

1989

MILITATA



AS A CYCLIST, YOU'RE IN A RACE. EVEN IF YOU'RE A MILD-MANNERED RECREATIONAL CYCLIST, YOU'RE IN IT. THE RACE IS FOR NEW TECHNOLOGY.

A HUNDRED YEARS AGO, BICYCLES WERE MADE OF WOOD. RIDICULOUS? NOT WHEN YOU THINK OF OTHER THINGS, ORIGINALLY MADE OF WOOD, THAT TODAY WE REGARD ONLY IN TERMS OF MODERN MATERIALS: TENNIS RACQUETS, GOLF CLUBS, CANOES, CAR CHASSIS, EVEN FALSE TEETH. FIRST, STEEL REPLACED WOOD, AND NOW STEEL IS BEING CHALLENGED BY ALUMINUM, PLASTICS, CARBON AND BORON FIBERS, TITANIUM...AND MORE WILL COME.

BUT AS TECHNOLOGY PRODUCES NEW MATERIALS AND NEW USES, CYCLISTS IN PARTICULAR WILL BE WELL ADVISED TO VIEW THEM WITH SUSPICION. MANY MANUFACTURERS ARE SIMPLY EXPLOITING TECHNOLOGY. THEY HAVE QUICKLY TRADED ON THE INHERENT QUALITIES OF NEW MATERIALS WITHOUT REGARD FOR THEIR SPECIFIC APPLICATION TO BICYCLES. AND THEY'VE MADE MANY PRODUCTS THAT HAVE FAILED IN ACTUAL USE.

HISTORY TEACHES US THAT THE REALLY WORTHWHILE CHANGES IN BICYCLE DESIGN ARE EVOLUTIONARY—NOT REVOLUTIONARY. TO UNDERSTAND THE EXACT PROPERTIES OF NEW MATERIALS AND HOW THEY BEHAVE UNDER ALL CONDITIONS TAKES TIME AND TESTING.

WE HAVE BEEN TAKING THE TIME. WE ARE TESTING NEW MATERIALS. AND RETESTING. OFTEN TO THE FRUSTRATION OF OUR SALESPEOPLE. BUT WE WON'T BE RUSHED. WE CAN'T. WE HAVE A CORPORATE PHILOSOPHY THAT SIMPLY DOES NOT PERMIT FAILURE. WE BEGIN EVERY WORKDAY WITH A 100-YEAR-OLD MANDATE TO BUILD THE VERY BEST BICYCLES WE CAN. WE TAKE IT SERIOUSLY. AND BY DOING SO, WE HAVE BUILT A TRUST WITH CUSTOMERS WE SIMPLY WILL NOT PUT AT RISK.

ONLY WHEN WE ARE ABSOLUTELY CERTAIN THAT NEW TECHNOLOGY AND NEW MATERIALS CAN IMPROVE THE VALUE, PERFORMANCE AND RELIABILITY OF OUR BICYCLES WILL WE USE THEM. AND THEN WE'LL BACK THAT DECISION WITH OUR LIFETIME GUARANTEE.

WHERE THE BICYCLES IN THIS CATALOG ARE MADE, THERE IS ONLY ONE WORD FOR QUALITY: *MIYATA*.

CONTENTS:	
TECHNICALS	2-4
CARBON FIBER	5-7
RACING/FITNESS	8-15
TOURING	16-17
CYCLOCROSS	18-19
ALL TERRAIN	20-27
TIRES	29
CLOTHING	30-31
FRAME SETS	32-33
WHEELS	33
SPECIFICATIONS	34-36
GEOMETRY	37
GEAR TABLES	37
TOP-TUBE HEIGHTS	37
WARRANTY	38



OUR MANDATE TO BUILD THE VERY BEST BICYCLES WE CAN DATES FROM 1890.

## STB: THE WORLD'S FINEST CHROMOLY BICYCLES.

The ongoing process of building the world's most reliable production bicycles led Miyata to the development of STB tubing.

As our research on frame stress revealed a clearer picture of how vibration and shock can tear frames apart, we learned how to better keep them together. We knew that making the tubes thicker at maximum stress points would create a stronger, more reliable bicycle—also a heavier one. But our picture showed us where frames receive very little stress as well. We found we could save the added weight of reinforcement by reducing tube thicknesses at low stress points. We were “double butting” our frames—making the tubes thicker on the ends where they butt together, thin in the middle where there was very little stress.

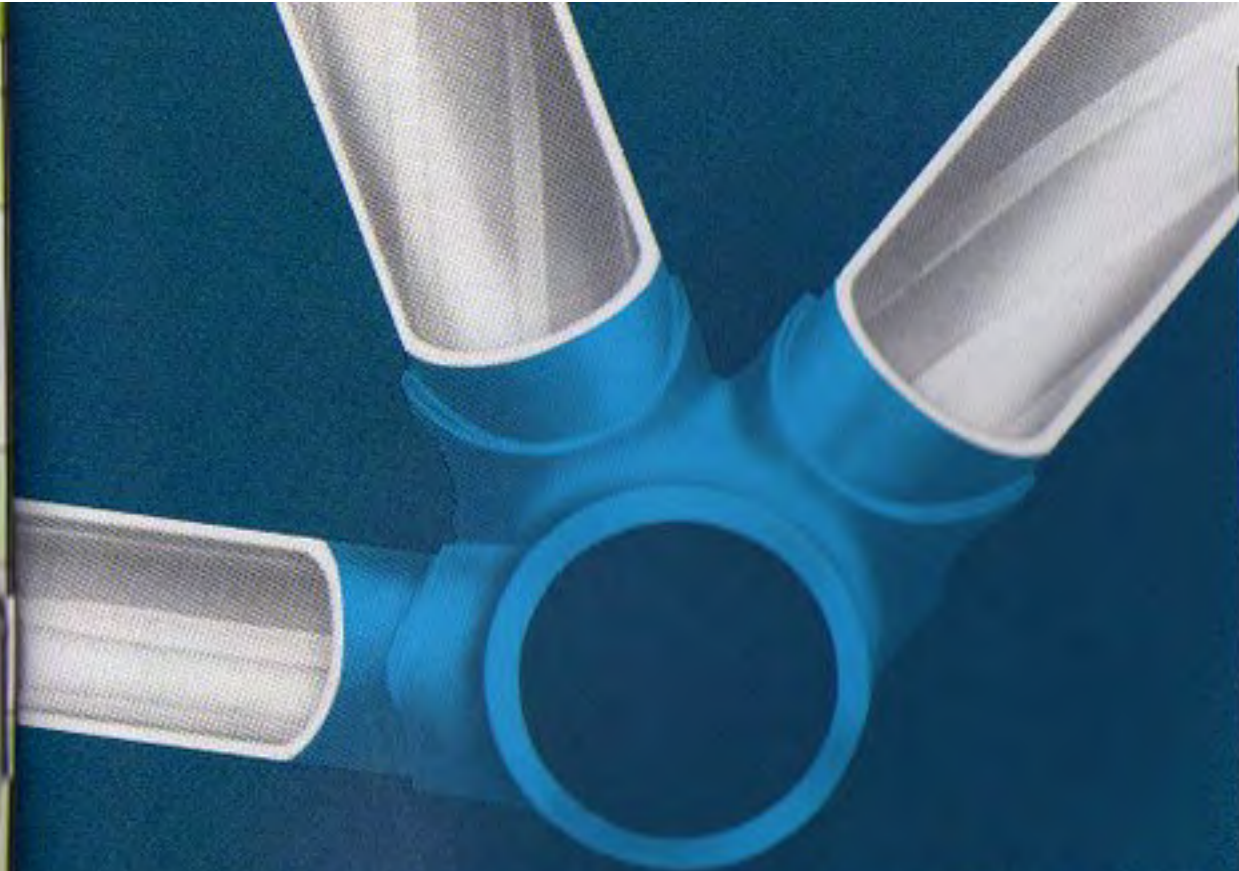
But the ends don't receive equal stress, so why should they be the same thickness? They shouldn't. The solution is “triple butting.” Three thicknesses: a different thickness at each end, one thinner in the middle. Each of the three main tubes in the frame, depending on its precise stress load, could be butted in different relationships.

Tube manufacturers couldn't (or at that time wouldn't) provide that kind of accuracy, so in 1981 we built our own tubing mill. We were, and are, the only manufacturer to draw our own tubes. And, as a result, the first to triple-butt our frames.

Alas, our mandate to build the world's most reliable production bicycles wouldn't permit us to rest on our laurels for very long.

Additional research revealed that the most destructive form of stress to the frame was not vibration or vertical loading (hitting a bump) but torsion stress. Stress created when a 175 lb. cyclist gets off the saddle and hammers for the line—or when a recreational rider wants to get across a busy highway quickly. The twisting, side-to-side motion of hard pedaling can tear a frame apart.

Our answer was to minimize the tube's ability to twist by adding ridges of steel run-



STB CREATES THE STRONGEST BOTTOM-BRACKET SHELL WE'VE TESTED.

load—e.g., twist the ridges around the interior wall of the tube. The ridge of steel is called a spline, and it was so effective in resisting torsion stress, that the tube's thickness could be reduced even more. Allowing us to take additional weight out of the frame. Splined, triple-butted tubing—STB—is light, stiff, strong and matched exactly to the dynamics of the frame. And it's a Miyata exclusive.

But there's more to creating a superior chromoly bicycle than making superior tubing. There's assembly to consider. And proper assembly requires special controls to insure that the frame's strength is not compromised.

First, our tubes are carefully mitered to maintain accurate frame geometry. Then we join the tubes with investment-cast lugs. Long, precisely tapered points on the lugs are more than show, they actually transfer stress from the joint to the reinforced part of the tube. And the lug's accuracy ( $\pm .03\text{mm}$ ) eliminates the possibility that gaps will form in the joints during brazing.

Brazing temperatures are the most critical control to maintaining frame integrity. So critical in fact, we entrust this step only to computers. They're never distracted by fellow workers or by problems at home. At Miyata, computerized machines infallibly grasp, align and braze our STB frames in repetitious perfection. Thus destroying the hand-crafted myth perpetuated by frame-builders who have failed to make a commitment to advanced methods of production.

## APA—ALUMINUM-PRESSURIZED-ADHESIVE BONDING. AN EVOLUTIONARY DISCOVERY.

When you already build the world's finest steel frames, why seek alternatives? Because the finest steel frame was never our goal—building the finest bicycle is.

The major problem with optimal bicycle performance is the motor. Its power source is (in most cases) a human being, so to improve performance we have to minimize factors that wear out the engine.

Cyclists expend most of their energy two ways: overcoming resistance and absorbing vibration. Obviously, materials that reduce resistance and vibration will reduce energy loss. Aluminum can be an excellent choice.

Aluminum frames are 20% lighter and 12% stiffer than steel frames. Extra stiffness improves the cyclist's efficiency—power that is otherwise lost in a frame that flexes from the forces of pedaling is now transferred directly to the wheels. Less weight translates into less resistance—a given amount of energy will propel a light bicycle either farther or faster than a heavy one.

The other major advantage to aluminum is its ability to absorb road shock and dampen vibration. Aside from discomfort, vibration and shock rob the cyclist of energy, just as surely as foot-strike fatigues a runner or repeated jabbing wears down a fighter. Aluminum tubing dampens shock 50% faster than steel, so most of it never reaches the rider.

Another benefit of aluminum is its ability to resist oxidation. Nearly six times greater than steel. Which means your bicycle will stay better looking and stronger longer.

Aluminum isn't new. So why haven't we been making bicycles out of aluminum all along? Until the development of aerospace adhesives, the only way to build an aluminum bicycle was to weld it. The resulting loss of strength and alignment with conventional welding methods was, to us, simply unacceptable. The loss of two such critical components in a frame maintained chromoly's edge as a superior material.

In addition, aluminum has always

## Alumi-Tech

been more expensive. So until a good bonding method was available, aluminum was a high-risk, high-cost, poor alternative. Until now.

Miyata has applied for a patent on a method called APA bonding. Aluminum-Pressurized-Adhesive bonding. A process requiring precision-cast, light-alloy lugs made to tolerances of  $3/100\text{mm}$ . A special adhesive is applied to the lug and tube, then they are held under pressure while the joint is heated to  $150^\circ$  centigrade. Heat, acting as the catalyst, creates a chemical reaction in the joint, producing a permanent friction coefficient of  $300\text{ kgs/cm}^2$  between the two parts. That means the tube or the lug will break before the glue-line will.

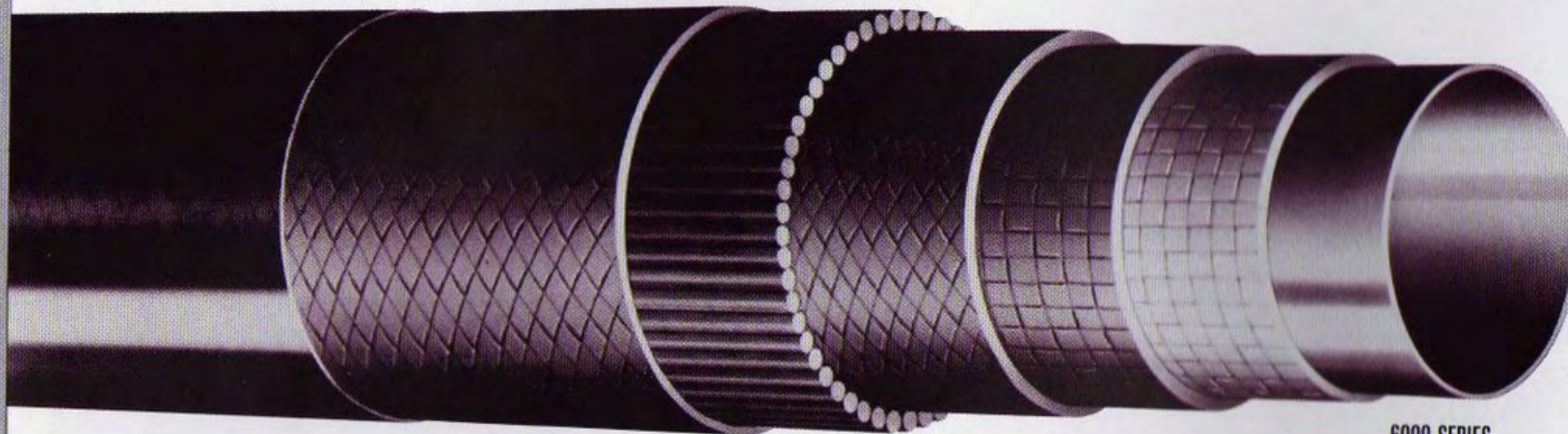
This method of bonding has proved so superior we have modified our carbon fiber tubes to allow the use of the APA bonding process. The charts show how our bonds hold up to stress and vibration.

The future will no doubt show a greater emphasis on aluminum bicycles

OUR NEW PRECISION-CAST, ALLOY, ONE-PIECE HEAD LUG.



# Carbon Fiber



PROTECTIVE CLEAR COAT

45/45 CLOTH PREPREG

UNI-DIRECTIONAL PREPREG

45/45 CLOTH PREPREG

90/90 CLOTH PREPREG

ISOLATOR

6000-SERIES ALUMINUM. SPECIAL ALLOY, TEMPERED.

Carbon fiber. Stronger than steel. Lighter than aluminum. And, in the hands of the finest production frame maker in the world, material you'd expect to result in some pretty spectacular bicycles. Miyata's three carbon fiber models will not disappoint you. Road ready, they weigh in at scarcely 18.5 pounds. They'll give you a ride unlike anything you've ever experienced.

To appreciate just how well Miyata has adapted this space-age fabric to a hundred-year tradition of frame building, you should know something about carbon fiber.

What is carbon fiber?

All organic matter contains carbon. A carbon fiber is an organic thread that is heated in a nitrogen-gas environment and reduced to a pure-carbon state. The thread emerges as a tiny rod of carbon with the basic properties of uncooked linguini: very stiff, very strong when you pull on the ends, but easy to break if you snap it in the middle. There is a recipe to overcome that obvious disadvantage: impregnating the rods in resin "blankets." Layers and layers of the blankets, positioned at opposing angles, are then formed into tubes.

