new FTS tires give you. And why Fuji's



Sports Fitness bikes have them.

Shimano Rapid Fire Shifting

You go through all the gears with just thumb. It's more than just less effort and ease... it means your hands stay put on the handlebar, putting you more in control of handling.

Shimano SLR Braking

Another way Fuji Sports Fitness bikes give you a hand is when it comes to hand fatigue. Special return springs in both the brake levers and cantilevers mean they respond with less effort, perform with more power... the feel is light, yet sure. And you'll surely appreciate that in stop and go riding.



DEL REY



Ruby Red



Stardust Blue



PALISADE



Opal



Blue Slate



MONTEREY



Grape Mist



Jade Blue



CROSS TOWN



Olympic Red



Brittany Blue



SILHOUETTE



Glacier White



Nero



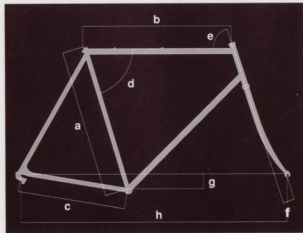
SPORTS / FITNESS COMPARISON CHART

	DEL REY	PALISADE	MONTEREY	CROSS TOWN	SHILHOUETTE
<i>Sports Fitness Geometry</i>	★	★	★	★	★
<i>Ishiwata Si3S Tubing</i>	★				
<i>Fitness Concept Tubing</i>		★	★		
<i>Dual Paint Process</i>	★	★	★	★	★
<i>Custom Colors</i>	★				
<i>SCCR FTS Fitness Tire</i>	★	★	★		
<i>Multi Purpose Tire</i>				★	★
<i>DuraFlex Saddle</i>	★				
<i>Hyperglide Shifting</i>	★	★	★	★	
<i>7-Speed Cassette</i>	★	★	★		
<i>Rapid Fire Shifting</i>	★	★	★		
<i>SLR Brakes System</i>	★	★	★		
<i>Simple Operation</i>				★	★

SPORTS / FITNESS FRAME GEOMETRY

DEL REY, PALISADE, MONTEREY, CROSS TOWN, SILHOUETTE

FRAME SIZE	a	b	c	d	e	f	g	h
17"	17"	20.8"	17"	74°	71°	1.7"	2.7"	39"
19"	19"	21.6"	17"	73°	72°	1.7"	2.7"	39"
21"	21"	22.1"	17"	73°	72°	1.7"	2.7"	40.3"
23"	23"	23"	17"	73°	72°	1.7"	2.7"	41.1"



F21's Concept

Road Competition

Purpose : Road Competition

When every stretch you ride, even when going it alone, becomes an inner challenge to excel, you're a rider who understands 'road competition.' And the bike you aspire to ride is a Fuji. Our winning tradition extends well back before F21 -- yet these '91s are the bikes that will be remembered. Leading the pack is our Titanium Road, the bike 'that couldn't be improved.' Only Fuji proves otherwise, and we'll highlight the features that did it. We'll also pay homage to what will make the whole line first across the finish line.

Sandvik Ti-3Al-2.5V Titanium Tubing

Search out the world's premier source for titanium good enough to hurtle astronauts into space. Set them on a mission more fun than fashioning the Stealth Bomber. The result : a tubing alloy of 94.5% titanium, fused with 3% aluminum and 2.5% vanadium. We thoroughly test the tubing along its



entire length, cold working it and stress relieving it until the tensile strength can withstand 132,000 pounds per square inch. Remarkable.

Precision Titanium Welding and Alignment

In fashioning our frames, we take unique steps. Welds are performed at 3100°F, using a patented technique that completely isolates and destroys any atmospheric contaminants that could weaken the weld. The frame is mounted on a specially prepared engineering table, where each is strenuously inspected and measured for alignment, using state-of-the-art equipment. The final steps are lovingly conducted by the most precision instrument of all, the human hand.

Titanium Registration

As with all works of art, these frames are signed and numbered. Each is documented with production date and data, size and finish recorded. The production technician signs it. And then we file it for posterity. Not for evidence, but because we're proud.

Ishiwata Si35 Tubing

The cromoly that's long played a role in

Fuji legend. Triple butted with three wall thickness variations throughout the tube to optimize strength-to-weight ratios. It's stiff where it should be, resilient where it must be, performing like no other tubing, Ti-3Al-2.5V Titanium excepted.

