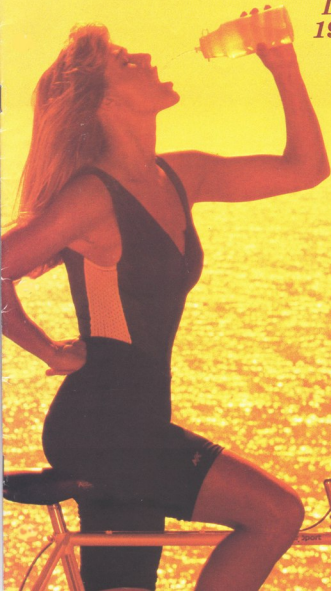


SCHWINN
*Lightweight
1985 Catalog*



Sport

INNOVATION FROM EXPERIENCE:



When Ignaz Schwinn built the first Schwinn bicycle in 1895, its design represented the pinnacle of bicycle engineering and manufacture available at the time. Yet its cost

was no more than that of an average bicycle. This remarkable combination was achieved as a result of Mr. Schwinn's belief that he could apply innovative techniques to bicycling manufacturing, which he had developed through his lifelong experience as a rider, builder and lover of bicycles.

This philosophy of innovation from experience was Mr. Schwinn's legacy. Through the years, four generations of Schwinn's have embraced the concept that was born over 85 years ago.

The result—a philosophy that is reflected throughout the Schwinn organization. Indeed, all of Schwinn's staff, from President to Assistant Product Managers, have extensive experience in all aspects of cycling. From that experience springs the innovation that has made Schwinn a leader for about a century.

THE POWER OF AN IDEA

Over the years, Schwinn has revolutionized bicycle design, time after time after time. For example; Schwinn:

- made quick hub releases safer with its patented hub retention device.
- introduced brake extension levers.
- designed stainless steel Century dropouts.
- invented the raised center-ridge Le Tour tire.
- invented Dual Hard™ tires, with 4 times longer wear, better cornering and stopping than ordinary tires.
- pioneered the use of chrome-moly tubing and alloy rims on moderately priced bicycles.
- sells more high performance, affordable bicycles than any other bike company.
- offers Columbus tubing—the best in the world—on a wider range of bicycles than any other bike company.

CYCLING: THE BUSINESS OF PLEASURE

Schwinn has long held the belief that only a true cycling enthusiast can understand

the needs and wants of other cyclists.

As a result, the staff is comprised of individuals who were dedicated to the sport long before they turned to the business of cycling. Schwinn staff members ride, tour and support cycling activities all over the nation, as well as competing in races. In fact, competitive racing licenses are currently held by members of the Engineering, Marketing and Product Development staffs. (Even Edward R. Schwinn, Jr., the President and Chief Operating Officer, regularly rides.)

This dedication to the pleasures of cycling pays off in the business of designing bicycles. Valuable design input, based on actual experience is received from virtually all areas of the organization. Each product innovation, from component to frame, has its basis in reality because the people who design Schwinn bicycles ride Schwinn bicycles.



1984—Megal Bismark, "The Wall"

A DAY AT THE RACES

Actually, it's ten days and 1000 miles. That's the Coors Classic—the premier cycling event in America. And it's the Schwinn Pro-Am Cycling Team's most grueling testing ground.

The Coors Classic is where Team Schwinn races the bicycles with the innovations that will later appear on production bikes. The competition is fierce, the course brutal. Design integrity here means years of trouble free performance under normal stress. That's important to Team Schwinn.

So is winning. They placed in the top three in both the 1983 and 1984 Coors Classics, riding custom designed racing bikes from Schwinn's Paramount Design Group.

THE **SCHWINN** PHILOSOPHY

DESIGNED IN WISCONSIN—THE STATE OF THE ART

Waterford, Wisconsin is the home of the country's most advanced bicycle design and manufacturing facility, Schwinn's Paramount Design Group. Here the state-of-the-art Paramount frame and fork sets are



hand-made for the Schwinn Racing Team. Cutting-edge componentry and frame geometries are married in ultra-rigid, feather light custom bicycles. Some go to the race

track, others to the test track, many others are destined for Schwinn dealers across the country.