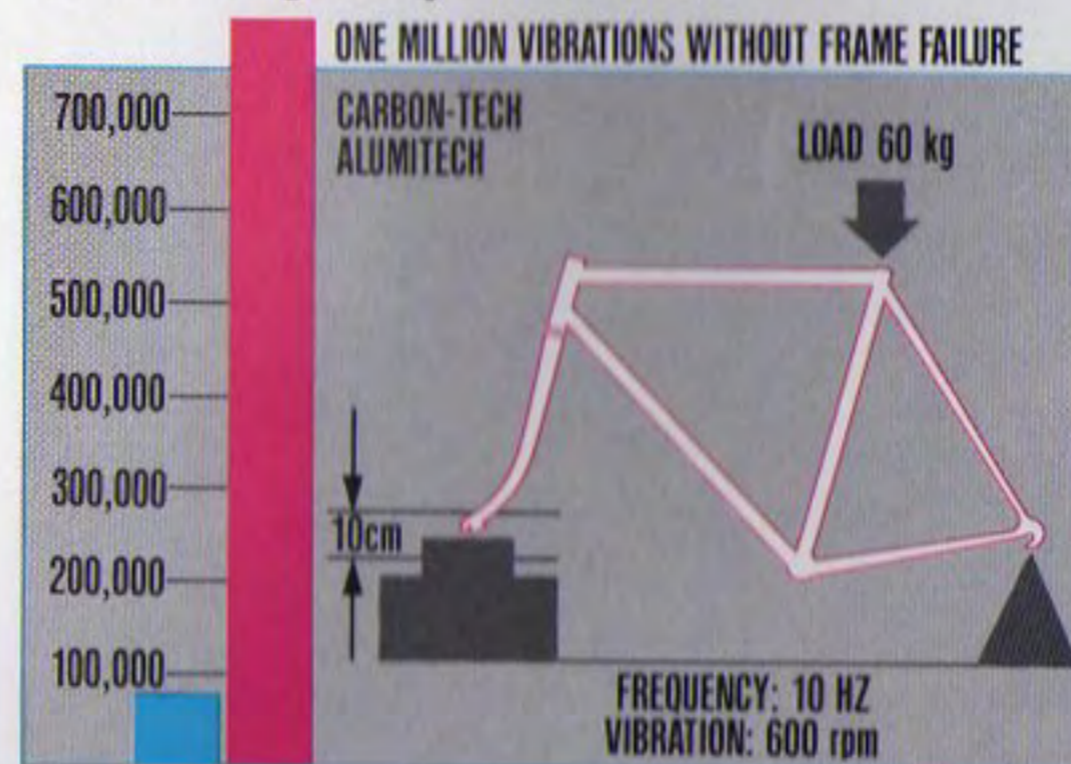
Why is carbon fiber so irresistible to frame builders?

Aside from the fact that it is stronger and lighter than metals, carbon fiber has the wonderful ability to absorb vibration and

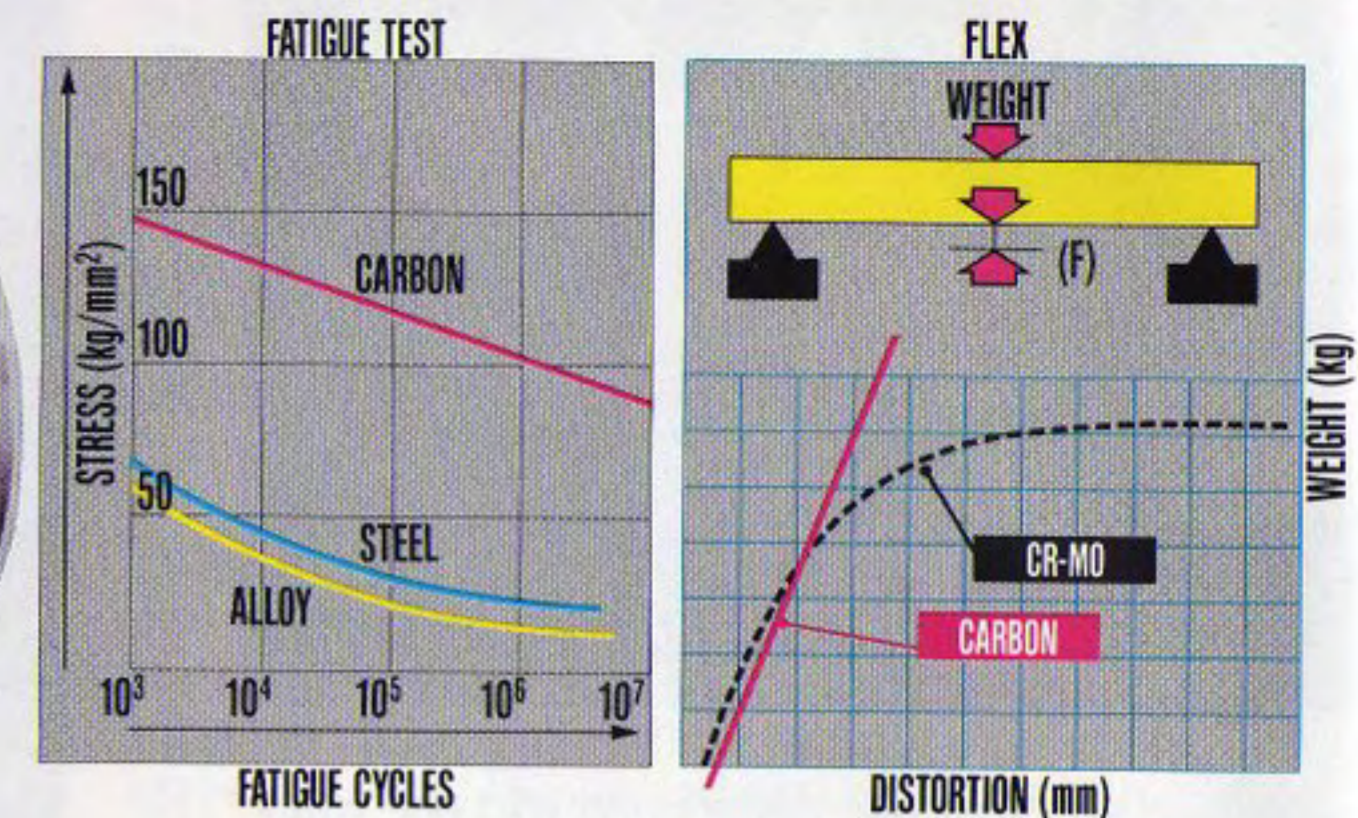
dampen shock. So it minimizes fatigue to the frame materials and to the cyclist. Because steel holds onto a shock wave longer, it will be transmitted to the cyclist at higher amplitude. And, since shock waves and vibrations are a constant condition of cycling, the rider will tire more quickly.

But carbon fiber has always presented frustrations as well:

How to permanently bond the tubes into a reliable frame—joining two alien materials, carbon tubes and aluminum lugs, has never been completely successful.



How to eliminate the battery effect created when carbon and aluminum touch in a humid environment. Corrosion from the battery eats the surface of the two materials and the bond fails.



How to minimize the tubing's vulnerability to lateral stress without making the tube too heavy.

Miyata has a deceptively simple solution: laying our carbon-fiber blankets around a thin core of aluminum that is protected from contact with the carbon.

It solves a number of problems:

The aluminum-to-aluminum APA bond is stronger than the tubing itself.

The aluminum can be more effectively isolated from the carbon fiber, thus disconnecting the battery.

The tube's lateral strength is greatly increased.

The benefits to cyclists are bicycle frames that tested 600% stronger than the competition's frames.

Bicycles with frames 20% stiffer than the stiffest chromoly frames, yet 40% lighter.

Bicycles that filter out harsh pavement while still communicating essential road information to the rider.

Bicycles that absorb vibrations to conserve the cyclist's energy.

Bicycles that are a new generation of reliable, light, responsive ultra-performers.

Carbon-Tech with APA bonding: the first carbon bicycles guaranteed for life.

# CarbonTech 7000

PUT ANY MISGIVINGS ABOUT THE RELIABILITY OF CARBON FIBER OUT OF YOUR MIND. INSTEAD, CONCENTRATE ON THE LIGHT, LIGHTNING RESPONSE YOU GET WHEN YOU STAND ON THE CRANKS. FEEL YOUR POWER SLAM INTO THE WHEELS LIKE IT'S BEEN RELEASED FROM A POWERFUL CROSSBOW. DON'T FILL YOUR HEAD WITH RESULTS OF VIBRATION, STRESS AND SHOCK TEST...IT'S UNNECESSARY. THIS ONE BEAT EVERY BICYCLE TESTED.

FEATURES:  
SUPER-CARBON FRAME  
3.9 lb FRAME & FORK  
POLISHED PRECISION LUGS  
FORGED ENDS  
FULL ALLOY FORK  
SHIMANO NEW DURA ACE  
INDEXED SHIFTERS  
8-SPEED CASSETTE  
SHIMANO CLIPLESS PEDALS  
WOLBER PROFIL 32H AERO RIMS  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
NITTO ALLOY HANDLE BARS  
NITTO ALLOY STEM  
AIR-BOTTLE BASEMENTS  
TURBO-SPECIAL SADDLE

COLORS:  
BLACK/POLISHED  
SIZES:  
50, 52, 54, 56,  
58, 60, 63cm  
SPEEDS: 16



THIS MODEL HAS THE SAME DEPENDABLE FRAME AS THE 7000. HERE, THE PRECISION-CAST LUGS ARE FINISHED IN GLOSSY BLACK, AND WE'VE SPECIFIED DEPENDABLE SHIMANO 600 ULTEGRA COMPONENTS. YOU'LL BE ABLE TO PUSH EXTRA GEAR-INCHES WITH BIOPACE CHAINWHEELS. WHILE CLICKING CRISPLY THROUGH FOURTEEN SIS SPEEDS. NOW MORE COMPETITORS CAN TAKE ADVANTAGE OF MIYATA'S CARBON-FIBER TECHNOLOGY.

## CarbonTech5000

FEATURES:  
SUPER-CARBON FRAME  
3.9 lb FRAME & FORK  
PRECISION LUGS  
FORGED ENDS  
FULL ALLOY FORK

SHIMANO 600 ULTEGRA  
INDEXED SHIFTERS  
7-SPEED CASSETTE  
BIOPACE CRANKSET  
WOLBER 32H AERO RIMS  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
ALLOY HANDLE BAR  
TURBO SADDLE  
TOE CLIPS & STRAPS  
COLORS:  
BLACK  
SIZES:  
50, 52, 54, 56,  
58, 60, 63cm  
SPEEDS: 14



AN EXCITING HYBRID  
OF OUR  
CARBON **CarbonTech3000**

AND ALUMINUM TECHNOLOGY. THE MAIN TUBES ARE CARBON FIBER, THE STAYS ARE 6000 SERIES ALUMINUM. BOTH ARE APA BONDED TO OUR PRECISION ALUMINUM LUGS. THE CARBON-TECH 3000 IS LIGHTER THAN ALL-ALUMINUM BICYCLES AND STIFFER THAN CHROMOLOY COMPETITION FRAMES.

FEATURES:  
CARBON FIBER MAIN TUBES  
PRECISION-CAST LUGS  
ALUMINUM SEAT & CHAIN STAYS  
FULL ALLOY FORK  
FORGED ENDS  
SHIMANO NEW 105  
INDEXED SHIFTERS  
7-SPEED CASSETTE  
BIOPACE CRANKSET  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
RACING GEL SADDLE

ALLOY HANDLE BAR  
TOE CLIPS & STRAPS  
AIR-BOTTLE BASEMENT  
COLORS:  
BLACK  
SIZES:  
48, 50, 52, 54, 56,  
58, 60, 63cm  
SPEEDS: 14



# Team Miyata

BEGINS WITH THE WORLD'S MOST REFINED TUBING AND ENDS WITH THE WORLD'S MOST RELIABLE, ADVANCED COMPONENT GROUP. IN BETWEEN IS A 100-YEAR MANDATE FOR EXCELLENCE. STB TUBING, MIYATA CRAFTSMANSHIP AND DURA ACE COMBINE TO CREATE A PROFESSIONAL RACING BICYCLE UNSURPASSED FOR QUALITY AND DURABILITY. THIS IS THE EXACT BICYCLE RACED ALL OVER THE WORLD.

FEATURES:  
CR-MO STB FRAME  
CABLE THRU TOP TUBE  
PRECISION-CAST LUGS  
SHIMANO FORGED ENDS  
CR-MO SPLINED FORK

SHIMANO NEW DURA ACE  
INDEXED SHIFTERS  
8-SPEED CASSETTE  
SHIMANO CLIPLESS PEDALS  
WOLBER PROFIL 32H AERO RIMS  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
NITTO ALLOY HANDLE BARS  
NITTO ALLOY STEM  
AIR-BOTTLE BASEMENTS  
TURBO-SPECIAL SADDLE

COLORS:  
TEAM BLUE/WHITE  
SIZES:  
50, 52, 54, 56,  
58, 60, 63cm  
SPEEDS: 16





RACING BICYCLES ARE RARELY RACED. BUT THEN, THAT IS TRUE OF A PORSCHE AUTOMOBILE AS WELL. YOUR ATTRACTION TO A FINE ROAD-RACING BICYCLE IS NOT THAT YOU INTEND TO RACE IT, BUT RATHER THAT YOUR MACHINE IS CAPABLE OF RACING. OWNERSHIP IS AN EXPRESSION OF YOUR APPRECIATION FOR ITS CRAFTSMANSHIP AND TECHNICAL REFINEMENT, AND THE POSSIBILITY THAT YOU CAN, AT ANY MOMENT, HAMMER THE NEXT GUY INTO THE HILL.

1400

PROFESSIONAL PERFORMANCE FOR THE VALUE MINDED. YOU'LL MOVE UP A FEW CATEGORIES IF YOU'RE GOOD ENOUGH TO TAKE THIS EQUIPMENT TO ITS LIMITS. SWIM-WEARY TRIATHLETES WILL APPRECIATE THE EXTRA STABILITY OF THE SLIGHTLY EXTENDED WHEELBASE DURING THE TRANSITION, AND CENTURY RIDERS WILL KNOW IMMEDIATELY THAT THEY'RE ON THE RIGHT BIKE.

FEATURES:  
CR-MO STB FRAME  
CABLE THRU TOP TUBE  
PRECISION-CAST SEAT LUG  
FORGED ENDS  
SHIMANO 600 ULTEGRA  
INDEXED SHIFTERS

7-SPEED CASSETTE  
BIOPACE CRANKSET  
32H AERO RIMS  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
TURBO SADDLE  
ALLOY HANDLE BARS & STEM  
TOE CLIPS & STRAPS  
AIR-BOTTLE BASEMENT  
COLORS:  
TRUE BLUE  
SIZES:  
50, 54, 56, 58,  
60, 63cm  
SPEEDS: 14





FEATURES:  
 FULL ALUMINUM FRAME  
 3-LUG CONSTRUCTION  
 APA-BONDED  
 FULL ALLOY FORK  
 FORGED ENDS  
 SUNTOUR GPX GROUP  
 ACCUSHIFT INDEXED SHIFTERS  
 7-SPEED CASSETTE

AERO BRAKE LEVERS  
 QUICK-RELEASE HUBS  
 MUNDIALITA SADDLE  
 ALLOY HANDLE BARS & STEM  
 TOE CLIPS & STEPS

AIR-BOTTLE BASEMENT  
 COLORS:  
 WHITE/DARK PLATINUM  
 SIZES:  
 48, 50, 52, 54, 56,  
 58, 60, 63cm  
 SPEEDS: 14

A=ALUMINUM ALLOY.  
 ALSO APA- ADVANCED  
 ADHESION, AEROSPACE  
 ALCHEMY. AN ACHIEVE-  
 MENT. ACCURATE  
 ALIGNMENT. AGGRES-  
 SIVE, AGILE, ALWAYS  
 AHEAD. AN AMAZING  
 ASCENDING APPARATUS.

**1100a** ASTOUNDING  
 ACCELERATION.  
 AN ADVANTAGE. AN  
 ADVENTURE. ATTRAC-  
 TIVE. ABSOLUTELY  
 ADDICTIVE. ALUMI-  
 TECH. AMIYATA.