Frame Geometry

For '91, we've extended our top tubes. Before you pull out your old protractor, here's what that gets you : a shallower seat tube with slightly steeper headtube. That equates to a shorter front center dimension. And that equates to high-speed stability and responsiveness. The new seat tube angle also improves the rider's position for climbing and spinning. While that's perfection, well, we didn't leave well enough alone. Every available size has been modified accordingly, not merely proportionally. Each carries its own complete dimensions, including fork rake. That assures you of that remarkable Fuji ride, regardless of size.



TITANIUM RECORD



High Polish Natural Finish



Also available with "Dura Ace" components.

TEAM FUJI

Milano Red



ROUBAIX



French Blue



CLUB FUJI



Blizzard



SARATOGA



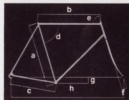
Rainbow Blue



ROAD COMPETITION FEATURE COMPARISON CHART

ROAD CATEGORY FRAME GEOMETRY : TEAM FUJI, ROUBAIX, FUJI CLUB

FRAME SIZE	a	b	c	d	e	f	g	h
49	490	513	410	74°	72°	50	67	973
52	520	540	410	74°	72°	50	67	994
54	540	550	410	73°	73.5°	45	67	977
56	560	560	410	73°	73.5°	45	67	987
58	580	570	410	73°	73.5°	45	67	997
61	610	580	410	72.5°	74°	45	67	996
64cm	640	595	410	72.5°	74°	45	67	1010mm



FRAME SIZING CONVERSION CHART

17"	18"	19"	20"	21"	22"	23"	24"	25"	26"	27"
44cm	46cm	48cm	50cm	52cm	54cm	56cm	58cm	60cm	62cm	64cm
46cm	48cm	50cm	52cm	54cm	56cm	58cm	60cm	62cm	64cm	66cm
48cm	50cm	52cm	54cm	56cm	58cm	60cm	62cm	64cm	66cm	68cm

	TITANIUM RECORD	TITANIUM DURA ACE	TEAM FUJI	ROUBAIX	CLUB FUJI
<i>Sandvik Titanium</i>	★	★			
<i>Ishiwata SI35 Tubing</i>			★	★	★
<i>Investment Cast Lugs</i>			★	★	★
<i>Forged Dropouts</i>			★	★	★
<i>Double Butted Fork Blades</i>			★	★	★
<i>Dual Paint Process</i>			★	★	★
<i>Campagnolo Components</i>	★				
<i>Hyperglide Shifting</i>		★	★	★	★
<i>Super SLR Brakes</i>		★	★	★	★
<i>Clipless Pedals</i>	★	★	★	★	
<i>DuraFlex Saddle</i>				★	★
<i>Panaracer Performance Tires</i>			★	★	★
<i>Anatomical Handlebars</i>			★	★	★
<i>Proportional Fitted Components</i>	★	★	★	★	★