Many of these bicycles are experimental and not for sale. Others are clearly not for everyone. Yet many of their features can be found improving the performance of Schwinn bicycles throughout the line.

HIGH TECHNOLOGY DISCOVERS SCHWINN QUALITY CRAFTSMANSHIP

To the uninitiated, Schwinn's facility in Mississippi might appear to be a typical bicycle assembly line. Nothing could be further from the truth.

Although many thousands of Schwinn bicycles are built here in any given month, the quality and integrity of their construction is unsurpassed.

This is achieved by combining the latest manufacturing techniques with individual craftsmanship of the highest order. Each bicycle is subject to rigorous quality control measures that previously could only be found in custom bikes.

This results in bicycles designed and built with the same technology and craftsmanship ordinarily found in bicycles costing twice as much.

BUILT TO LAST. LAST, BECAUSE SCHWINN TESTS THEM FIRST.



Progressive design is worth little if it is unable to withstand the rigors of everyday use. Schwinn goes to great lengths to keep its

bicycles rolling longer. Bicycles are picked at random as they are assembled for quality control testing. A battery of laboratory torture tests simulates years of actual use.

Rims are bumped thousands of times on rollers that recreate the impact of a curb.

Frames are dropped repeatedly from a substantial height. Derailleurs are shifted incessantly to ensure smooth operation.

Bicycles have even been tested in a wind tunnel to check drag coefficients.

A NATIONWIDE COMMITMENT TO EXCELLENCE.



Still another innovation exclusive to Schwinn does not appear on the specifications. It is neither frame nor component, but it will add immeasurably to the enjoyment of a Schwinn.

It is the nationwide Schwinn dealer network, and it is your assurance that you will be completely satisfied with your bicycle.

Each Schwinn dealer knows and loves bicycles, especially Schwinn's. They will assist in the selection of the proper bike, adjust the fit to you, install any accessories, offer free set up and 30-day tune up, and perform warranty service regardless of place of purchase.

The Schwinn dealer network is perhaps the ultimate example of the Schwinn Philosophy, Innovation through Experience.

QUALITY FROM ENGINEERING:

All Schwinn bicycles are designed with one feature in common: quality. The kind of quality that can only be achieved by combining the best materials with innovative, effective engineering.

The end result is a bicycle that has been anatomically designed to fit the individual, using reliable components that add to comfort and safety.

Different cyclists have different expectations of a bicycle and Schwinn has engineered a variety of machines to meet those expectations.

Each of them is designed by Schwinn, with features that offer unsurpassed quality from engineering.

THE HEART OF THE MATTER.



At the heart of any bicycle is the frame. Its design is critical to the performance and stability a bicycle exhibits in its intended use.

Schwinn recognizes that cyclists come in a variety of shapes and sizes. That variety has been addressed by designing frames ergonometically to correspond to the shape and movements of the human body.

Schwinn offers different frame designs on all models in enough variety to properly fit even the exceptionally tall or short cyclist, whatever the intended use.

For example, **racing bicycles** are designed with shorter wheelbases for incredible responsiveness and tighter geometry for maximum power transmission. They are quicker but less shock absorbing than touring and recreational bicycles.

Touring bicycles are designed with longer wheelbases for comfort over long distances and softer, more stable geometry for control with loaded touring bags.

Recreational bicycles feature a unique combination of geometries to provide both responsiveness and comfort.

A FEW WORDS ON TUBING—STRONG, FAST AND LIGHT.

Tubing makes the frame design a reality, and the quality of the tubing

invariably reflects the quality of the frame. Strength and lightness are the standards by which tubing is measured and Schwinn uses only the best.



Double-butted chrome-moly tubing provides superior lightness and strength to most of Schwinn's

lightweight frames.