914

SUPERB BICYCLE FOR TRIATHLETES. LIGHT AND RESPONSIVE FOR RACING, YET COMFORTABLE ON LONG TRAINING RIDES. IN THE WEARY MOMENTS OF A RACE, IF YOU'VE EVER KNOCKED OFF YOUR FRAME PUMP REACHING FOR YOUR SHIFTERS OR WATER BOTTLE, YOU'LL APPRECIATE THE NEW AIR-BOTTLE ALTERNATIVE.

FEATURES:  
CR-MO STB FRAME  
PRECISION-CAST SEAT LUG  
CABLE THRU TOP TUBE  
CR-MO SPLINED FORK  
FORGED ENDS  
SHIMANO NEW 105

INDEXED SHIFTERS  
7-SPEED CASSETTE  
BIOPACE CRANKSET  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
STAINLESS STEEL SPOKES  
RACING GEL SADDLE  
ALLOY HANDLE BARS AND STEM  
TOE CLIPS AND STRAPS  
AIR BOTTLE BASEMENT  
COLORS:  
STARLIGHT BLACK  
SIZES:  
50, 54, 56, 58,  
60, 63cm  
SPEEDS: 14



718a

A IS FOR ALUMINUM AND A-TEEN GEARS! COUNT 'EM, 18! TRIPLE CRANKS ARE GOING TO PUT A LOT OF FUN INTO YOUR HILLY HUNDREDS. THIS IS OUR NEW CONCEPT OF ADDING A BIG MECHANICAL ADVANTAGE TO LIGHTWEIGHT ROAD BICYCLES WITHOUT SACRIFICING HIGH-END PERFORMANCE. WE DO NOT EXPECT BIG SALES IN KANSAS FOR THIS ONE.

FEATURES:  
ALUMINUM MAIN TUBES  
3-LUG CONSTRUCTION  
PRECISION CAST LUGS  
APA-BONDED  
CABLE THRU TOP TUBE  
CR-MO FORK  
FORGED ENDS  
SHIMANO EXAGE LX  
INDEXED SHIFTERS  
6-SPEED CLUSTER  
BIOPACE CRANKSET

TRIPLE ALLOY RINGS  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
ALLOY HANDLE BARS & STEM  
TOE CLIPS & STRAPS  
AIR-BOTTLE BASEMENT  
COLORS:  
PEACOCK/WHITE  
BLACK  
SIZES:  
48, 50, 52, 54,  
56, 58, 60cm  
SPEEDS: 18



A BICYCLE MORE THAN  
CAPABLE OF  
SATISFYING THE  
SERIOUS CLUB RIDER,  
BEGINNING RACER OR  
INTERMEDIATE TRIATH-  
LETE. JUST LOOK AT THE  
SPECS. THERE'S ALMOST  
AS MUCH HIGH-TECH  
INNOVATION ON THE  
512 AS OUR TOP ROAD  
MACHINES— CROMOLY-  
FRAME, MATCHED COM-  
PONENT GROUP, BIOPACE  
CRANKSET, AERO LEVERS,  
SHIMANO INDEXED  
SHIFTING... THE LIST  
GOES ON!

512

FEATURES:  
CR-MO STB FRAME  
CABLE THRU TOP TUBE  
CR-MO FORK  
FORGED ENDS  
SHIMANO EXAGE ACTION  
INDEXED SHIFTERS

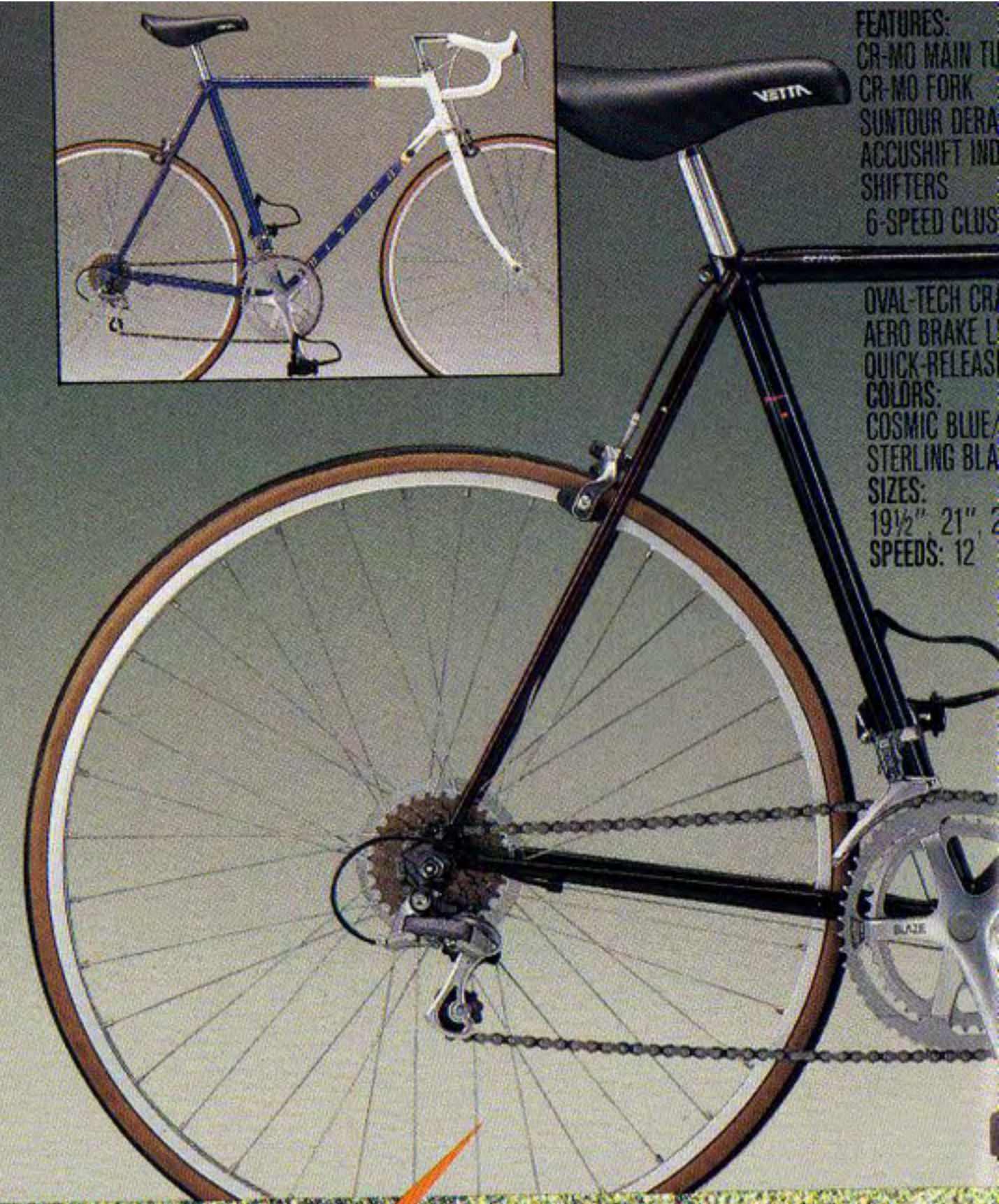
8-SPEED CLUSTER  
BIOPACE CRANKSET  
AERO BRAKE LEVERS  
QUICK-RELEASE HUBS  
ARAYA ALLOY RIMS  
STAINLESS-STEEL SPOKES  
CUSHION TAPES  
TOE CLIPS & STRAPS  
COLORS:  
FIRE RED/WHITE  
WHITE  
SIZES:  
50, 54, 56, 58,  
60, 63cm  
SPEEDS: 12





FEATURES:  
 FULL CR-MO FRAME  
 SPLINED DOWN TUBE  
 SHIMANO EXAGE ACTION  
 INDEXED SHIFTERS  
 6-SPEED CLUSTER  
 BIOPACE CRANKSET

SHIMANO UNI-GLIDE CHAIN  
 AERO BRAKE LEVERS  
 QUICK-RELEASE HUBS  
 TOE CLIPS & STRAPS  
 COLORS:  
 DARK PLATINUM/BLACK  
 APACHE BLUE  
 SIZES:  
 46, 50, 54, 56, 58,  
 60, 63, 69cm  
 SPEEDS: 12

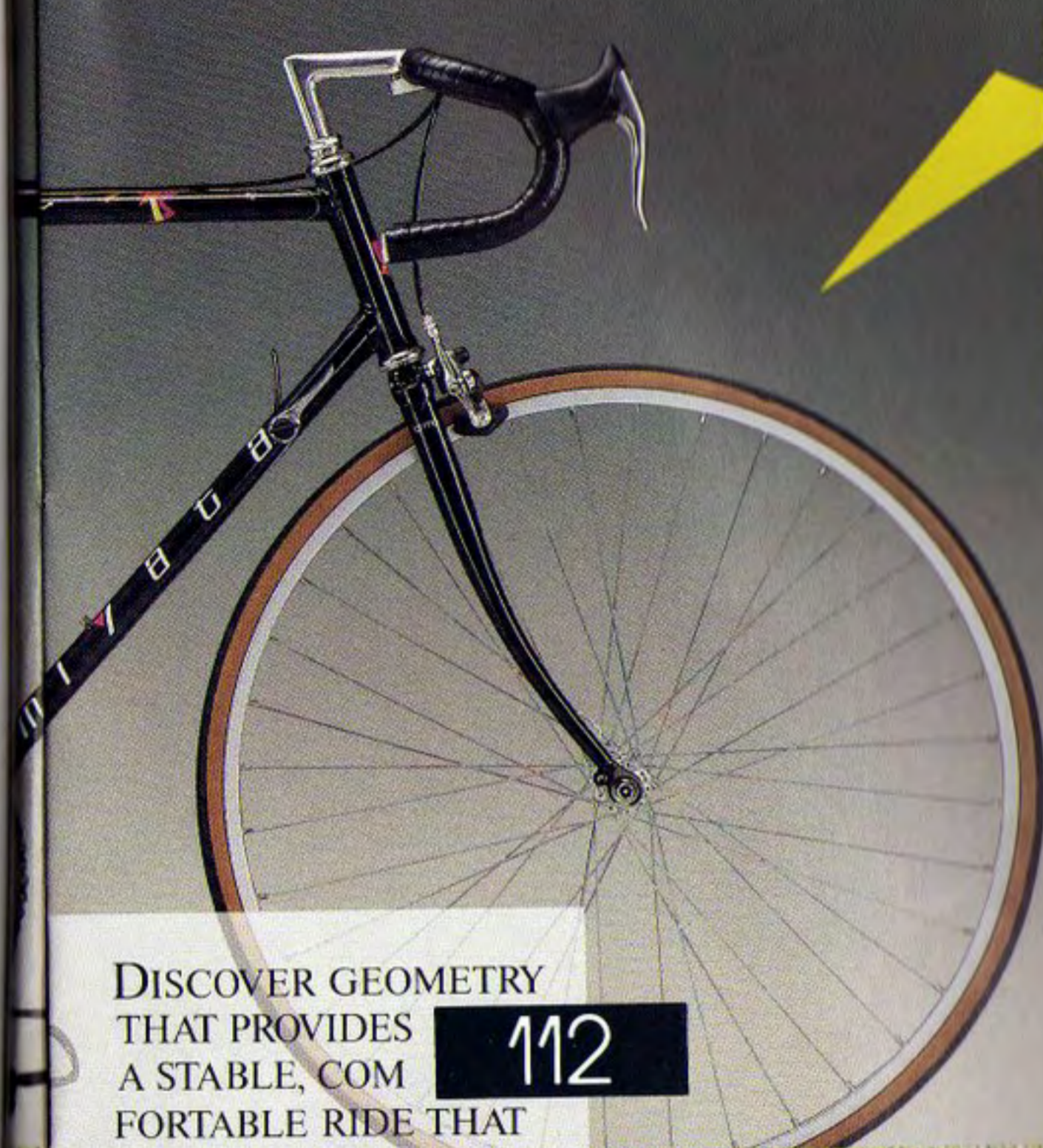


FEATURES:  
 CR-MO MAIN TU  
 CR-MO FORK  
 SUNTOUR DERA  
 ACCUSHIFT IND  
 SHIFTERS  
 6-SPEED CLUS

OVAL-TECH CRA  
 AERO BRAKE L  
 QUICK-RELEAS  
 COLORS:  
 COSMIC BLUE/  
 STERLING BLA  
 SIZES:  
 19 1/2", 21", 2  
 SPEEDS: 12

ENTRY LEVEL ROAD-RACING BICYCLE WITH A DURABLE CHROMOLY, SPLINED FRAME. FEATURE FOR FEATURE, ONE OF THE BEST VALUES YOU'LL FIND. HIGH-PERFORMANCE EXTRAS, A SLIGHTLY LONGER WHEELBASE AND RELAXED GEOMETRY WILL MAKE THIS MODEL EXTREMELY ENJOYABLE FOR EXTENDED WEEKEND EXCURSIONS WITHOUT

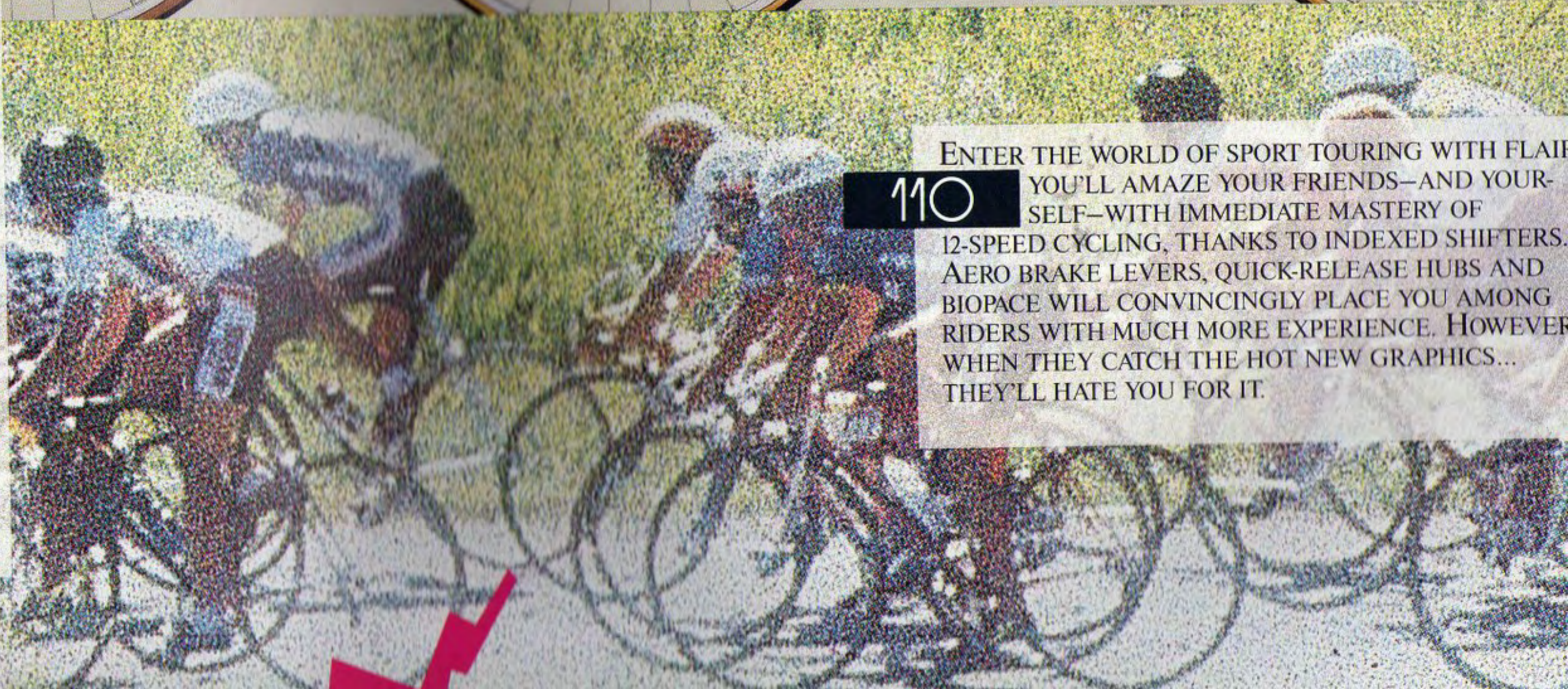
312



FEATURES:  
 SPECIAL STEEL TUBES  
 SHIMANO EXAGE MOTION  
 INDEXED SHIFTERS  
 SHIMANO 6-SPEED CLUSTER  
 EXAGE BIOPACE CRANKSET  
 AERO BRAKE LEVERS

QUICK-RELEASE FRONT HUB  
 COLORS:  
 SILVER FLAKE/WHITE  
 SCARLET  
 SIZES:  
 16" Jr., 17", 19 1/2",  
 21", 23", 25"  
 17" M, 19 1/2" M  
 SPEEDS: 12

DISCOVER GEOMETRY  
 THAT PROVIDES  
 A STABLE, COM  
**112**  
 FORTABLE RIDE THAT  
 STILL EXHILARATES!  
 THIS SPORT TOURING  
 BICYCLE HAS HIGH-TECH  
 FEATURES FOUND ONLY  
 ON TOP RACERS JUST A  
 FEW YEARS AGO. IF  
 YOU'VE BEEN WAITING  
 FOR THE PRICE OF A  
 FULL CHROMOLY FRAME  
 AND FORK, INDEXED  
 SHIFTING, AERO BRAKE  
 LEVERS, QUICK-RELEASE  
 HUBS AND OVAL CHAIN  
 RINGS TO COME INTO  
 YOUR PRICE RANGE,  
 STOP WAITING.