Series		ATB PRO			
Model Name		TITANIUM CENTAUR	TITANIUM XT	FUJI PROFESSIONAL	MT. FUJI LTD.
Sizes		15", 17", 19", 20.5", 22"	15", 17", 19", 20.5", 22"	15", 17", 19", 20.5", 22"	15", 17", 19", 20.5", 22"
Frame set	Frame	100% Ti 3AL 2.5V cold worked Stress relieved Sandvik Titanium tubing Dropouts constructed of Ti 6AL 4V solution treated and aged Sandvik Titanium, 1" headtube, 73mm bottom bracket shell	100% Ti 3AL 2.5V cold worked Stress relieved Sandvik Titanium tubing Dropouts constructed of Ti 6AL 4V solution treated and aged Sandvik Titanium, 1" headtube, 73mm bottom bracket shell	Tange Prestige double butted main tubes, Prestige double taper seat stays, prestige chain stays and head tube, vertical forged dropouts, investment cast Paraglide seat lug, ovalized seat tube, 1" headtube 73mm bottom bracket shell	Tange double butted MTB chrome-moly main tubes, chrome-moly double taper seat stays, Chrome-moly chain stays and head tube, vertical forged dropouts investment cast Paraglide seat lug, ovalized seat tube, 1" headtube 73mm bottom bracket shell
	Front Fork	Chrome-moly "UltraTrac PRO" triple taper blades, investment cast dropouts	Chrome-moly "UltraTrac PRO" triple taper blades, investment cast dropouts	Chrome-moly "UltraTrac PRO" triple taper blades, investment cast dropouts	Chrome-moly "UltraTrac PRO" triple taper blades, investment cast dropouts
	Braze-Ons	Slotted cable guides Double water bottle bosses	Slotted cable guides Double water bottle bosses	Slotted cable guides Double water bottle bosses	Slotted cable guides Double water bottle bosses
	Headset	Campagnolo Euclid aluminum Sealed with Dia-Compe headset cable hanger	Ritchey Logic Pro sealed with Dia-Compe headset hanger	Ritchey Logic. Sealed with Dia-Compe headset cable hanger	Ritchey Logic. Sealed with Dia-Compe headset cable hanger
	Seatpin	Allen key, chrome-moly	Allen key, chrome-moly	Suntour XC Pro Quick Release	Chrome-moly Quick Release
	Shifters	Campagnolo "Bullet" 8-speed	Shimano Deore XT thumb shifters 7-speed, Hyperglide	Suntour XC 7-speed multi mount	Shimano Deore XT. 7-speed Thumb shifters Hyperglide
	Derailleur	Campagnolo Centaur, graphite finish	Shimano Deore XT Hyperglide/Superglide	Suntour XC Pro. Accushift Plus	Shimano Deore XT Hyperglide/Superglide
Drivetrain	Crankset	Campagnolo Centaur, 24/36/46, graphite finish	Shimano Deore XT 24/36/46. Round Superglide chainrings	Suntour XC Pro. 24/36/46 round chainrings	Shimano Deore XT. 24/36/46 round Superglide chainrings
	Bottom Bracket	Campagnolo Centaur, sealed	Shimano Deore XT. 73mm. sealed	Tange sealed. 73mm	Shimano Deore XT. 73mm. Sealed
	Pedal	Campagnolo Euclid "Super Light", sealed with crips and straps	Shimano Deore XT clipless. sealed	SR Lowlat Pro sealed with clips and straps	SR Lowlat Ltd. sealed with clips and straps
	Chain	Campagnolo/Rohloff 8-speed	Shimano Deore XT Hyperglide/Superglide	Suntour XC Pro	Shimano Deore XT Hyperglide/Superglide
	Freewheel	Campagnolo cassette 12/28, 8-speed cassette	Shimano Deore XT. 12/26 7-speed Hyperglide cassette	Suntour cassette 12/28 7-speed.	Shimano Deore XT. 12/28 7-speed. Hyperglide cassette
	Hubs	Campagnolo Centaur 8-speed cassette, 28H front/32H rear, Quick Release, sealed	Shimano Deore XT 7-speed cassette 28H front/32H rear, Quick Release, sealed	Suntour XC comp cassette. 7-speed, 32H. Quick Release, sealed	Shimano Deore XT 7-speed cassette 32H. Quick Release, sealed
	Rim	Campagnolo Contax, oxide finish, 28H/32H	Vantage comp hard duranomic finish, 28H/32H	Ritchey Vantage comp, 32H. Black anodized	Ritchey Vantage comp, 32H. Black anodized
Wheels	Tire/Tube	Ritchey Megabite Hardrive "K", 26x2.1" ultralight presta valve tube	Ritchey Megabite Hardrive "K", 26x2.1" ultralight presta valve tube	Ritchey Megabite Hardrive "K", 26x2.1" ultralight presta valve tube	Ritchey Megabite Hardrive, 26x2.1" ultralight presta valve tube
	Spoke	15g Stainless	15g Stainless	14g stainless	14g stainless
	Brake Set	Campagnolo Centaur Compact, graphite finish, two-finger lever	Ritchey Logic cantilever brakeset, black	Ritchey Logic cantilever brakeset, black	Shimano Deore XT super low profile W/2-finger lever, SLR
	Handlebar	Ritchey Pro-Light	Ritchey Pro-Light	H.L. ultralight aluminum	H.L. ultralight aluminum
	Stem	Ritchey Force Compe	Ritchey Force Compe	Ritchey Force Compe	Ritchey Force Directional
	Grip/Tape	Ritchey True Grip	Ritchey True Grip	Ritchey True Grip	Ritchey True Grip
	Saddle	Ritchey Lightweight Racing	Ritchey Lightweight Racing	Fuji "DuraFlex" Racing	Ritchey "DuraFlex" Racing
Other Components	Seat Post	Campagnolo Euclid chrome-moly, Black, 330mm	Ritchey Force directional. 330mm	Ritchey Force directional. 330mm	SR "Tail Cool One" sport Black Alloy 330mm
	Colors	High polish natural finish	High polish natural finish	Opal	Red Alert, Meteor Blue
Approximate Weight	Approximate Weight	N/A	N/A	N/A	N/A