Other Schwinn's utilize Columbus double-butted tubing, recognized as the finest tubing available and used by more custom framebuilders around the world than any other.

And Schwinn uses this state-of-the-art Columbus tubing on more bicycles than any other bike company.

Braze-ons. Unlike other bike companies, Schwinn takes the time to braze on important comfort and safety features directly onto the frame. These include:

- brake cable guides
- derailleur cable guides and stops
- water bottle studs
- pump pegs

COMPONENTS: WHAT'S IN A NAME?

Componentry breathes life into a bicycle, and Schwinn has known for years that only the best is acceptable. Schwinn engineers are constantly kept abreast of the latest designs from Europe, Japan and the United States. Hundreds of components are tested and rejected before any component is selected for use on a Schwinn bicycle.

Schwinn engineers work with top manufacturers like Avocet, Cinelli, Maillard, SunTour, Shimano and DiaCompe to ensure the best performance in a particular application.



Saddles: The majority of Schwinn bicycles feature anatomically designed saddles for long distance comfort and safety.

The more sophisticated bicycles utilize the superb Avocet saddles ridden by top racer Greg LeMond. These saddles have proven to be the most comfortable and efficient available.

THE SCHWINN DESIGN

Bearings: Schwinn uses the latest sealed mechanism bearings, as well as sealed hubs, headsets and bottom brackets.

Schwinn engineers have found that these components lock in lubricants while locking out dirt and moisture. Result: reduced maintenance and high reliability.



Wheels: Schwinn pioneered the use of light alloy rims to improve performance on moderately priced bicycles.

Today, that heritage continues with the addition of stainless steel spokes for continued good looks and durability.

Touring bicycles feature 40-spoke rear wheels with wider tires for stability and durability under loads.

Racing bikes are fitted with 32 or 36-spoke hubs for lightness, as well as narrower rims and tires for reduced rolling resistance.

Tires: Tires have long been a prime example of Schwinn quality from engineering. Schwinn invented the raised center ridge tire that has become the industry standard.

Now, on many bicycles, Schwinn offers the breakthrough Dual Hard™ tire which offers longer life, and better performance on both wet and dry surfaces than ordinary tires.

Brakes: Schwinn has learned that to remain in the cyclist's control, a bicycle's brakes must be at least equal to its acceleration. The faster the bicycles, the better the quality of the brakes is the design team's rule of thumb.

As such, Schwinn fits only high quality alloy brakes—the best available. These are combined with special lined cables for smoother, trouble free cable run, gum rubber hoods for comfort, tire guides to preserve brake adjustment, and cantilevers for extra stopping power on touring bikes.

Cranks and Derailleurs: Just as the frame must be correctly designed to suit its intended purpose, so must the cranks and derailleurs be chosen with an eye towards efficient power transmission.

Many Schwinn bicycles are fitted with aerodynamically profiled and anatomically sized cranks that translate every ounce of pedaling power to the driven wheels. Chain rings are sized for optimum performance and are interchangeable with most popular brands. Gearing ranges and patterns are designed to fit the needs of the individual cyclist, with double plateaus on racing and recreational bikes and triple plateaus on touring models.

Derailleurs are chosen for function, aesthetics, and durability, with each unit tested for long-term shifting ability and capability.



Handlebars and stems: Handlebars provide the cyclist with critical steering input and road feel, and must be designed

for responsiveness in all situations. Each Schwinn bicycle is fitted with handlebars which have been engineered to both ergonomic and function-specific tolerance, with sizing variations available to suit even the tallest or shortest cyclists.

Stems are designed to complement both the cyclist's size, the frame geometry and intended use of the specific bicycle.

THE MOMENT OF TRUTH

Although Schwinn bicycles have specifications that are very impressive on paper, the true test of design effectiveness can only be felt on the road. Climb on. Feel the way the saddle comfortably supports you. The handlebars nestle the hands. Move up through the gears. Feel the motion of your body translated into smooth, silky power. The bicycle tracks straight and true. It's a Schwinn. And only in motion does the theory of Quality from Engineering become an unforgettable reality.