**110** ENTER THE WORLD OF SPORT TOURING WITH FLAIR!  
 YOU'LL AMAZE YOUR FRIENDS—AND YOUR-  
 SELF—WITH IMMEDIATE MASTERY OF  
 12-SPEED CYCLING, THANKS TO INDEXED SHIFTERS.  
 AERO BRAKE LEVERS, QUICK-RELEASE HUBS AND  
 BIOPACE WILL CONVINCINGLY PLACE YOU AMONG  
 RIDERS WITH MUCH MORE EXPERIENCE. HOWEVER,  
 WHEN THEY CATCH THE HOT NEW GRAPHICS...  
 THEY'LL HATE YOU FOR IT.

LUXE TOURING. THE  
1000 IS  
THE MOST **1000LT**

REFINED TOURING BICYCLE YOU CAN BUY. WE ENGINEERED POUNDS OUT OF THIS BICYCLE WITHOUT SACRIFICING ANY OF ITS STRENGTH. YOU GET ALL THE ROAD RESPONSE YOU NEED FOR EXCELLENT CONTROL, EVEN WITH FULLY LOADED PANNIERS. THE RADIAL TIRES WILL GIVE YOU MILES OF TROUBLE-FREE CYCLING WITH LOW ROLLING RESISTANCE.

FEATURES:  
CR-MO STB FRAME  
PRECISION-CAST SEAT LUG  
CR-MO FORK  
FORGED ENDS  
SHIMANO NEW DEORE II  
HYPER-GLIDE DRIVE TRAIN  
7-SPEED CASSETTE  
INDEXED SHIFTERS  
BIOPACE CRANKSET

RADIAL TIRES  
CANTILEVER BRAKES  
QUICK-RELEASE HUBS  
VETTA GEL SADDLE  
ALLOY CARRIER  
AIR-BOTTLE BASEMENT  
TOE STRAPS & CLIPS  
COLORS:  
METALLIC SMOKE  
SIZES:  
50, 54, 57, 60, 63cm  
SPEEDS: 18

CLASSIC TOURING BICYCLES. THE FIRST SPECIFIC GEOMETRY CATEGORY REFINED BY MIYATA ENGINEERS. THEY'VE DESIGNED COMFORT, STABILITY AND RELIABILITY INTO EVERY FEATURE TO LET YOU SPEND LONG, CONFIDENT HOURS ON THE SCENIC BACKROADS.



**618GT**

A LONG-DISTANCE RUNNER WITH THE QUICKNESS OF A SPRINTER. MIYATA HAS EFFECTIVELY DESIGNED SPORT BICYCLE HANDLING INTO A DURABLE TOURING MACHINE. IT'S THE PERFECT CHOICE FOR CYCLISTS WHO WANT TO DO SPIRITED WORKOUTS IN BETWEEN LONG WEEKEND RIDES. BAR-END SHIFTERS KEEP BOTH HANDS ON THE BARS WHEN YOU'RE NEGOTIATING TRAFFIC AND FRONT-WHEEL PACKS SIMULTANEOUSLY.

FEATURES:  
CR-MO STB FRAME  
FORGED ENDS  
SUNTOUR XCM 3040  
ACCUSHIFT INDEXED SHIFTING  
BAR-END SHIFTERS

6-SPEED CLUSTER  
OVAL-TECH CRANKSET  
RADIAL TIRES  
40H REAR RIMS  
CANTILEVER BRAKES  
QUICK-RELEASE HUBS  
CUSHION GRIPS  
ALLOY CARRIER  
CHAIN-STAY PROTECTOR  
TOE CLIPS & STRAPS  
COLORS:  
COSMIC BLUE  
SIZES:  
46, 50, 54, 57,  
60, 63cm  
SPEEDS: 18





FEATURES:  
CR-MO STB FRAME  
CABLE THRU TOP TUBE  
FORGED VERTICAL ENDS  
SEALED MECHANISMS  
SHIMANO EXAGE COUNTRY  
INDEXED SHIFTERS  
6-SPEED CLUSTER  
TRIPLE BIOPACE CRANKSET  
IRC CROSS-COUNTRY TIRES

CANTILEVER BRAKES  
NARROW-DESIGN HANDLE BAR  
STEM WITH PULLEY  
SEAT QUICK-PIN  
CARRIER BASEMENT  
TOE STRAPS & CLIPS  
COLORS:  
DAYBREAK BLUE  
SIZES:  
46, 50, 54, 56,  
58, 60, 63cm  
SPEEDS: 18

A DOUBLE-DOSE OF CYCLING FUN IN A TRIPLE-BUTTED CR-MO FRAME. FINALLY, SOMEBODY PUT LIGHTWEIGHT RESPONSE INTO AN ATB (OR ATB COMFORT INTO A LIGHTWEIGHT). THE HEAVY-DUTY CRANKS, MIDWEIGHT TIRES AND LIGHTWEIGHT FRAME ARE GOING TO REDEFINE CYCLING ENJOYMENT. THROUGH IT ALL, YOU'LL BE SITTING PRETTY WITH YOUR CONTROL PANEL OF THUMB SHIFTERS AND BRAKE LEVERS ON A COMPACT 52cm HIGHBAR.

## Triple-Cross

THESE BICYCLES ARE POSITIONED IN THIS CATALOG BETWEEN LIGHTWEIGHT, TOURING BICYCLES AND OUR TOUGHEST ALL-TERRAIN BICYCLES. AND THAT IS EXACTLY WHERE YOU SHOULD POSITION THEM IN YOUR OWN MIND. ARE YOU READY TO EXPLORE THE POSSIBILITIES OF RIDING AN ATB WITH THE QUICKNESS OF A ROAD RACER. OR RIDE A ROAD RACER OFFERING SIT-UP COMFORT AND JUNK YARD TOUGHNESS? THE CHOICE IS YOURS.



PICK UP RACING'S ULTIMATE CHALLENGE AND PUT YOURSELF BETWEEN ROCKS AND A SMOOTH, HARD PLACE. CYCLOCROSS—AN ON-ROAD, OFF-ROAD TEST OF YOUR ENDURANCE, COURAGE, SKILL AND IQ. THIS IS NOT A ROAD-BIKE OR ATB ADAPTATION. THIS RACER HAS BEEN DESIGNED FROM THE GEOMETRY UP TO HELP YOU FLY ON STUFF YOU'D NEVER GET NEAR ON YOUR SKINNY-TIRE RACER.

## Alumi-Cross



FEATURES:  
ALUMINUM MAIN TUBES  
APA-BONDED  
3-LUG CONSTRUCTION  
CABLE THRU TOP TUBE  
CR-MO FORK  
SUNTOUR XCD 6000  
ACCUSHIFT INDEX SHIFTING  
BAR-END SHIFTERS  
IRC CROSS-COUNTRY TIRES

6-SPEED CLUSTER  
CYCLOID TRIPLE CRANKSET  
CANTILEVER BRAKES  
NEW DESIGN HANDLE BAR  
STEM WITH PULLEY  
SEAT QUICK-PIN  
RACING-GEL SADDLE  
AIR-BOTTLE BASEMENT  
TOE CLIPS & STRAPS  
COLORS:  
WHITE  
SIZES:  
48, 50, 52, 54,  
56, 58, 60cm  
SPEEDS: 18

SHORT CHAIN STAYS AND A STEEP HEAD TUBE MAKE THIS LIGHTWEIGHT A RACE HEAVYWEIGHT. RUGGED 3-LUG CONSTRUCTION ELIMINATES THE HEAD TUBE FOR EXTRA STIFFNESS, EXTRA STRENGTH.

# Skyrunner

HEAD, SEAT AND BB-SHELL LUGS ARE PRECISION-CAST, LIGHT ALLOY BY MIYATA INDUSTRIES. AT 26 POUNDS, THIS FULL APA-BONDED ALUMINUM TRACTOR WILL PLANT A LOT OF COMPETITION OUT IN THE BACK FORTY.

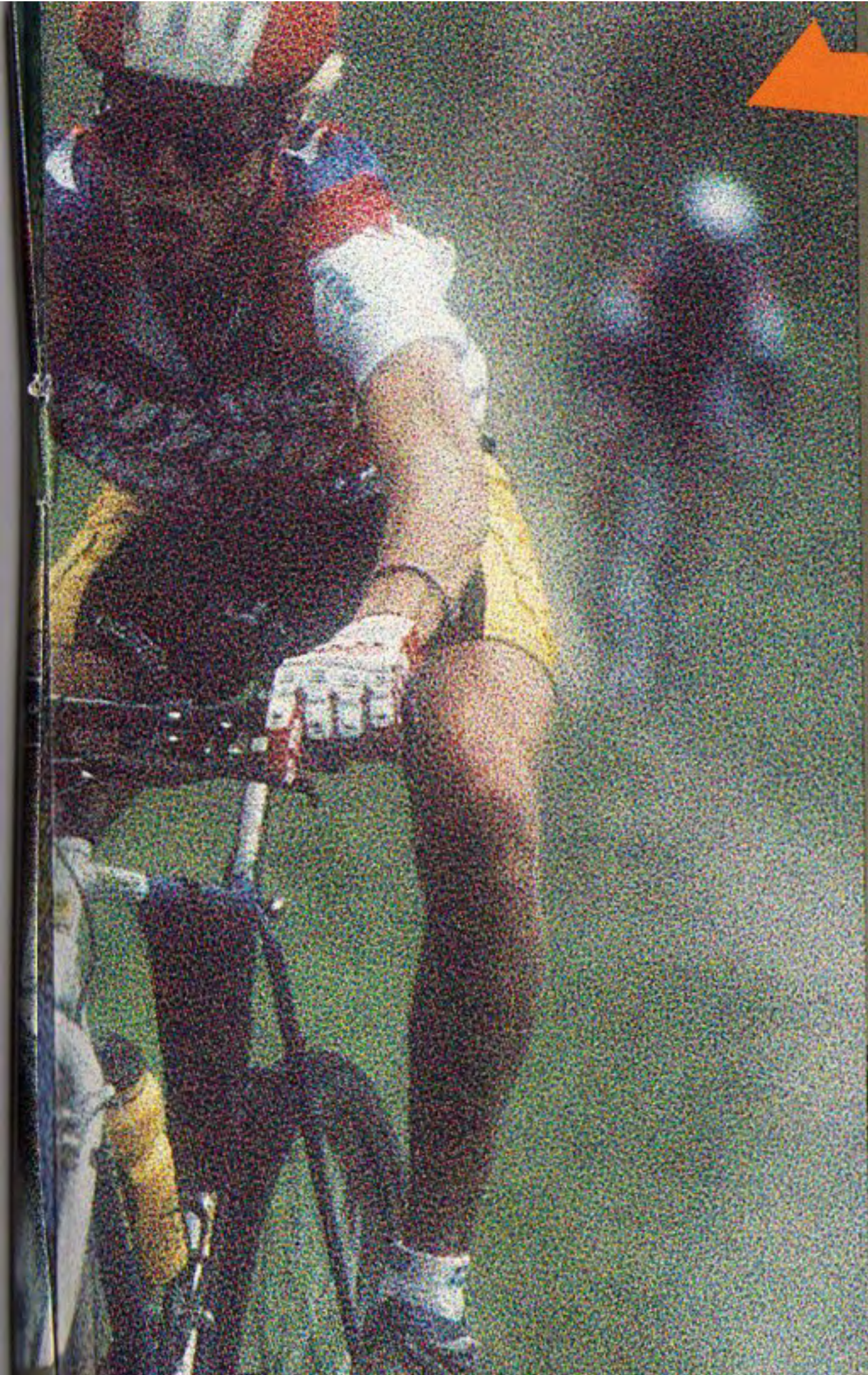
FEATURES:  
ALUMINUM FRAME  
APA BONDED  
3-LUG CONSTRUCTION  
CR-MO OVAL FORK  
VERTICAL DROPOUTS  
SEALED MECHANISMS  
NEW DEORE XT II  
HYPER-GLIDE TRAIN DRIVE  
SHIMANO INDEX SHIFTERS

7-SPEED CASSETTE  
R-O-O CRANKSET  
2-FINGER BRAKE LEVERS  
QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
SHARK FIN  
PULLEY STEM  
TURBO SADDLE  
TOE CLIPS & STRAPS  
COLORS:  
PASSION PURPLE  
SIZES:  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
SPEEDS: 21



BALLOON-TIRE COASTER-BRAKE BICYCLES IN CAHOOTS WITH SLEEK EUROPEAN ROAD RACERS. MIYATA ADVANCES THE PARADOX WITH ATBs THAT ARE AT ONCE STRONG—YET LIGHTWEIGHT. AT HOME IN THE OUTBACK—OR THE INNER CITY, EXOTICALLY ENGINEERED—YET EASY TO RIDE. A SOURCE OF JOY TO JOY RIDERS—AS WELL AS RIDERS WITH A DEATH WISH. GET A MIYATA ATB AND JOIN THE FUN!





## Ridgerunner Team


NOT JUST "A" COMPETITION ATB BUT "THE" COMPETITION BIKE WE PUT UNDER OUR PROFESSIONAL RACING TEAMS.

SHORT CHAIN STAYS AND STEEP GEOMETRY PROVIDE MAXIMUM AGILITY WHEN YOU'RE PICKING YOUR WAY UP THE MOUNTAIN. FULLY-SPLINED TRIPLE BUTTED CHROMOLY FRAME AND FORK WILL PROVIDE A WHOLE BICYCLE WHEN YOU'RE PICKING YOURSELF UP AT THE BOTTOM OF THE MOUNTAIN.

FEATURES:  
CR-MO STB FRAME  
3-PIECE CABLE GUIDES  
CR-MO OVAL FORK  
VERTICAL DROPOUTS  
SEALED MECHANISMS  
NEW DEORE XT II  
HYPER-GLIDE TRAIN DRIVE  
INDEXED SHIFTERS  
7-SPEED CASSETTE  
R-O-O CRANKSET  
2-FINGER BRAKE LEVERS

WOLBER RIMS  
QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
TURBO SADDLE  
SHARK FIN  
TOE CLIPS & STRAPS  
COLORS:  
TEAM BLUE/WHITE  
SIZES: (cm)  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
SPEEDS: 21





FEATURES:  
CR-MO STB FRAME  
3-PIECE CABLE GUIDES  
CR-MO OVAL FORK  
VERTICAL DROPOUTS  
SEALED MECHANISMS  
NEW DEORE II  
HYPER-GLIDE TRAIN DRIVE  
INDEXED SHIFTERS  
7-SPEED CASSETTE  
BIOPACE CRANKSET

2-FINGER BRAKE LEVERS  
RACING GEL SADDLE  
SHARK FIN  
NEW ARAYA NARROW RIMS  
QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
TOE CLIPS & STRAPS  
COLORS:  
PARAKEET  
SIZES: (cm)  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
SPEEDS: 21

AN INTELLIGENT CHOICE FOR TRULY COMPETITIVE, OR JUST HIGHLY AGGRESSIVE RIDERS. THIS IS A STRONG, RESPONSIVE ATB WITH LIGHTNESS FOR CLIMBING AND TOUGHNESS FOR DOWNHILL BOMBING. FULL CHROMOLY STB TUBES AND FORK, 72/73 GEOMETRY AND NEW DEORE II COMPONENTS GIVE YOU PROFESSIONAL-LEVEL PERFORMANCE AND RELIABILITY WITH A MORE CASUAL APPROACH TO PRICE.