ATB EXPERT

ATB SPORT

Series

SUNDANCE	SUNCREST	DISCOVERY	TAHOE	THRILL	SAND BLASTER	Model Name
15", 17", 19", 20.5", 22"	15", 17", 19", 20.5", 22"	15", 17", 19", 20.5", 22", 24"	15", 17", 19", 20.5", 22"	17", 19", 20.5", 22", 24", 17", 19", 21"	17, 19, 20.5, 22, 17L, 19L, 24" Boys&Girls	Sizes
Tange double butted MTB chrome-moly main tubes, chrome-moly double taper seat stays. Chrome-moly chain stay and head tube, vertical forged dropouts. Investment cast ParaGuide seat lug, ovalized seat tube. 1" headtube. 73mm bottom bracket shell.	Tange Infinity double butted MTB main tubes, chrome-moly double taper seat stays. Chrome-moly chain stay and head tube, vertical forged dropouts. Investment cast ParaGuide seat lug, ovalized seat tube. 1" headtube. 73mm bottom bracket shell.	Tange Infinity MTB main tubes Fuji special tapered 13A rear stays, vertical forged dropouts Ovalized seat tube	Tange Infinity MTB main tubes Fuji special tapered 13A rear stays, vertical forged dropouts Ovalized seat tube	Fuji 4130 chrome-moly main tubes Fuji special tapered 13A rear stays, ovalized seat tube	Fuji 4130 chrome-moly main tubes Fuji special tapered 13A rear stays, ovalized seat tube	Frame
Chrome-moly "UltraTrac PRO" triple taper blades, investment cast dropouts Slotted cable guides Double water bottle bosses	Chrome-moly "UltraTrac Sport" double taper blades. Forged dropouts Slotted cable guides Double water bottle bosses	Chrome-moly "UltraTrac Sport" double taper blades. Forged dropouts Slotted cable guides Double water bottle bosses	Fuji ATB chrome-moly. Unicrown	Fuji ATB chrome-moly. Unicrown	Fuji ATB High Tension. Unicrown	Front Fork
Ritchey Logic. Sealed with Fuji alloy headset cable hanger	Ritchey Logic. Sealed with Fuji alloy headset cable hanger	Steel. Black. Sealed with Fuji alloy headset cable hanger	Steel. chrome plated with Fuji alloy headset cable hanger	Steel. Black	Steel. Black	Braze-Ons
Chrome-moly Quick Release Shimano Deore DX "Rapid Fire" STI 7-speed Shimano Deore DX Hyperglide/Superglide Shimano Deore DX 24/36/46 round Superglide chainrings Shimano Deore DX 73mm. Sealed SR Lowlat. sealed with clips and straps	Chrome-moly Quick Release Shimano ST-M050S "Rapid Fire" STI 7-speed Shimano 500LX Hyperglide/Superglide Shimano 500LX 24/36/46 round Superglide chainrings Shimano Deore DX 73mm. Sealed MKS XC1, sealed with clips and straps	Chrome-moly Quick Release Shimano ST-M050S "Rapid Fire" STI 7-speed Shimano 400LX Hyperglide/Superglide Shimano 400LX 28/38/48 Superglide chainrings Pin type. Steel. Sealed MKS XC1, sealed with clips and straps	Chrome-moly Quick Release Shimano ST-M050S "Rapid Fire" STI 7-speed Shimano 300LX Hyperglide/Superglide Shimano 300LX 28/38/48 Superglide chainrings Steel. Sealed Lightweight nylon ATB	Chrome-moly Quick Release Shimano ST-M050S "Rapid Fire" STI 7-speed Shimano 200GS Hyperglide/Superglide Shimano 200GS. Forged alloy 28/38/48 Superglide chainrings Steel. Chrome plated Lightweight nylon ATB	Chrome-moly Quick Release Shimano 100GS. "Rapid Fire" STI 7-speed Shimano 100GS Hyperglide/Superglide Shimano 100GS 28/38/48 Superglide chainrings Steel. Chrome plated Lightweight nylon ATB	Seatpin Shifters