Paramount®





Colors: Metallic Black, Slate Grey, Electric Blue, Fireball Red, Neon Orchid or Icy White (main shot).



With the ultimate in hand-made frame sets, Schwinn's Paramount sets the standard other builders strive for. Ridden by Olympic Team members and top triathletes who demand the best, the Paramount is a proven performer.

Highlighted by bold new graphics the Paramount also sports new colors and extras. Available in Road, Track, and Touring configurations with all the braze-on features you expect from the best. Once you've ridden a Paramount you'll never want anything else.

■ **Sunfire 421 Acrylic Urethane Enamel paint**... oven baked for the most brilliant colors and durable finish.

■ **Stronglight A9 alloy headset**... a lightweight proven performer, tested under grueling conditions in major races, it never failed.

■ **Aligned to perfection**... each frame is aligned to tolerances of .005 inches on a state of the art digital aligning table.

19 to 25" frames in 1/2" increments. Custom sizes available at additional cost.

Peloton™





Aerodynamically designed for the ultimate in competitive performance! Whether you're looking for top results in Olympic competition or to enjoy the feel of precision machinery, the Peloton is just for you.

■ **Cinelli handlebars and stem**...Anatomically sized. Wrapped with Cat-Eye pearlescent tape which conceals brake cables for precision aerodynamics.

■ **Royal Gran Comp brakes**...Gold medal winner at the 1984 Olympics. Assures control at any speed.

■ **Avocet Racing II saddle**...the choice of world champions. With SunTour New Superbe Pro micro adjusting alloy seat post.

■ **SunTour New Superbe Pro crankset**...low profile light alloy. With MKS Esquarts aero pedals.

■ **Araya Anodized Aero tubular rims**...32 spoke aerodynamic wheels help give the edge in speed.

■ **Columbus SL and SP mix tubing**...the same found on European professional bikes for the smoothest and most responsive ride.

P39, P41, P42, P43, P44 and P45.
19, 21, 22, 23, 24 and 25" frames.
Scarlet. All Schwinn bicycles meet
C.P.S.C. regulations.

Designed for the triathlete or aspiring Olympian, the Super Sport delivers high tech performance with every pedal revolution.

- **Shimano New 600EX pedals and sealed crankset**... transforms energy to speed with the Shimano New 600EX derailleur.
- **Grey anodized Araya rims**... hold high pressure Schwinn Circuit LT Dual Hard 700X25C tires.
- **Grey anodized Shimano New 600EX Brakes**... keeps the speed in rein.
- **Anatomically Dimensioned frame in 6 sizes**... with dual water bottle braze-ons, reinforcing tangs and pump peg. Total world class!



Super Sport[®]





It's fast, sleek . . . and has all the features of more expensive racing machines. A spectacular value on an extraordinary machine.

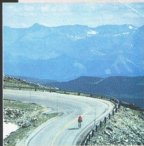
- **Sugino GLP low profile crankset** . . . aerodynamic with a bolt pattern that allows chainring interchangeability with most popular brands.
- **700C wheels** . . . with Araya rims and Schwinn Dual Hard tires. Allows refitting with sew-up wheels and tires without changing components!
- **SR Laprade micro-adjusting seat post** . . . topped with the Avocet Criterium saddle.
- **Tange headset** . . . with waterproof seal.



Tempo™

Voyageur SP™





From coast to coast you'll find no better touring machine than the impressive Voyager SP. From the Kevlar belted tires to totally sealed componentry, you're set for trouble-free riding in the great outdoors.

■ **Cinelli handlebars and stems**...anatomically sized. Covered with padded bike ribbon handlebar wrap, for increased comfort over the long haul.

■ **SunTour XC Rear derailleur with sealed pulleys**...change gears effortlessly choosing from 15 speeds (28-96").