**Terrarunner**

LIKE CLIMBING? THE TRAIL RUNNER'S LIGHT, ALUMINUM FRAME AND 21-GEAR CYCLOID POWER TRAIN COULD PUT YOU ON A GRANITE FACE WITH THE BEST FREE-CLIMBERS. 3-LUG FRAME CONSTRUCTION WILL EASILY SURVIVE THE PLUNGE BACK TO YOUR BASE CAMP. NEW BB SHELL DESIGN KEEPS CHAIN STAYS TRACKING STRAIGHT UNDER STRESS, WHILE VERTICAL DROPOUTS LOCK THE REAR WHEEL IN LINE FOR OPTIMAL PERFORMANCE.

## Trailrunner

FEATURES:  
ALUMINUM MAIN TUBES  
3-LUG CONSTRUCTION  
APA-BONDED  
CR-MO STAYS  
CR-MO FORK  
VERTICAL DROPOUTS  
SUNTOUR XCD-6000  
ACCUSHIFT INDEXED SHIFTERS

CYCLOID R.O.D. CRANKSET  
7-SPEED CASSETTE  
MIYATA 18EX-II TIRES  
COMPACT BRAKE LEVERS  
QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
GEL SADDLE  
ALLOY HANDLE BAR  
COLORS:  
WHITE  
SIZES: (cm)  
16 1/2" (42) 18 1/2" (47)  
20 1/2" (52) 22 1/2" (57)  
SPEEDS: 71



# Valleyrunner

A MEDIUM-PRICED, HIGH-SPEC ALL TERRAIN FOR PERFORMANCE-CONSCIOUS RIDERS OF EVERY ABILITY. OFFERING A SPLINED, TRIPLE-BUTTED CR-MO FRAME AND A FULLY-MATCHED SIS COMPONENT GROUP. 3-PIECE CABLE GUIDE ON TOP TUBE ELIMINATES CABLE SLAP, SO YOU GET ALL THE STOPPING POWER THE CANTILEVER BRAKE WAS DESIGNED TO DELIVER. VERTICAL DROPOUTS TESTIFY TO THE PRECISION OF THIS ATB.

FEATURES:  
CR-MO STB FRAME  
3-PIECE CABLE GUIDES  
CR-MO FORK  
VERTICAL DROPOUTS  
SEALED MECHANISMS  
SHIMANO EXAGE LX  
INDEXED SHIFTERS  
6-SPEED CASSETTE  
BIO-PACE CRANKS  
MIYATA IBEX-II TIRES

EXAGE CANTILEVER BRAKES  
QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
ALLOY HANDLE BAR  
CONTOURED GRIPS  
CHAIN-STAY PROTECTOR  
COLORS:  
PLUM CRAZY  
SCARLET/BLACK  
SIZES: (cm)  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
SPEEDS: 18







FEATURES:  
CR-MO STB FRAME  
FORGED ENDS  
CR-MO FORK  
SEALED MECHANISMS  
SHIMANO EXAGE TRAIL  
INDEXED SHIFTERS

6-SPEED CASSETTE  
BIOPACE CRANKS  
ALLOY RIMS  
EXAGE CANTILEVER BRAKES  
QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
COLORS:  
DARK PLATINUM/BLACK  
BRIGHT BLUE  
SIZES: (cm)  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
LADIES 16"  
SPEEDS: 18



KISSIN' COUSIN TO OUR SOPHISTICATED COMPETITION MACHINES THAT'S RIGHT AT HOME IN THE CITY. A VALUE-PACKED RECREATIONAL ATB DESIGNED TO MEET MIYATA STANDARDS OF RELIABILITY IN EVERY VENUE. QUICK-RELEASE HUBS ARE SLICK CITY FEATURES FOR GETTING IN AND OUT OF CARS AND ELEVATORS, AND NOTHIN'S MORE INSEN-

## Countryrunner

SITIVE TO POTHOLES THAN THIS ATB—UNLESS IT'S YOUR CITY COMMISSIONER.



FEATURES:  
CR-MO STB FRAME  
SEALED MECHANISMS  
SHIMANO EXAGE MOUNTAIN  
F&R INDEXED SHIFTERS  
6-SPEED CASSETTE  
BIOPACE CRANKS

QUICK-RELEASE HUBS  
QUICK-RELEASE SEAT  
COLORS:  
APACHE BLUE/BLACK  
RASPBERRY  
SIZES: (cm)  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
24½"(62)  
SPEEDS: 18



DON'T BE DECEIVED BY ITS LOW PRICE— PATH RUNNER IS A SERIOUS OFF-ROAD BOMBER WITH THE STRENGTH AND AGILITY TO PLAY WITH ATBs COSTING HUNDREDS OF DOLLARS MORE. NEW FORK BLADES HAVE OVAL

## Pathrunner

SECTION TO RESIST STRESS, ROUND SECTION TO DAMPEN SHOCKS AND VIBRATION. ADD SEALED MECHANISMS AND THIS ATB WILL INSURE YEARS OF TROUBLE-FREE STOMPING THROUGH THE WORST CONDITIONS YOU'LL EVER ENJOY.



FEATURES:  
CR-MO STB FRAME  
SHIMANO EXAGE COUNTRY  
QUICK-RELEASE FRONT HUB  
QUICK-RELEASE SEAT  
COLORS:  
WHITE/DARK PLATINUM  
TRUE BLUE

SIZES: (cm)  
16" JR. 16½"(42),  
18½"(47), 20½"(52),  
22½"(57)  
LADIES 16"  
SPEEDS: 18

INDEXED SHIFTERS  
6-SPEED CLUSTER  
BIOPACE CRANKS  
CANTILEVER BRAKES



FEATURES:  
SHIMANO INDEXED SHIFTERS  
5-SPEED CLUSTER  
TRIPLE CRANKSET  
CANTILEVER BRAKES  
QUICK-RELEASE FRONT HUB  
VELO SADDLE

CHAIN-STAY PROTECTOR  
COLORS:  
SILVER SHADOW/WHITE  
SCARLET  
SIZES: (cm)  
16½"(42), 18½"(47),  
20½"(52), 22½"(57)  
SPEEDS: 15

NOT AS TAME AS IT SOUNDS—REMEMBER, THE BADLANDS IS A PARK. THIS ATB STILL GIVES YOU A TREMENDOUS MECHANICAL ADVANTAGE TO TAKE ON ROUGH TERRAIN.

LOADED WITH POPULAR FEATURES, THIS SPIRITED ATB DELIVERS AN AGILE, BALANCED RIDE THAT LIVES UP TO ITS NAME. THE MECHANICAL ADVANTAGE OF BIOPACE CRANKS WILL ADD SERIOUS HILL-CLIMBING ABILITY TO THE MOST CASUAL RIDERS, AND INDEXED SHIFTERS WILL LET THEM USE ALL 18 GEARS. JUNIOR MODEL WITH 24-INCH WHEELS BRINGS FAT-TIRE FUN TO THE YOUNG AS WELL AS YOUNG AT HEART.

## Sportrunner

## Parkrunner

IN MORE CIVILIZED SURROUNDINGS, YOU'LL APPRECIATE HOW ALL THE HEAVY-DUTY FEATURES TRANSLATE INTO TROUBLE-FREE, COMFORTABLE CRUISIN'. ITS WIDE FOOTPRINT AND RELAXED GEOMETRY WILL BOLSTER THE CONFIDENCE OF ALL FIRST-TIME ATB CYCLISTS.



FEATURES:  
SPECIAL STEEL TUBES  
SUNTOUR ACCUSHIFT  
6-SPEED/SINGLE CRANK  
"BAREFOOT" PEDALS  
ALLOY RIMS  
STAINLESS STEEL SPOKES  
CRUISER SADDLE

CRUISER HANDLE BAR  
ALLOY-TOP STEM  
COLORS:  
REGENT RED  
COSMIC BLUE  
SIZES:  
19 1/2" 21" 23"  
LADIES 18"  
SPEEDS: 6



## Sandstorm VI

TO BE ANYMORE LAID-BACK THAN THIS, A BICYCLE WOULD HAVE TO BE A RECUMBANT. EVERYTHING ABOUT SANDSTORM SAYS RELAX: LONG WHEELBASE FOR A SMOOTH, STABLE RIDE, SPRINGS UNDER YOUR SEAT. HANDLE BARS THAT COME UP TO YOU SO YOU DON'T HAVE TO BEND OVER. EVEN SIX CUSHY GEARS YOU CAN POWER WITH YOUR BARE FEET.



READY FOR A NEW CYCLING EXPERIENCE? TAKE A TEST RIDE ON A MIYATA UNICYCLE, THE CHOICE OF CHAMPIONS, PROFESSIONALS—WHOLE FAMILIES! MIYATA SERIES, AVAILABLE IN FOUR FRAME SIZES. COLOR: BLUE.

NOT PICTURED:  
THE MIYATA DX SERIES FEATURES COTTLELESS ALLOY CRANKS, NYLON SADDLE, BMX ALLOY RIM. TWO SIZES. COLOR: CHROME PLATED.

## Unicycles





## Tires

**ATB**  
BUILT TO WITHSTAND MORE PUNISHMENT THAN YOU CAN. WE OFFER A TIRE DESIGN FOR EVERY ATB APPLICATION: FULL OFF-ROAD FAT TRAX WITH NARROW TREAD DESIGN FOR MORE RESPONSIVE HANDLING; IBEX CENTER-RIDGE CITY TIRES FOR A SMOOTH RIDE THAT QUIETLY DISGUISES ITS COUNTRY COUSIN'S TOLERANCE FOR ABUSE.

OFF-ROAD TIRES: 26 x 1.95, 26 x 2.00, 26 x 1.9; IBEX II: 26 x 2.02; CRUISER GSW: 26 x 2.15; 60 PSI.

**TOURING CLINCHERS**  
FINALLY, TOURING TIRES WITH THE HIGH COMFORT OF LOW-PRESSURE TIRES AND THE LOW RESISTANCE OF HIGH-PRESSURE TIRES. OUR DUAL-HARD TREAD DESIGN GIVES YOU BOTH. 80 LBS. OF PRESSURE THAT RIDES LIKE 110 LBS. NYLON-BELTED RADIALS PACKED WITH EXTRA CORDS FOR LONGER TIRE LIFE, LONGER TUBE LIFE, AND MORE PUNCTURE RESISTANCE.

DUAL-HARD TREAD RADIALS: 700 x 32, 27 x 1 1/4; 80 PSI.

**SPORT**  
GREAT VALUE. YOU'LL GET A LOT OF QUALITY FOR A MODERATE PRICE WITH OUR MULTIPURPOSE SPORT CLINCHERS.

SSW, 27 x 1 1/4; GSW, 27 x 1 1/4; 90 PSI.

**TUBULARS**  
GET THE BENEFITS OF LOW WEIGHT, LOW ROLLING RESISTANCE AND LOW PRICE. THESE ITALIAN-MADE TUBULARS BY THE SAME MANUFACTURER OF COLNAGO'S TEAM RACING TIRE ARE THE PERFECT COMPLEMENT TO OUR CUSTOM-WHEEL PROGRAM.

GOMMITALIA BASIC  
GOMMITALIA BIT 300;  
120 PSI

**RACING CLINCHERS**  
THERE'S NO ARGUMENT THAT SMOOTH TIRES GIVE THE LEAST ROLLING RESISTANCE POSSIBLE. AND OURS DO IT WHETHER THE WEATHER'S WET OR DRY. CHOOSE THE NEW TECHNOVA SIPING THAT CHANNELS WATER AWAY FROM THE CONTACT SURFACE, OR THE CENTER-RIDGE TREAD THAT ADDS A BIT MORE GRIP WITH MINIMAL ADDED RESISTANCE, FOR THE FASTEST, SUREST TIRES ROLLING.

NEW TECHNOVA SIPING: 700 x 20, 700 x 25; CENTER-RIDGE #7 TREAD: 700 x 25; 110 PSI

**CYCLOCROSS**  
NEW GENERATION TIRE FOR AN EMERGING CLASS OF BICYCLE COMPETITION AND FUN. THIS HYBRID OF SPORT-TOURING AND ATB GIVES YOU A SENSIBLE BALANCE OF LIGHTNESS, DURABILITY, SPEED AND TRACTION.