Shimano Deore CX Hyperglide/Superglide Shimano Deore CX 12/28 7-speed. Hyperglide cassette Shimano Deore DX 7-speed cassette 32H. Quick Release, sealed	Shimano Deore CX Hyperglide/Superglide Shimano CS-HG50 12/28 7-speed. Hyperglide cassette Shimano 500LX 7-speed cassette 32H. Quick Release, sealed	Shimano Deore CX Hyperglide/Superglide Shimano CS-HG50 12/28 7-speed. Hyperglide cassette Shimano 400LX 7-speed cassette 36H. Quick Release, sealed	Shimano Deore CX Hyperglide/Superglide Shimano CS-HG50 12/28 7-speed. Hyperglide cassette Shimano 300LX 7-speed cassette 36H. Quick Release, sealed	Shimano Deore CX Hyperglide/Superglide Shimano CS-HG50 13/28 7-speed. Hyperglide cassette Shimano 200GS 7-speed cassette 36H. QR/front, bolt-on/rear sealed	Shimano Deore CX Hyperglide/Superglide Shimano CS-HG50 13/28 7-speed. Hyperglide cassette Shimano 100GS 7-speed cassette 36H. QR/front, bolt-on/rear sealed	Derailleur
Ritchey Vantage comp. 32H. Black anodized Ritchey Megabite Hardrive, 26x2.1" ultralight presta tubes 14g stainless Shimano Deore DX, super low profile W/2-finger lever, SLR H.L. ultralight aluminum Ritchey Force Directional Ritchey True Grip Fuji "DuraFlex" Racing SR "Tall Cool One" sport Black 300mm	Ritchey Vantage Sport, 32H. Black anodized Ritchey Megabite Hardrive 26x2.1" with ultralight presta valve tube 14g stainless Shimano low profile, BR-M050. 3-finger lever, SLR H.L. aluminum Ritchey Force Directional Fuji Kraton rubber Fuji "DuraFlex" Racing SR "Tall Cool One" sport Black 300mm	Weinmann #2121, 36H Black alloy anodized SCCR MTX Comp. Skin wall. 26x1.95. schrader valve tube 14g UCP Shimano low profile, BR-M201. 3-finger lever, SLR H.L. Competition bulge tapered. Black H.L. Competition tig welded Fuji Kraton rubber Fuji "DuraFlex" Sport SR "Tall Cool One" sport Black 300mm	Weinmann #2121, 36H, alloy SCCR MTX Comp. Skin wall. 26x1.95. with schrader valve tube 14g UCP Shimano low profile, BR-M201. 3-finger lever, SLR H.L. Competition bulge tapered. Black H.L. Competition tig welded Fuji cushion sport grip Fuji "DuraFlex" Sport Light alloy. 300mm	Weinmann #2121, 36H, alloy SCCR MCX. Skin wall. 26x1.95. with schrader valve tube 14g UCP Shimano low profile, BR-M201. 3-finger lever, SLR H.L. Competition bulge tapered. Black H.L. Competition tig welded Fuji cushion sport grip Fuji ATB Sport Steel, Black. 250mm	Weinmann #2121, 36H, alloy SCCR TCX. Gum wall. 26x1.5. with schrader valve 14g UCP Shimano low profile, BR-M100. 3-finger lever, SLR H.L. Steel. Black. 30mm rise H.L. Competition tig welded Fuji cushion sport grip Fuji ATB Sport Steel, Black. 250mm	Bottom Bracket Pedal
Blizzard, Blue Lighting	Neon Silk, Standout Blue	Kermit Green, Ruby Red	Meteor Black, Brittany Blue	Candy Red, Jade Blue, Blizzard Ladies: Jade Blue, Blizzard	Metallic Tomatoe, Nero, Green Peace Ladies: Metallic Tomatoe, Green Peace 24" Boys & Girls : Metallic Tomatoe	Chain
N/A	N/A	N/A	N/A	N/A		Freewheel
						Hubs
						Rim
						Tire/Tube
						Spoke
						Brake Set
						Handlebar
						Stem
						Grip/Tape
						Saddle
						Seat Post
						Colors
						Approximate Weight