■ **Avocet Touring II leather anatomic saddle**...with SR CRE-100 micro-adjusting alloy seat post for maximum comfort mile after mile.

■ **Schwinn Dual Hard, Kevlar belted skinwall tires**...roll smoothly on the flats while grabbing the turns and combined with the stopping power of Dia-Compe cantilever brakes, you're assured of stopping power even with fully loaded racks.

V39, V41, V42, V43, V44 and V45.
19, 21, 22, 23, 24 and 25" frames.
Midnight Blue. All Schwinn bicycles meet C.P.S.C. regulations.

Whether you're planning an afternoon jaunt or a weekend excursion, the Voyager escape machine is designed to get away from it all in comfort and ease.

■ **Shimano Tourney XT alloy triple crankset**...anatomically sized. Accepts the new Bio Pace touring chainrings.

■ **Schwinn Kevlar belted Dual Hard Skinwall tires**...with Wolber Super Champion rims (40 spoke rear) for a smoother ride on rough terrains.

■ **Dia-Compe alloy cantilevers brakes**...with extra long pads for ample stopping power. Quick release cables make wheel changes a snap.



Voyageur™



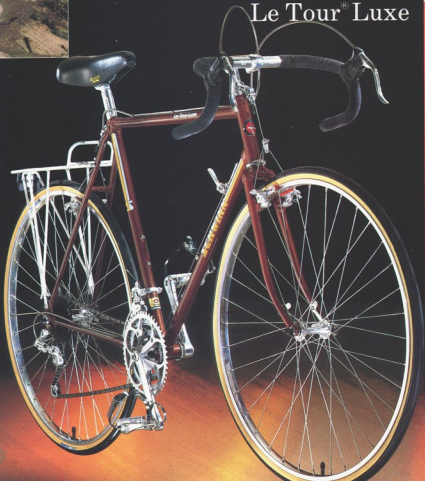
V28, V31, V33 and V35. 19, 21, 23 and 25" frames. British Green.



For the beginner tourist or weekend adventurer, the Le Tour Luxe offers all the convenient features found on more expensive machines. With cantilever brakes, double water bottle braze-ons, pump peg and Columbus tubing.

- **SR triple plateau alloy crankset**... offers 15 speeds. With Maillard alloy platform pedals that are comfortable and efficient with any type of shoes.
- **Avocet touring saddle**... designed for superior comfort.
- **Blackburn alloy rear touring rack**... standard equipment!
- **Weinman 416 alloy rims**... with 40 spoke rear wheel for added strength and Maillard sealed alloy low flange hubs.

Le Tour[®] Luxe



L29, L31, L33 and L35. 19, 21, 23 and 25" frames. Metallic Cocos or Bright Blue. All Schwinn bicycles meet C.P.S.C. regulations.

Super Le Tour[®]





For the recreational rider with a competitive spirit, the Super Le Tour blends a European flavor with Schwinn quality design. From Columbus tubing to the Benotto handlebar tape, the Super Le Tour is meant for excitement!

■ **SunTour Cyclone derailleurs**...lightweight, aerodynamic design with a larger rear pulley that allows a wider range of gearing than racing versions (but without that heavy look or weight).

■ **Columbus chrome-moly double butted tubing**...lightweight but sturdy with chrome-moly stays and stainless steel dropout faces.

■ **Avocet Criterium Saddle**...designed for maximum comfort.

■ **Sugino GP low profile light alloy cranks**...with aerodynamic alloy pedals for efficient power transmission.

■ **Weinmann alloy rims**...capped with Schwinn Dual Hard tires and sealed mechanism hubs for a smooth, easy ride.

L20, L41, L43 and L45, 19, 21, 23 and 25" frames. Scarlet or Gunmetal. All Schwinn bicycles meet C.P.S.C. regulations.

Dependability and sophistication are trademarks of the Le Tour. Competitive styling and popular features make this a better-than-ever value.