CROSS COUNTRY CLINCHER,  
100 x 35; 80 PSI

NOT FEATURED



LYCRA TIGHTS



CYCLING CAPS



AIR BOTTLES



COOL-MAX LYCRA RACING JERSEY

PEARL IZUMI RACING JERSEY



CORDUROY CAPS

# Accessories



COTTON-BLEND GOLF SHIRT



BOTTLES & CAGES



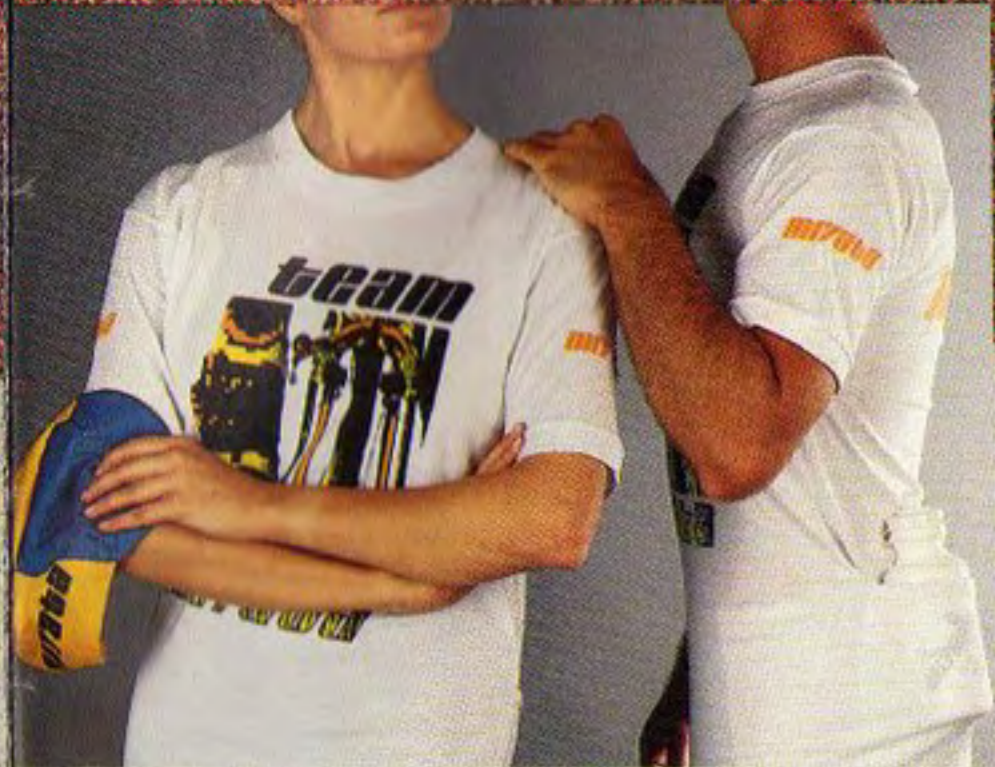
8-PANEL LYCRA CYCLING



SWEAT SHIRT



COTTON T-SHIRT



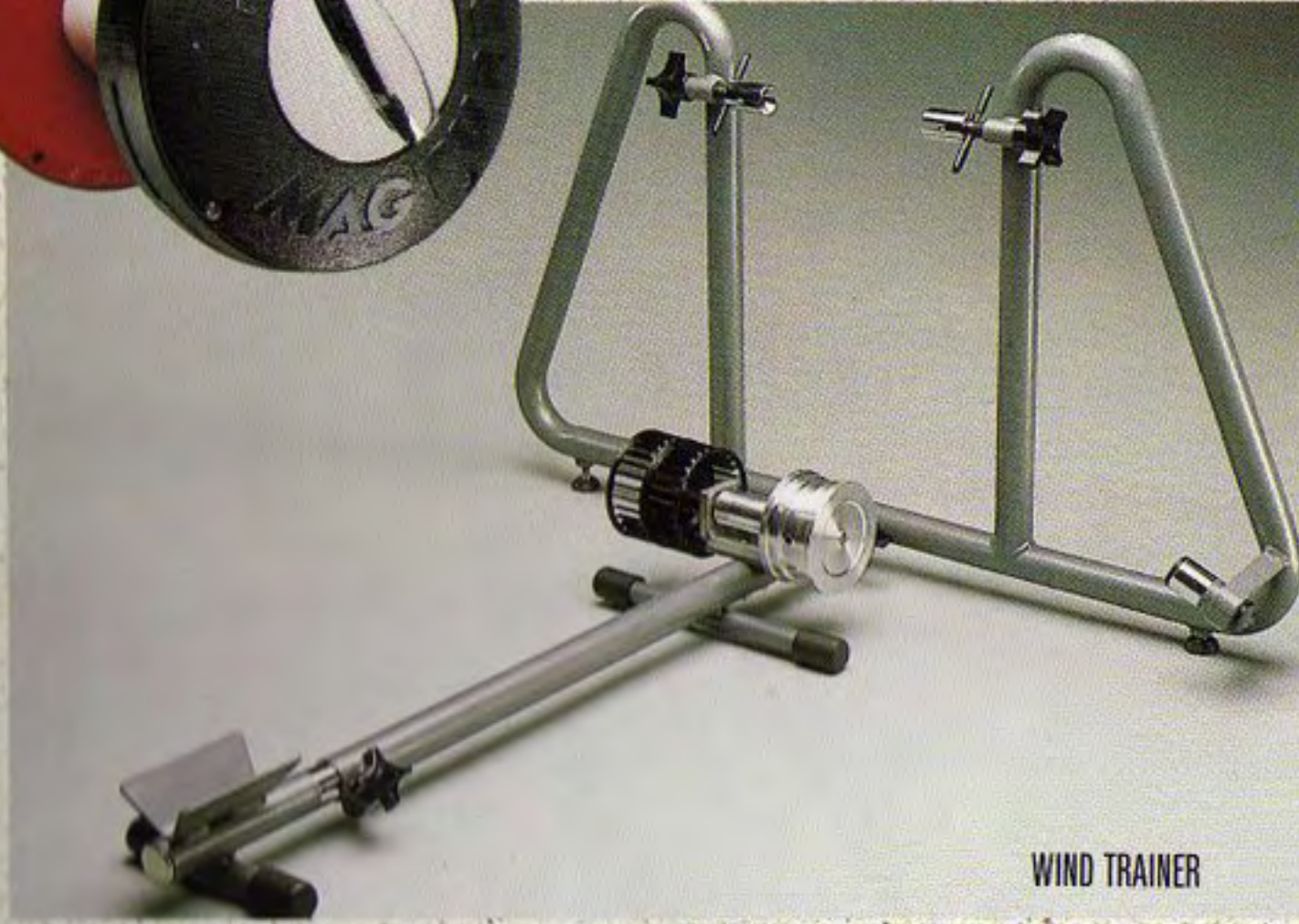
COTTON CYCLING T-SHIRT



LONG-SLEEVE COTTON T-SHIRTS



MAG CASSETTE



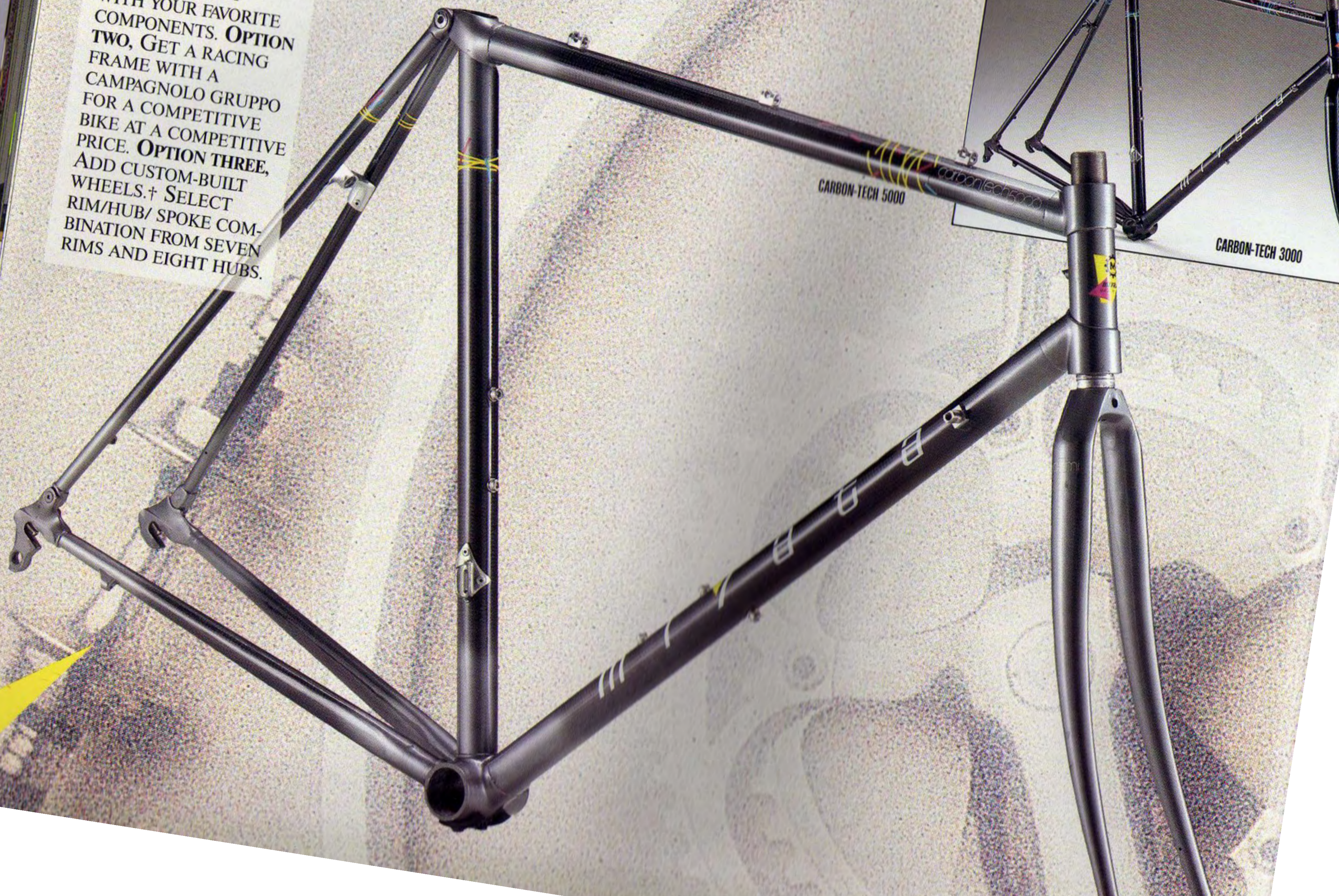
WIND TRAINER



SHOP APRON

# Custom Built

OPTIONS FOR DEMANDING CYCLISTS. **OPTION ONE**, GET THE BEST PRODUCTION FRAME YOU CAN BUY AND BUILD A MIYATA WITH YOUR FAVORITE COMPONENTS. **OPTION TWO**, GET A RACING FRAME WITH A CAMPAGNOLO GRUPPO FOR A COMPETITIVE BIKE AT A COMPETITIVE PRICE. **OPTION THREE**, ADD CUSTOM-BUILT WHEELS. † SELECT RIM/HUB/ SPOKE COMBINATION FROM SEVEN RIMS AND EIGHT HUBS.



CARBON-TECH 5000

CARBON-TECH 3000





TEAM MIYATA



1100a



RIDGE RUNNER TEAM



FRAME-KIT  
COMPONENT OPTIONS:  
CAMPAGNOLO CROCE D'AUNE  
CAMPAGNOLO CHORUS  
CAMPAGNOLO ATHENA

WHEEL PROGRAM  
RIM OPTIONS:  
TX PROFIL ANODIZED, 28/32H  
ALPINE ANODIZED, 32H  
PROFIL 18 ANODIZED, 28/32H  
AUBISQUE ANODIZED, 32H  
GTX ANODIZED, 32H



WHEEL PROGRAM  
HUB OPTIONS:  
SHIMANO DURA ACE  
8-SPEED CASSETTE, 28/32H  
SHIMANO 600 ULTEGRA  
7-SPEED CASSETTE, 28/32H  
CAMPAGNOLO  
CROCE D'AUNE, 28/32H  
CAMPAGNOLO  
CHORUS, 28/32H  
CAMPAGNOLO  
ATHENA, 28/32H



WHEEL PROGRAM  
SPOKE OPTIONS:  
BLADED SPOKES, SS  
14/15 GAUGE SPOKES, SS



+WHEELS CAN BE PURCHASED SEPARATELY

	CARBON FIBER			RACING/COMPETITION/FITNESS						
MODEL	CARBON TECH 7000	CARBON TECH 5000	CARBON TECH 3000	TEAM	1400	1100A	914	718A	512	312
FRAME SIZES	50,52,54,56,58,60,63	50,52,54,56,58,60,63	48,50,52,54,56,58,60,63	50,52,54,56,58,60,63	50,54,56,58,60,63	48,50,52,54,56,58,60,63	50,54,56,58,60,63	48,50,52,54,56,58,60	50,54,56,58,60,63	46,50,54,56,58,60,63,69
FRAME MATERIALS	Super Carbon Frame w/New Reinforcement, Precision cast polished aluminum, head, seat, BB lugs, Forged ends	Super Carbon Frame, Precision cast aluminum lugs, Forged ends	Carbon Fiber Main Tubes, Precision cast aluminum lugs, Aluminum seat & chain stays, Forged ends	Cr-Mo STB Inv. cast lugs, Cr-Mo splined chain stays, Cable through top tube, SHIMANO Forged EF ends	Cr-Mo STB Inv. cast seat lugs, Cr-Mo seat & chain stays, Cable through top tube, H.B. Forged ends	Full Bonded Aluminum, Precision cast aluminum head lug, seat lug, BB shell, Forged ends	Cr-Mo STB Inv. cast seat lugs, Cr-Mo seat & chain stays, Cable through top tube, H.B. Forged ends	Main Tubes: Bonded Aluminum, Precision cast aluminum head lug, seat lug, BB shell, Cable through top tube, w/Carrier base, H.B. Forged ends	Cr-Mo STB, Cable through top tube, MYT-G.T. ends	Cr-Mo STB Down tube, MYT-G.T. ends
FRONT FORK	Alloy crown Alloy blades Alloy Forged ends	Alloy crown Alloy blades Alloy Forged ends	Alloy crown Alloy blades Alloy Forged ends	MC-5 crown Cr-Mo spline U.F. Forged ends	AC-II crown Cr-Mo spline T.F.R. Forged ends	Alloy crown Alloy blades Alloy Forged ends	AC-II crown Cr-Mo spline T.F.R. Forged ends	AC-II Crown Cr-Mo T.F. Forged ends	#525 Crown Cr-Mo T.F. Forged ends	#525 Crown Mangalight T.F. Forged ends
HEAD SET	SHIMANO New Dura Ace HP-7400 Sealed	SHIMANO 600 Ultegra HP-6400 Sealed	TANGE Falcon P-5000 Black Sealed	SHIMANO New Dura Ace HP-7400 Sealed	SHIMANO 600 Ultegra HP-6400 Sealed	TANGE Falcon P-5000 Gray Sealed	TANGE Falcon P-5000 Black Sealed	TANGE ME-S3 Sealed	TANGE Me-S3 Sealed	TANGE R707
DERAILLEURS	SHIMANO New Dura Ace FD-7402 RD-7402 SIS SL-7402	SHIMANO 600 Ultegra FD-6400 RD-6400 SIS SL-6400	SHIMANO New 105 FD-1050 RD-1051 SIS SL-1051	SHIMANO New Dura Ace FD-7402 RD-7402 SIS SL-7402	SHIMANO 600 Ultegra FD-6400 RD-6400 SIS SL-6400	SUNTOUR GPX FD-GP00H RD-GP00 Accushift SL-GP00B	SHIMANO New 105 FD-1050 RD-1051 SIS SL-1051	SHIMANO Exage LX FD-M452 RD-M452GS SIS SL-A452	SHIMANO Exage Action FD-A351 RD-A350 SIS SL-A452	SHIMANO Exage Action FD-A351 RD-A350 SIS SL-A452
CHAIN	SHIMANO New Dura Ace CN-7402	SHIMANO 600 Ultegra CN-6208	SHIMANO 600 Ultegra CN-6208	SHIMANO New Dura Ace CN-7402	SHIMANO 600 Ultegra CN-6208	SUNTOUR GPX CH-GP00	SHIMANO 600 Ultegra CN-6208	SHIMANO CN-UG20	SHIMANO CN-UG20	SHIMANO CN-UG20
CLUSTER	SHIMANO New Dura Ace CS-7400 8-speed Cassette	SHIMANO 600 Ultegra CS-6400 7-speed Cassette	SHIMANO CS-1000 7-speed Cassette	SHIMANO New Dura Ace CS-7400 8-speed Cassette	SHIMANO 600 Ultegra CS-6400 7-speed Cassette	SUNTOUR FW-AL00-07 7-speed	SHIMANO CS-1000 7-speed Cassette	SHIMANO Z-012 6-speed	SHIMANO Z-012 6-speed	SHIMANO Z-012 6-speed
CRANK SET	SHIMANO New Dura Ace FC-7402 Biopace HP w/BB-7400	SHIMANO 600 Ultegra FC-6400 Biopace HP w/BB-6400	SHIMANO FC-1050 Biopace w/BB-1050	SHIMANO New Dura Ace FC-7402 Biopace HP w/BB-7400	SHIMANO 600 Ultegra FC-6400 Biopace HP w/BB-6400	SUNTOUR GPX CW-GP00 w/BB-GP00	SHIMANO FC-1050 Biopace w/BB-1050	SHIMANO LX FC-M452 Biopace (Alloy rings) w/BB-M450	SHIMANO Exage Action FC-A350 Biopace w/BB-A450	SHIMANO Exage Motion FC-A250 Biopace w/BB-K3J
PEDALS	SHIMANO New Dura Ace PD-7401 Clipless type	SHIMANO 600 Ultegra PD-6400 w/Toe clips	SHIMANO New 105 PD-1051 w/Toe clips	SHIMANO New Dura Ace PD-7401 Clipless type	SHIMANO 600 Ultegra PD-6400 w/Toe clips	MKS SLYVAN-LITE GMG w/Toe clips	SHIMANO New 105 PD-1051 w/Toe clips	MKS AR-8 Alloy w/Toe clips	MKS AR-8 Alloy w/Toe clips	MKS PB-100 w/Toe clips
TIRES	Option	MIYATA New TECNOVA 700x20C SSW	MIYATA New TECNOVA 700x20C SSW	Option	MIYATA New TECNOVA 700x20C SSW	MIYATA New TECNOVA 700x20C SSW	MIYATA New TECNOVA 700x20C SSW	MIYATA New TECNOVA 700x20C SSW	MIYATA 700x25c SSW No. 7 Tread	MIYATA 700x25C SSW No. 7 Tread
RIMS	WOLBER Profil 20 SHA Aero 32H	WOLBER TX Profil 20 SHA Aero 32H	WOLBER GTX SHA 36H	WOLBER Profil 20 SHA Aero 32H	WOLBER TX Profil 20 SHA Aero 32H	WOLBER TX Profil 20 SHA Aero 32H	WOLBER GTX SHA 36H	ARAYA SS45 700C Silver 36H	ARAYA SS45 700C Silver 36H	ARAYA SS45 700C Silver 36H
BRAKE SET	SHIMANO New Dura Ace BR-7402 BL-7402 Aero levers	SHIMANO 600 Ultegra BR-6400 BL-6401 Aero levers	SHIMANO BR-1050 BL-1051 Aero levers	SHIMANO New Dura Ace BR-7402 BL-7402 Aero levers	SHIMANO 600 Ultegra BR-6400 BL-6401 Aero levers	SUNTOUR GPX BA-GP00-S BL-GP00 Aero levers	SHIMANO BR-1050 BL-1051 Aero levers	SHIMANO Exage Sport BR-A450 BL-A451 Aero levers	SHIMANO Exage Action BR-A350 BL-A351 Aero levers	SHIMANO Exage Motion BR-A250 BL-A251 Aero levers
HUBS	SHIMANO New Dura Ace HB-7400F w/QR FH-7402 w/QR	SHIMANO 600 Ultegra HB-6400F w/QR FH-6400 w/QR	SHIMANO New 105 HB-1050F w/QR FH-1051 w/QR	SHIMANO New Dura Ace HB-7400F w/QR FH-7402 w/QR	SHIMANO 600 Ultegra HB-6400F w/QR FH-6400 w/QR	SUNTOUR GPX HB-GP00 F&R: QR	SHIMANO New 105 HB-1050F w/QR FH-1051 w/QR	SHIMANO HB-RA50 Alloy F&R: QR	SHIMANO HB-RA50 Alloy F&R: QR	SHIMANO HB-RA50 Alloy F&R: QR
SPOKES	Stainless 14/15GA DB	Stainless 14GA	Stainless 14GA	Stainless 14/15GA DB	Stainless 14GA	Stainless 14GA	Stainless 14GA	Stainless 14GA	Stainless 14GA	14GA
SADDLE	SELLE ITALIA TURBO-SPECIAL w/HO. Leather	SELLE ITALIA TURBO	VETTA Racing GEL	SELLE ITALIA TURBO-SPECIAL w/HO. Leather	SELLE ITALIA TURBO	SELLE ITALIA MUNDIALITA SP Vinyl	VETTA Racing GEL	VETTA MUNDIAL RACE Vinyl	VETTA MUNDIAL RACE Vinyl	VETTA MUNDIAL RACE Vinyl
SEAT PILLAR	SHIMANO New Dura Ace ø25.8x200L	SR CRE-100 ø25.8x230L	SR CRE-100 ø25.8x220L	SHIMANO New Dura Ace ø26.8x200L	STRONG NS-3 ø26.8x230L	SR CRE-100 ø25.8x220L	SR CRE-100 ø26.8x230L	SR CRE-110 ø25.8x230L	SR CRE-110 ø26.8x230L	SR CRE-110 ø26.8x230L
HANDLE BAR	NITTO Mod 55F Alloy	KUSUKI WPB Alloy	SR CTB Alloy	NITTO Mod 55F Alloy	KUSUKI WPB Alloy	KUSUKI WPB Alloy	SR CTB Alloy	SR CTB Alloy	SR CTSD Alloy Center	SR CTSD Alloy Center
HANDLE STEM	NITTO NTC-A Alloy Polished & Anod.	KUSUKI WIN-SIGMA Alloy Polished	SR CLS Alloy Black	NITTO NTC-A Alloy Black	KUSUKI WIN-SIGMA Alloy Black	KUSUKI WIN-SIGMA Alloy Colored	SR CLS Alloy Black	SR CLS Alloy	SR CLS Alloy	SR CLS Alloy
BAR TAPES	Cushion tape	Cushion tape	Cushion tape	Cushion tape	Cushion tape	Cushion tape	Cushion tape	Cushion tape	Cushion tape	Cushion tape
EXTRAS	Air-Bottle basement on down tube	Toe straps, Air-Bottle basement on down tube	Toe straps, Air-Bottle basement on down tube	Air-Bottle basement on down tube	Toe straps, Air-Bottle basement on down tube	Toe straps, Air-Bottle basement on down tube	Toe straps, Air-Bottle basement on down tube	Toe straps, Air-Bottle basement on down tube	Toe straps	Toe straps
WEIGHT	18.5 lbs.	18.5 lbs.	19.5 lbs.	21.4 lbs.	22 lbs.	20 lbs.	22 lbs.	21.5 lbs.	23.5 lbs.	24.5 lbs.
COLOR	Black	Black	Black	Bright Blue/White	True Blue	White/Dark Platinum	Starlight Black	Peacock White/Black	Fire Red/Pure White White	Dark Platinum/Black Apache Blue