Series	SPORTS FITNESS					TOURING
Model Name	DEL REY	PALISADE	MONTEREY	CROSS TOWN	SILHOUETTE	SARATOGA
Sizes	17", 19", 21", 23"	17", 19", 21", 23", 17"L, 19"L	17", 19", 21", 23", 17"L, 19"L	17", 19", 21", 23", 17"L, 19"L	17", 19", 21", 23", 17"L, 19"L	19", 21", 23", 25"
Frame	Ishiwata seamless chrome-moly Triple butted and channeled main tube, Fuji special taper rear stays, forged dropouts	Fuji 4130 chrome-moly main tubes Fuji special taper stays	Fuji 4130 chrome-moly main tubes Fuji special taper stays,	Fuji special design high tension Fitness frame	Fuji special design high tension Fitness frame	Ishiwata seamless, Chrome-moly Triple butted and channeled main tubes, Fuji special design rear stays, investment cast lugs, forged dropouts
Front Fork	Fuji chrome-moly unicrown Fitness fork, forged dropouts	Fuji Fitness. High tension, Unicrown	Fuji Fitness. High tension, Unicrown	Fuji Fitness. High tension, Unicrown	Fuji Fitness. High tension, Unicrown	Fuji chrome-moly touring unicrown fork with forged dropouts
Braze-Ons	Slotted cable guides Double water bottle bosses, pump peg and chain hook	Slotted cable guides Double water bottle bosses	Slotted cable guides Water bottle boss	Cable guides. Water bottle boss	Cable guides. Water bottle bosses	Cabel guides. Shifter bosses. Double water bottle bosses, pump peg and chain hook, spare spoke holder
Headset	Chrome plated with Fuji alloy headset cable hanger	Steel. Black	Steel. Black	Steel. Black	Steel	YST sealed
Seatpin	Chrome-moly Quick Release	Chrome-moly Quick Release	Chrome-moly Quick Release	Chrome-moly Quick Release	Chrome-moly Quick Release	Ally key, Chrome-moly
Shifters	Shimano ST-M050S "Rapid Fire" STI 7-speed	Shimano ST-M020S "Rapid Fire" STI 7-speed	Shimano 100GS "Rapid Fire" STI 7-speed	Shimano, 6-speed		Shimano bar end shifter. 7-speed
Derailleur	Shimano 300LX Hyperglide/Superglide	Shimano 200GS Hyperglide/Superglide	Shimano 100GS Hyperglide/Superglide	Shimano 552SS, Hyperglide		Shimano Deore LX, Hyperglide/Superglide
Crankset	Shimano 300LX 28/38/48 Superglide chainrings	Shimano 200GS. Forged alloy. 28/38/48 Superglide chainrings	Shimano 100GS. 28/38/48 Superglide chainrings	Sakae FT. White. Forged alloy. 46T with chain guard	Sakae FT. White. Forged alloy. with chain guard	Shimano Deore LX 28/38/48 round Superglide chainrings
Bottom Bracket	Steel. Sealed	Steel chrome plated	Shimano. Sealed	Steel	Steel	Shimano Deore LX. Sealed