- **KKT Pro Vic II alloy quill-type pedals**...for effortless riding at 12 speeds.
- **Dia-Compe brakes**...with gum rubber lever hoods and Benotto pearlescent tape for a dash of flash.
- **Blackburn alloy water bottle cage**...standard equipment along with toe clips and leather straps.
- **Double butted frame**...with full chrome moly stays and anatomically sized handlebar and stem for a perfect fit.

Le Tour®





- The Traveler will take you anywhere in style and comfort. Quality features like 12 speeds, cushion grips and alloy rims make this a value loaded bicycle.
- **Sugino alloy cotterless crankset.** . . one piece forged, lightweight, durable.
 - **Dia-Compe brakes.** . . are short reach for mechanical efficiency with quick release, extension levers, lined cable housing and a recessed front bolt.
 - **Maillard alloy quick release hubs.** . . sealed against dust and moisture.
 - **Double butted chrome-moly tubing.** . . for lighter weight.
 - **Dual hard skinwall tires** . . . better handling and faster riding.

Traveler®



Men's: T19, T21, T23, T25 and T27. Mixte: T29 and T62. Men's: 19, 21, 23, 25 and 27" frames. Mixte: 17 and 19" frames. Bright Blue or Scarlet. All Schwinn bicycles meet C.P.S.C. regulations.

World[®] Sport





Never before has so much value, quality and style been put in one bicycle and at the price of the World Sport. Brand name components, chrome-moly tubing, alloy rims with front quick release wheels are just a few features of this affordable machine.

■ **SR alloy cotterless forged crankset**... with chrome plated steel rat trap pedals

■ **Schwinn system alloy shift levers and Dia-Compe brake lever extensions**... keep the controls at your fingertips while handlebars with cushion grips protect them from road shock.

■ **Step-through frame**... with shortened frame geometry for a more comfortable fit.

W19, W21, W23 and W25. 19, 21, 23 and 25" frames. Charcoal or Ice Blue. All Schwinn bicycles meet C.P.S.C. regulations.



Low price will never mean low quality at Schwinn. The World, with its alloy rims and components, will keep the weight as low as the price.

■ **Weinmann alloy rims** . . . save pounds off of comparable models. And the Schwinn high-pressure tires make pedaling one as easy as buying one.

■ **Shimano derailleurs** . . . with rear spoke barrier cage to help prevent damage to the rear wheel or derailleur due to abuse.

819, 821, 823, 825 and 827. 19, 21, 23, 25 and 27" frames. Light Maroon or Black Sable.



World®



Also available in two step-through frame sizes. This is an outstanding value for the cycling couple, enabling you to choose the right frame size and style that is best suited to you.

859 and 861. 19 and 21" frames.
Light Maroon or Black Sable.



The Sprint joins three great ideas—the Schwinn dealer, Schwinn quality, and high value—and combines them with a tradition of service, after the sale, that is unmatched by anyone. The Sprint offers four diamond frame models, three step-through frames and a choice of two colors. Now you can't afford *not* to own a dependable Schwinn bicycle.

Men's: SP9, SP1, SP3 and SP5. Ladies: S57, S59 and S61. Men's: 19, 21, 23 and 25" frames. Ladies: 17, 19 and 21" frames. Red or Blue Metallic.

Sprint®



All Schwinn bicycles meet C.P.S.C. regulations.

For the younger and smaller riders, Schwinn has designed a Sprint just for them. It's not just a big bike with smaller wheels, but one built to meet their special needs. Anatomically sized with 24x1 1/4" tires, an alloy crankset and an easier gear range, the Sprint is easy to maneuver and ride.

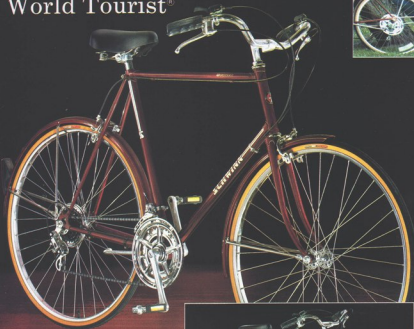
Men's: S44. Ladies: S84, 17" frames. Red or Blue Metallic.