SPORTS		TOURING		CROSS		ALL TERRAIN BICYCLES				
112	110	1000LT	618GT	ALUMI-CROSS	TRIPLE-CROSS	SKYRUNNER	RIDGE RUNNER	TERRA RUNNER	TRAIL RUNNER	VALLEY RUNNER
19 1/2", 21", 23", 25"	16" J, 17", 19 1/2", 21", 23", 25", 17" M, 19 1/2" M	50, 54, 57, 60, 63	46, 50, 54, 57, 60, 63	48, 50, 52, 54, 56, 58, 60	46, 50, 54, 56, 58, 60, 63	16 1/2", 18 1/2", 20 1/2", 22 1/2"	16 1/2", 18 1/2", 20 1/2", 22 1/2"	16 1/2", 18 1/2", 20 1/2", 22 1/2"	16 1/2", 18 1/2", 20 1/2", 22 1/2"	16 1/2", 18 1/2", 20 1/2", 22 1/2"
Cr-Mo PG Main tubes, Forged ends	Special Steel tubes, Flat chain stay bridge for kick stand, Forged ends	Cr-Mo STB Inv. Cast seat lug, Cr-Mo seat & chain stays, H.B.W. Forged ends	Cr-Mo STB MYT-G.T. ends	Main Tubes: Bonded Aluminum, Precision cast aluminum head lug, seat lug, BB shell, Cable through top tube, Cr-Mo back, H.B. Forged vertical ends	Cr-Mo STB Cable through top tube, H.B. Forged vertical ends	Full Bonded Aluminum, Precision cast aluminum head lug, seat lug, BB Shell, Forged vertical ends	Cr-Mo STB 3-pc. cable guides on top tube, Cr-Mo seat & chain stays, H.B. Forged vertical ends	Cr-Mo STB 3-pc. cable guides on top tube, H.B. Forged vertical ends	Main Tubes: Bonded Aluminum, Precision cast aluminum head lug, seat lug, BB shell, Cr-Mo seat & chain stays, H.B. Forged vertical ends	Cr-Mo STB 3-pc. cable guides on top tube, H.B. Forged vertical ends
H-79 sloping Cr-Mo w/AH hole Forged ends	FX-300 Crown Hi-Tn Semi-Forged ends	MC-3 Crown Cr-Mo Spline T.L. Forged ends	#525 Crown Mangalight T.L. Forged ends	UNICROWN Cr-Mo T.F. Forged ends	#525 Crown Mangalight T.F. ends	Cr-Mo ø28.6 Oval T.F. Forged ends	Cr-Mo ø28.6 Oval T.F. Forged ends	Cr-Mo ø28.6 Oval T.F. Forged ends	Cr-Mo ø28.6 T.F. Forged ends	Cr-Mo ø28.6 T.F. Forged ends
YST HP-8002GW Sealed	YST HP-66-3	TANGE Nova P-3000 Gray Sealed w/cable hanger	TANGE ME-S3 Sealed w/cable hanger	TANGE Nova P-3000 White Sealed	TANGE ME-S3 Black Sealed	TANGE Falcon P-5000 White Sealed	TANGE Falcon P-5000 White Sealed	TANGE Nova P-3000 Black Sealed	TANGE ME-S3 Sealed	TANGE ME-S3 Sealed
SUNTOUR Blaze 3040 FD-BE34SS RD-BE34SS SIS SL-3040BS	SHIMANO Exage Motion FD-A250 RD-A250 SIS SL-A250 SIS	SHIMANO New Deore II FD-MT62 RD-MT62SGS SIS SL-1051	SUNTOUR XCM 3040 FD-XM34GX RD-XM34GX Accushift SL-BC00 Bar-end shifter	SUNTOUR XCD-6000 FD-XD00GX RD-XD00GX Accushift SL-BC00 Bar-end shifter	SHIMANO Exage Country FD-M250 RD-M250GS SIS SL-M351B	SHIMANO New Deore XT II FD-M732 RD-M732SGS SIS SL-M732	SHIMANO New Deore XT II FD-M732 RD-M732SGS SIS SL-M732	SHIMANO New Deore II FD-MT62 RD-MT62SGS SIS SL-MT62	SUNTOUR XCD-6000 FD-XD00GX RD-XD00GX ACCUSHIFT SL-XD02CH Slim type	SHIMANO Exage LX FD-M452 RD-M452SGS SIS SL-M351B
KMC-Z	KMC UG-Black	SHIMANO New Deore II ON-MT62	SUNTOUR TZ6000	SUNTOUR TZ6000	SHIMANO CN-UG20	SHIMANO New Deore XT II CN-732	SHIMANO New Deore XT II CN-732	SHIMANO New Deore II CN-MT62	SUNTOUR GPX CH-GP00 Narrow	SHIMANO CN-UG20
SUNTOUR FW-ALOO-R6 6-speed	SHIMANO Z-012 6-speed	SHIMANO New Deore II CS-MT62HG 7-speed Cassette	SUNTOUR FL-ALOO-R6 6-speed	SUNTOUR FW-ALOO-R6 6-speed	SHIMANO Z-012 6-speed	SHIMANO New Deore XT II CS-732 HG 7-speed Cassette	SHIMANO New Deore XT II CS-732 HG 7-speed Cassette	SHIMANO New Deore II CS-MT62 HG 7-speed Cassette	SUNTOUR FW-XCOO-U7 7-speed Cassette	SHIMANO CS-1000 6-speed Cassette
SUNTOUR Blaze 3040 CW-BE34 Oval Tech w/BB-651	SHIMANO Exage Motion FC-A250 Biopace w/YST-651	SHIMANO New Deore FC-MT60 Biopace HP w/BB-MT60	SUNTOUR XCM 3040 CW-XM34 Oval Tech Black rings w/BB-XM34	SUNTOUR XCD-6000 CW-XD00 Cycloid w/BB-FRS	SHIMANO Exage Country FC-M250 Biopace w/BB-K3J	SHIMANO New Deore XT FC-M730 HP R-O-O type Black rings w/BB-M730	SHIMANO New Deore XT FC-M730 HP R-O-O type Black rings w/BB-M730	SHIMANO New Deore FC-MT60 HP Biopace w/BB-MT60	SUNTOUR XCD-6000 CW-XD00 Cycloid R-O-O type w/BB-FRS	SHIMANO Exage Mountain FC-M450 Biopace w/BB-M450
HTI 868 Resin w/Toe clips	HTI 868 Resin	SR SP-155 Sealed w/Toe clips	SR SP-155 w/Toe clips	SR MTP-126 Alloy w/Toe clips	MKS XCE-4050 w/Toe clips	SHIMANO New Deore XT PD-M731 w/Toe clips	SHIMANO New Deore XT PD-M731 w/Toe clips	SHIMANO New Deore PD-MT60 w/Toe clips	SUNTOUR XCE 4050 w/Toe clips	MKS G-6000
KENDA K-152 27x1 1/8 SSW	KENDA K-152 27x1 1/8 GSW	MIYATA Radial 700x32C SSW	MIYATA Radial 700x32C SSW	IRC CROSS-COUNTRY 700x35C SSW	IRC CROSS-COUNTRY 700x35C SSW	MIYATA 26x1.95	MIYATA 26x1.95	MIYATA 26x1.95	MIYATA IBEX-II 26x2.00	MIYATA IBEX-II 26x2.00
ARAYA SP-20 Alloy	ARAYA SP-20 Alloy	UKAI LA-14 700C 36H Black/Silver	ARAYA Model 18 36H/40H	WOLBER GTX 700C SHA 36H	ARAYA SS45 700C Silver 36H	WOLBER AT-20 SHA 36H	WOLBER AT-20 SHA 36H	ARAYA New RM-20 Narrow type Silver 36H	ARAYA RX-7 Silver 36H	ARAYA MP-22 Silver 36H
DIACOMPE BA-BE34 BL-07 Aero levers	SHIMANO Exage Motion BR-A250 BL-A251 Aero levers w/Ext. levers	SHIMANO New Deore II BR-MT62 Canti. BL-1050 levers	DIACOMPE DC-983D Canti. DC-2040C levers	SUNTOUR XCD-6000 BA-XD20 Canti. BA-ED45 Aero levers	SHIMANO Exage BR-M250 F&R: Canti. BL-M350B levers	SHIMANO New Deore XT II BR-M732 Canti. BL-M733 2-finger lever	SHIMANO New Deore XT II BR-M732 Canti. BL-M733 2-finger lever	SHIMANO New Deore II BR-MT62 Canti. BL-MT63 2-finger lever	SUNTOUR XCE 4050 BA-XE45-C Canti. DC-292 Compact levers	SHIMANO Exage BR-M454 Canti. BL-M350-B levers
JOI YU JY-851 w/QR JY-852 w/QR Alloy	KK KK-105 w/QR KK-106 w/Nut Steel	SHIMANO New Deore II HB-MT60F w/QR FH-MT62 w/QR	SANSIN RE-60 Sealed F&R: QR	SANSIN CE-60S w/Sealed Bearing F&R: QR	SHIMANO HB-RA50 Alloy F&R: QR	SHIMANO New Deore XT II HB-M730 w/QR FH-M732 w/QR	SHIMANO New Deore XT II HB-M730 w/QR FH-M732 w/QR	SHIMANO New Deore II HB-MT60 w/QR FH-MT62 w/QR	SUNTOUR XCD-6000 HB-XD00 w/QR FH-XD10-U7 w/QR	SHIMANO Exage HB-RM50 w/QR FH-RM50 w/QR
14GA	14GA	Stainless 14GA	14GA	Stainless 14GA	14GA	Stainless 14GA	Stainless 14GA	Stainless 14GA	Stainless 14GA	Stainless 14GA
VETTA MUNDIAL RACE Vinyl	VELO VL-156 Vinyl	VETTA ATB GEL	SELLE ROYAL Anatomic Vinyl	VETTA Racing GEL	VETTA ATB Vinyl	SELLE ITALIA TURBO	SELLE ITALIA TURBO	VETTA Racing GEL	VETTA ATB GEL	VETTA ATB Vinyl
KALLOY SP-200 Alloy ø26.4x230L	Steel ø25.8x200L	SR CLE-100 ø26.8x220L	SR SRE-105 ø26.8x200L	SR CRE-110 ø25.8x230L	SR SRE-105 ø26.8x200L	SR MTE-300 HGZ ø26.8x300L	SR MTE-300 HGZ ø26.8x300L	SR MTE-300 ø26.8x300L	SR MTE-300 ø26.8x300L	SR MTE-300 ø26.8x300L
DR-8B Steel c/p Alloy Center	DR-8B Steel c/p Alloy Center	SR RND Alloy	SR RND Alloy	SR CMB-200 Alloy	SR MTB-320 520mm Steel Black	NITTO B-850LT 520mm Alloy Black	NITTO B-850LT 520mm Alloy Black	SR MTB-220 520mm Alloy Black	SR MTB-220 520mm Alloy Black	SR MTB-324 580mm Steel Black
KALLOY KA Alloy	KALLOY KA Alloy	SR CLS Alloy Black	SR CLS Alloy	SR MTS-P300 Alloy Black w/Pulley	SR MTS-P300 Alloy Black w/Pulley	NITTO MT-54BB Cr-Mo Black w/Pulley	NITTO MT-54BB Cr-Mo Black w/Pulley	SR MTS-P300 Alloy Black w/Pulley	SR MTS-P300 Alloy Black w/Hole	SR MTS-300 Alloy Black w/Hole
Cushion tape	Cushion tape	Cushion rubber grip	Cushion rubber grip	Cushion tape	PAHLI PG-318	PAHLI PG-318	PAHLI PG-318	PAHLI PG-318	PAHLI PG-318	PAHLI PG-318
Toe straps		Alloy Carrier (Black), Toe straps, Air-Bottle basement	Alloy Carrier (Black), Toe straps, Chain stay protector	Toe straps, Seat Quik-Pin, Carrier basement, Air-Bottle basement	Toe straps, Seat Quick-pin Carrier basement	Toe straps, Chain stay protector	SHIMANO Shark fin, SANSIN Seat QR, Toe straps	SHIMANO Shark fin, SANSIN Seat QR, Toe straps	SANSIN Seat QR, Toe straps, Chain stay protector	SANSIN Seat QR, Chain stay protector
25.5 lbs.	26.5 lbs.	26.5 lbs.	26.5 lbs.	21.5 lbs.	23.5 lbs.	25.5 lbs.	27 lbs.	28 lbs.	27.5 lbs.	28 lbs.
Cosmic Blue/Pure White Sterling Black	Silver Flake Pure White/Scarlet	Metallic Smoke	Cosmic Blue	White	Daybreak Blue	Passion Purple	Bright Blue/White	Parakeet	White	Plum Crazy Scarlet/Black