Pedal	Lightweight nylon Fitness	Lightweight nylon Fitness	Lightweight nylon Fitness	Lightweight nylon/rubber Fitness	Lightweight rubber platform pedal	SR Touring with clips and straps
Chain	Shimano CN-HG50	Shimano CN-UG50	Shimano CN-UG50	Shimano CN-UG50	KMC 1/2x1/8"	Shimano Deore Hyperglide/Superglide
Freewheel	Shimano CS-HG50. 12/28 7-speed. Hyperglide cassette	Shimano CN-HG50. 13/28 7-speed Hyperglide cassette	Shimano CS-HG50. 13/28 7-speed Hyperglide cassette	Shimano MF-HG20. 14/28 6-speed Hyperglide freewheel		Shimano Deore. 13/30. 7-speed Hyperglide cassette
Hubs	Shimano 300LX 7-speed cassette 32H. Quick Release, sealed	Shimano 200GS 7-speed cassette 36H. QR/front, bolt-on/rear, sealed	Shimano 100GS 7-speed cassette 36H. QR/front, bolt-on/rear, sealed	Joy YU, QR/front, bolt-on/rear	Shimano Coaster brake rear Joy YU steel Quick Release front	Shimano Deore LX 7-speed cassette 36H. Quick Release, sealed
Rim	Weinmann #2115. 36H. alloy	Weinmann #2115. 36H. alloy	Araya SP-20. 36H. alloy	Araya SP-20. 36H. alloy	Araya SP-20. 36H. alloy	Weinmann #2115. 36H. alloy
Tire/Tube	SCCR FTS. 700x35C with schrader valve tube	SCCR FTS. 700x35C with schrader valve tube	SCCR FTS. 700x35C with schrader valve tube	SCCR Multi-Purpose. 700x40C with schrader valve tube	SCCR Multi-Purpose. 700x40C with schrader valve tube	Panaracer Touring. 700x28C with presta valve tube
Spoke	14g UCP	14g UCP	14g UCP	14g UCP	14g UCP	14g stainless
Brake Set	Shimano 300LX. 3-finger lever, SLR	Shimano 200GS. 3-finger lever, SLR	Shimano low profile. 100GS 3-finger lever, SLR	DIA Compe with alloy caliper	Shimano Coaster Brake	Shimano Deore LX with 600EX lever
Handlebar	H.L. Sport bulge tapered. Black	H.L. Steel. Black. 30mm rise	H.L. Steel. Black. 30mm rise	H.L. Steel. Black. 30mm rise	H.L. Fitness. One piece handlebar and stem	SR. Modolo Patent. Anatomical handlebar
Stem	H.L. Tig welded	H.L. Sport bulge tapered. Black	H.L. Tig welded	H.L. Tig welded	SEE handlebar	SR alloy
Grip/Tape	Fuji Kraton rubber	Fuji Cushion sport grip	Fuji sport grip	Fuji cushion sport grip	Fuji Fitness grip. Kraton rubber	Pelton padded
Saddle	Fuji "DuraFlex" sport	Fuji Sport	Fuji Sport	Fuji Sport	Fuji Sport	Fuji "Softex" Plus
Seat Post	SR "Tall Cool One" sport Black. 300mm	Steel, Black. 250mm	Steel, Black. 250mm	Steel, Black. 250mm	Steel, Black. 250mm	SR Micro Adjust. alloy
Colors	Ruby Red, Stardust Blue	Opal, Blue Slate	Grape Mist, Jade Blue	Olympic Red, Brittany Blue	Glacier White, Nero Ladies : Glacier White only	Rainbow Blue
Approximate Weight	N/A	N/A	N/A	N/A	N/A	N/A