PATH RUNNER	COUNTRY RUNNER	SPORT RUNNER	PARK RUNNER	SANDSTORM VI	MODEL
16 1/2", 18 1/2", 20 1/2", 22 1/2", 24 1/2"	16 1/2", 18 1/2", 20 1/2", 22 1/2", 16"L	16" J, 16 1/2", 18 1/2", 20 1/2", 22 1/2", 16"L	16", 18", 20", 22", 16"L	19 1/2", 21", 23", 18"L	FRAME SIZES
Cr-Mo STB down tube, Fast-back seat stays, Forged ends	Cr-Mo STB down tube, Fast-back seat stay, Forged ends	Cr-Mo STB down tube, Fast-back seat stay, Forged ends	Special steel tubes, Fast-back seat stay, Flat chain stay bridge for kick stand, Pressed ends	Special steel tubes, Forged ends	FRAME MATERIALS
Cr-Mo ø28.6 Oval Invest. ends	Cr-Mo ø28.6 Forged ends	Hi-Tn ø28.6 Semi-forged ends	Hi-Tn ø28.6 Semi-forged ends	Hi-Tn BMX style Slant ends	FRONT FORK
Y.S.T. HP-8002GW Sealed	Y.S.T. HP-8002GW Sealed	Y.S.T. HP-662KW w/Sealed top nut	YST HP-662KW w/Sealed top nut	YST HP-8201	HEAD SET
SHIMANO Exage Mountain FD-M451 SIS RD-M450GS SIS SL-M451A	SHIMANO Exage Trail FD-M351 RD-M350GS SIS SL-M351B	SHIMANO Exage Country FD-M250 RD-M250 GS SIS SL-M250	SHIMANO FD-AX55 GS RD-R552 GS SIS SL-MS52 SIS	SUNTOUR RD-3040SS SL-3040 ACCUSHIFT	DERAILLEURS
KMC UG-Black	KMC UG-Black	KMC UG-Black	KMC UG-Black	KMC-Z	CHAIN
SHIMANO CS-1000 6-speed Cassette	SHIMANO Z-012 6-speed	SHIMANO Z-012 6-speed	SHIMANO Z-012 5-speed	SUNTOUR FW-A100-R6 6-speed	CLUSTER
SHIMANO Exage Mountain FC-M450 Biopace w/BB-M450	SHIMANO Exage Trail FC-M350 Biopace w/BB-M450	SHIMANO Exage Country FC-M250 Biopace w/BB-M250	SR CTC-T532 w/BB-651	One-Piece Crank	CRANK SET
VICTOR VP-867 Alloy w/Steel cage	VICTOR VP-866 Resin w/Steel cage	VICTOR VP-870 Resin	VICTOR VP-870 Resin	HTI 871 Rubber	PEDALS
KENDA K-89 SSW 26x2.02	KENDA K-89 SSW 26x2.02	KENDA K-87 SSW 26x1.9	KENDA K-87 GSW 26x1.9	CHENG SHIN C-840P 26x2.00 GSW	TIRES
ARAYA MP-22 Silver 36H	ARAYA MP-22 Silver 36H	ARAYA MP-22 Silver 36H	CMC HE-8 Steel CP 36H	ARAYA MP-22 Silver	RIMS
SHIMANO Exage BR-M454 Canti. BL-M451-A levers	SHIMANO Exage Trail BR-M350 Canti. BL-M350-B levers	SHIMANO Exage Country BR-M250 Canti. BL-M250 levers	CHAN STAR 880A Canti. 383P levers (w/hoods)	CHANG STAR 1020AFR 380AFR levers	BRAKE SET
SHIMANO Exage HB-M450 w/QR FH-M450 w/QR	JOI YU JY-851 w/QR JY-852 w/QR Alloy	JOI YU JY-851 w/QR JY-854 w/Nut Alloy	KK KK-322 w/QR KK-106 w/Nut Steel	KK KK-322 w/Nut KK-106 w/Nut	HUBS
Stainless 14GA	14GA	14GA	14GA	Stainless 14GA	SPOKES
VETTA ATB Vinyl	VETTA ATB Vinyl	VELO VL-152	VELO VL-152	VISCOUNT Cruiser Saddle	SADDLE
KALLOY SP-242 ø26.0x300L	KALLOY SP-200 ø26.0x300L	KALLOY SP-200 ø26.0x300L	Steel C/P Half Serrate ø25.4x300L	Steel C/P ø25.4x300L	SEAT PILLAR
DHM MTB-110 580mm Alloy	DHM MTB-110 580mm Steel C/P	DHM-14 655mm Steel C/P	DHM-04-1 655mm Steel C/P	Steel Cruiser Bar	HANDLE BAR
HSIN LUN HPS Colored w/Pulley	HSIN LUN HS Colored w/Hole	HSIN LUN MTS-1201 Alloy w/Hole	KALLOY AL-222 Alloy Colored	KMX-106 Alloy top	HANDLE STEM
MIEN ROOM MR-366S	MIEN ROOM MR-366S	MIEN ROOM MR-366S	MIEN ROOM MR-366	MIEN ROOM MR-367S	BAR TAPES
JY-101 Seat QR, Chain stay protector	JY-101 Seat QR, Chain stay protector	JY-101 Seat QR, Chain stay protector	AH Seat pin, Chain stay protector		EXTRAS
29.5 lbs.	29.9 lbs.	30.5 lbs.	31.2 lbs.	36 lbs.	WEIGHT
Apache Blue/Black	Dark Platinum/Black Bright Blue	White/Dark Platinum True Blue	Silver Shadow/Pure White/Scarlet	Cosmic Blue	COLOR

# Frames

## CARBON-TECH 5000

FRAME MATERIALS: MIYATA SUPER CARBON FIBER MAIN TUBES, SEAT AND CHAIN STAYS. PRECISION-CAST ALUMINUM LUGS. MIYATA ALLOY FORGED ENDS. EXCLUSIVE APA BONDED. FRONT FORK: MIYATA APA BONDED ALUMINUM WITH CR-MO STEM. MIYATA ALLOY FORGED ENDS. HEAD SET: ITALIAN SIZE. OVERLOCK NUT DIMENSIONS: (F) 100 mm, (R) 126 mm. BOTTOM BRACKET: ENGLISH THREAD, WIDTH 68 mm. SEAT POST DIAMETER: 26.8 mm. PARTS: AH SEAT PIN. REAR-END ADJUSTING SCREWS. AH BOLTS ON BOTTLE BASEMENTS. COLOR: BLACK. BRAZE-ONS: CAMPAGNOLO-STYLE SHIFTER BASEMENT ON DOWN TUBE AND SEAT TUBE. BOTTLE BASEMENTS ON DOWN TUBE AND SEAT TUBE. 3-POINT CABLE GUIDE ON TOP TUBE. CABLE GUIDES ON BB SHELL. BRAKE BASEMENT ON REAR BRIDGE. AIR-BOTTLE BASEMENT ON DOWN TUBE.

## CARBON-TECH 3000

FRAME MATERIALS: MIYATA SUPER CARBON MAIN TUBES. 6000-SERIES ALUMINUM SEAT AND CHAIN STAYS. MIYATA ALLOY FORGED ENDS. EXCLUSIVE APA BONDED. FRONT FORK: MIYATA APA BONDED ALUMINUM WITH CR-MO STEM. MIYATA ALLOY FORGED ENDS. HEAD SET: ITALIAN SIZE. OVERLOCK NUT DIMENSIONS: (F) 100 mm, (R) 126 mm. BOTTOM BRACKET: ENGLISH THREAD, WIDTH 68 mm. SEAT POST DIAMETER: 26.8 mm. PARTS: AH SEAT PIN. REAR-END ADJUSTING SCREWS. AH BOLTS ON BOTTLE BASEMENTS. COLOR: NATURAL GRAY. BRAZE-ONS: CAMPAGNOLO-STYLE SHIFTER BASEMENT ON DOWN TUBE AND SEAT TUBE. BOTTLE BASEMENTS ON DOWN TUBE AND SEAT TUBE. 3-POINT CABLE GUIDE ON TOP TUBE. CABLE GUIDES ON BB SHELL. BRAKE BASEMENT ON REAR BRIDGE. AIR-BOTTLE BASEMENT ON DOWN TUBE.

## TEAM MIYATA

FRAME MATERIALS: CR-MO TRIPLE-BUTTED SPLINED TUBING. CR-MO SEAT AND CHAIN STAYS. MIYATA INVESTMENT-CAST LUGS. SHIMANO EF ENDS. FRONT FORK: CR-MO SPLINE TUBING, CAST CROWN. SHIMANO UF ENDS. HEADSET: ITALIAN SIZE. OVERLOCK NUT DIMENSION: (F) 100 mm, (R) 130 mm (8-speed size). BOTTOM BRACKET: ENGLISH THREAD, WIDTH 68 mm. SEAT POST DIAMETER: 26.8 mm. PARTS: AH SEAT PIN. REAR END ADJUSTING SCREWS. AH BOLTS ON BOTTLE BASEMENTS. COLORS: TEAM BLUE/WHITE. BRAZED-ONS: CAMPAGNOLO STYLE SHIFTER BASEMENTS ON DOWN TUBE. BOTTLE BASEMENTS ON DOWN TUBE AND SEAT TUBE. CABLE GUIDES ON BOTTOM BRACKET SHELL. BRAKE BASEMENT ON REAR BRIDGE. CHAIN HOOK ON SEAT STAY. AIR-BOTTLE BASEMENT ON DOWN TUBE. NUMBER PLATE BASEMENT ON TOP TUBE. PUMP PEG ON HEAD TUBE. (REAR BRAKE CABLE THRU TOP TUBE.)

## 1100a

FRAME MATERIALS: 6000-SERIES ALUMINUM MAIN TUBES, SEAT AND CHAIN STAYS. PRECISION-CAST ALUMINUM HEAD LUG, SEAT LUG AND BB SHELL. MIYATA ALLOY FORGED ENDS. EXCLUSIVE APA BONDED. FRONT FORK: MIYATA APA BONDED ALUMINUM WITH CR-MO STEM. MIYATA ALLOY FORGED ENDS. HEADSET: ITALIAN SIZE. OVERLOCK NUT DIMENSION: (F) 100 mm (R) 126 mm. BOTTOM BRACKET: ENGLISH THREAD, WIDTH 68 mm. SEAT POST DIAMETER: 26.8 mm. PARTS: AH SEAT PIN. REAR-END ADJUSTING SCREWS. AH BOLTS ON BOTTLE BASEMENTS. COLORS: WHITE/DARK PLATINUM. BRAZED-ONS: CAMPAGNOLO-STYLE SHIFTER BASEMENTS ON DOWN TUBE. BOTTLE BASEMENT ON DOWN TUBE AND SEAT TUBE. AIR-BOTTLE BASEMENT ON DOWN TUBE. CABLE GUIDES ON BOTTOM-BRACKET SHELL. BRAKE BASEMENT ON REAR BRIDGE. (REAR BRAKE CABLE THRU TOP TUBE.)

## RIDGE RUNNER

FRAME MATERIALS: CR-MO TRIPLE-BUTTED SPLINED TUBING. CR-MO SEAT AND CHAIN STAYS. SHIMANO SF-22 ENDS. FULLY-LUGGED FRAME. FRONT FORK: ROUND, OVAL, ROUND. TF FORGED ENDS. HEADSET: ITALIAN SIZE. OVERLOCK NUT DIMENSION: (F) 100 mm, (R) 130 mm. BOTTOM BRACKET: ENGLISH THREAD, WIDTH 70 mm. SEAT POST DIAMETER: 26.8 mm. PARTS: AH BOLTS ON BOTTLE BASEMENT AND RACK MOUNTS. COLORS: TEAM BLUE/WHITE. BRAZED-ONS: CANTILEVER BRAKE BOSSES. BOTTLE BASEMENTS ON DOWN TUBE AND SEAT TUBE. CABLE GUIDE ON BOTTOM BRACKET SHELL. CARRIER BRACKET ON SEAT STAY. FENDER BOSSES. PUMP PEG.



### The Miyata Bicycle Warranty

A. Miyata bicycle frames and front forks are warranted to be free from defect in materials and workmanship under normal use of the bicycle for the lifetime of the bicycle, except in cases specified in Warranty Exclusions.

B. Miyata warranties, for one year from date of sale, all parts except wearing parts (tires, tubes, cables, grips, spokes, bar tapes, brake pads, toe clips, straps, small screws and nuts), frame and fork. This does not include items specified in the Warranty Exclusions.

C. During the warranty period, all parts, as determined by Miyata, found to be defective in workmanship or material will be repaired or replaced free of charge, except for shipping and dealer labor charges (if applicable). This applies to parts, frame and front fork.

D. Return of the Warranty registration card to Miyata is a condition precedent to coverage under this warranty. The warranty registration card must be returned to Miyata to validate warranty.

#### How to Claim Warranty

A. All claims made under this warranty must be made through an authorized Miyata dealer during the relevant warranty period. To obtain warranty service, the owner must return the defective bicycle to an authorized Miyata

dealer for inspection with the sales receipt (or other evidence showing the date of purchase) and the owner record in the owner's handbook or owner's manual.

B. If the original dealer is no longer available or is inconveniently located, the name of the authorized dealer nearest to you can be obtained from Miyata whose address is stated below.

#### Warranty Exclusions

A. This warranty covers only the original retail purchaser of the bicycle and is not transferable.

B. This warranty does not cover failure due to accident, abuse, misuse, neglect, normal wear and tear, normal paint fading or chrome rust, improper assembly, improper fit, improper maintenance or use of unauthorized replacement parts.

C. This warranty does not cover any personal injuries, damage or failure of bicycle if used in any competitive event, including bicycle racing, bicycle motocross, stunt or similar activities or when used in training for the same. Motors or other accessories inconsistent with the use intended by Miyata will negate this warranty.

D. This warranty is expressly in lieu of any other warranty and any implied warranty of merchantability or fitness for any purpose is limited in duration to the

duration of this express warranty. Miyata shall not be responsible for any consequential or incidental damages.

E. Some states do not allow limitation on how long implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

F. This warranty does give you specific legal rights, and you also may have other rights which vary from state to state.

G. This warranty does not cover failure due to unlawful acts. H. Failure to maintain Miyata-requested periodic inspections may invalidate this warranty if such failure can be shown to have contributed to the warranty problem.

I. This warranty is void when the bicycle is used by many and unspecific persons such as rent-a-bicycle businesses.

J. This warranty does not cover failure due to earthquake, lightning, fire, flood, public hazard, and man-made or natural calamity.

K. This warranty does not cover natural phenomena which result from operation of the bicycle, such as vibrations or sounds.

L. This warranty is void when items outlined in the "Owner's Responsibilities" section are not observed.

## Warranty

AUTHORIZED DEALER

# MIYATA



OXFORD BICYCLES OF CANADA INC.

57 GLEN CAMERON ROAD, UNIT 4  
THORNHILL, ONTARIO, CANADA L3T 1P3

## MIYATA

TOLL FREE 1-800-263-5891

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