ROAD COMPETITION

					Series
TITANIUM RECORD	TITANIUM DURA ACE	TEAM FUJI	ROUBAIX	CLUB FUJI	Model Name
49, 52, 54, 56, 58, 58, 61, 64cm 100% Ti 3AL 2.5V cold worked Stress relieved Sandvik Titanium tubing Dropouts constructed of Ti 6AL 4V solution treated and aged Sandvik Titanium tubing	49, 52, 54, 56, 58, 61, 64cm 100% Ti 3AL 2.5V cold worked Stress relieved Sandvik Titanium tubing Dropouts constructed of Ti 6AL 4V solution treated and aged Sandvik Titanium tubing	49, 52, 54, 56, 58, 61, 64cm Ishiwata seamless chrome-moly. Triple butted and channelled main tube, chrome-moly rear stays. Investment cast lugs and bottom bracket shell. Forged dropouts	49, 52, 54, 56, 58, 61, 64cm Ishiwata seamless chrome-moly. Triple butted and channelled main tube, chrome-moly rear stays. Investment cast lugs, forged dropouts	49, 52, 54, 56, 58, 61, 64cm Ishiwata seamless chrome-moly. Triple butted and channelled main tube, chrome-moly rear stays. Investment cast lugs, forged dropouts	Sizes Frame
SR Litage aluminum fork	SR Litage aluminum fork	Chrome-moly unicrown style with double taper blades, investment cast crown Forged dropouts	Chrome-moly unicrown style with double taper blades, investment cast crown Forged dropouts	Chrome-moly unicrown style with double taper blades, forged dropouts	Front Fork
Cable guides. Shifter bosses. Double water bottle bosses pump peg and chain hook	Cable guides. Shifter bosses. Double water bottle bosses pump peg and chain hook	Cable guides. Shifter bosses. Double water bottle bosses pump peg and chain hook	Cable guides. Shifter bosses. Double water bottle bosses pump peg and chain hook	Cable guides. Shifter bosses. Double water bottle bosses pump peg and chain hook	Braze-Ons
Campagnolo Record, century finish	Shimano Dura Ace	Shimano Ultegra, sealed	Shimano 105SC, sealed	Shimano RX-100, sealed	Headset
Allen key, chrome-moly	Allen key, chrome-moly	Allen key, chrome-moly	Allen key, chrome-moly	Allen key, chrome-moly	Seatpin
Campagnolo Record Syncro. 8-speed	Shimano Dura Ace STI 8-speed combination brake and shifter	Shimano Ultegra. 7-speed	Shimano 105SC. 7-speed	Shimano RX-100. 7-speed	Shifters
Campagnolo Record Syncro	Shimano Dura Ace. Hyperglide/Superglide	Shimano Ultegra. Hyperglide/Superglide	Shimano 105SC. Hyperglide/Superglide	Shimano RX-100. Hyperglide/Superglide	Derailleur
Campagnolo Record 39/53 century finish	Shimano Dura Ace. 42/53. Superglide round chainrings	Shimano Ultegra. 42/53. Superglide round chainrings	Shimano 105SC. 42/53. Superglide round chainrings	Shimano RX-100. 42/53. Superglide round chainrings	Crankset
Campagnolo Record	Shimano Dura Ace	Shimano Ultegra, sealed	Shimano 105SC, sealed	Shimano RX-100, sealed	Bottom Bracket
Look PP96 Carbo Pro	Shimano Dura Ace clipless	Shimano Ultegra clipless	Shimano 105SC clipless	Shimano RX-100 with clips and straps	Pedal
Campagnolo/Rohloff 8-speed Stainless	Shimano Dura Ace. Hyperglide/Superglide	Shimano CN-HG90. Hyperglide	Shimano CN-HG70. Hyperglide	Shimano CN-HG50. Hyperglide/Superglide	Chain
Campagnolo 8-speed cassette 12/19	Shimano Dura Ace. 12/21 8-speed Hyperglide cassette	Shimano Ultegra. 12/21 7-speed Hyperglide cassette	Shimano 105SC. 12/21 7-speed Hyperglide cassette	Shimano RX-100. 13/23 7-speed Hyperglide cassette	Freewheel
Campagnolo Record 8-speed cassette 32H. Quick Release, century finish	Shimano Dura Ace 8-speed cassette 32H. Quick Release	Shimano Ultegra 7-speed cassette 32H. Quick Release, sealed	Shimano 105SC 7-speed cassette 32H. Quick Release, sealed	Shimano RX-100 7-speed cassette 32H. Quick Release, sealed	Hubs
Campagnolo Omega XL Strada Hardox 32H. Tubular	Mavic GL-330, 32H. Tubular	Araya CT-19, 32H. Black anodized	Araya CT-19, 32H. Black anodized	Araya CT-19, 32H. Silver	Rim
Vittoria Corsa CX. Tubular	Vittoria Corsa CX. Tubular	Panaracer "Tec Nova" 700x25C Skin wall, presta valve tube	Panaracer "Tec Nova" 700x25C Skin wall, presta valve tube	Panaracer "Tec Nova" 700x25C Skin wall, presta valve tube	Tire/Tube
15g Stainless	15g Stainless	14g Stainless	14g Stainless	14g Stainless	Spoke
Campagnolo Record Delta Century finish	Shimano Dura Ace Super SLR	Shimano Ultegra. Super SLR	Shimano 105SC. Super SLR	Shimano RX-100. Super SLR	Brake Set
Cinelli Mod 66	Cinelli Mod 66	SR, Modolo Patent, Anatomical handlebar	SR, Modolo Patent, Anatomical handlebar	SR, Modolo Patent, Anatomical handlebar	Handlebar
Cinelli XX	Cinelli XX	SR alloy	SR alloy	SR alloy	Stem
Ambrosia Bike Ribbon	Ambrosia Bike Ribbon	Pelton padded	Pelton padded	Pelton padded	Grip/Tape
Selle Italia Turbo	Selle Italia Turbo	Avocet Racing 1 leather	Fuji "DuraFlex" Racing	Fuji "DuraFlex" Racing	Saddle
Campagnolo Record, 27.2mm	Shimano Dura Ace Aero, 27.2mm	SR Micro adjust. Alloy	SR Micro adjust. Alloy	SR Micro adjust. Alloy	Seat Post
High polish natural finish	High polish natural finish	Milano Red	French Blue	Blizzard	Colors
N/A	N/A	N/A	N/A	N/A	Approximate Weight