For enjoyable recreation or quick errands, the traditional design of the World Tourist coupled with the easy to use Shimano front freewheel and positron shifting system, make this a terrific 10-speed for those who are interested in going with style, not speed. Upright handlebars, molded spring saddle, and 1-3/8" tires make it comfortable to ride and when you hear the shift lever click, you're in gear and ready to go—no trouble, no worries, just fun.

Men's: F20, F22, F24. Ladies: F57 and F80. Men's: 20, 22 and 24" frames. Ladies: 17 and 20" frames. Light Maroon.



World Tourist®



The World Tourist is also available in a 5 speed model. Shown here is the step-through version for easy mounting. All models have the same dependable Schwinn features as described above.

Men's: G32. Ladies: G67 and G70. Men's: 22" frame. Ladies: 17 and 20" frames. Light Maroon.





The Schwinn Collegiate 3-speed is one of the best values in cycling today. For easy-to-use transportation or leisure riding, the Shimano 3-speed coaster brake can't be beat. The lightweight lugged frame sports matching fenders and is built with a longer-than-average wheelbase for a comfortable ride. With upright handlebars and comfort-molded saddle seat, you're treated like royalty.

Men's: C22. Ladies: C87 and C90. Men's: 22" frame. Ladies: 17 and 20" frames. Sky Blue.

Collegiate®



New for 1985 is the Schwinn Collegiate 3-speed 24" wheel that has been specifically designed for the smaller rider. It offers the same durable quality and features of the larger bicycle, plus it sports an alloy crank so it's even lighter in weight. (Not pictured.)

Men's: L22. Ladies: C84. Men's: 22" frame. Ladies: 17" frame. Sky Blue.

All Schwinn bicycles meet C.P.S.C. regulations.

Ride a Madison and you'll capture the thrill of competition racing—on a track or on a road. Strength, power to go any distance. Madison is named for the 6-day races in Madison Square Garden.

■ **SunTour Sprint hubs**...double-sided large flange alloy with 700C aluminum rims and stainless steel spokes.

■ **Sugino GLP crank**...with beefy alloy crank arms and MKS track pedals to turn every movement into motion.

■ **Columbus tubing**...along with SR engraved alloy bars and stem control the power flow.

■ **Avocet Criterium leather saddle**...and SR Laprade micro-adjusting alloy seat post adapt for optimum comfort and power.

Madison™



The Madison is versatile. Great for racing, long miles of roadwork, pre-season training. And affordable. Dia-Compe alloy brakes, SunTour single speed freewheel and transparent plastic chainguard are included at no extra cost.

M19, M21, M23; 19, 21 and 23" frames. Frost White.



Tires... you'll find the finest, most complete line of bicycle tires at your Authorized Schwinn Dealer. Passage 1 3/4" touring tires, Record 3/8" sport/recreational tires, Circuit 1" competition/quality tires, plus a wide range of city and all-terrain tires... featuring Dual Hardness™, Schwinn's re-invention of the tire.

Wind Trainer... easy-mount platform fits any bike. Its sealed bearing fan is spun by your rear wheel... adds amazing road-like resistance to home cycling.

Cyclo Computers... the state-of-the-art in digital speedometers. CC-3000 Cateye Mate (top illustration) has 5 function display: current speed, top speed, distance, elapsed time and trip distance. CC-2000 Cateye Solar (bottom) is solar powered; display as above, plus average speed, pedal revolutions, actual time. Both models use no-contact sensors; fit any size wheel; quick-release mount.

Helmets... from Bell exceed strict performance standards. V-1 Pro (1): style and protection hard-training riders demand. Child's Li'l Bell Shell (2): lightweight comfort and safety. Tourlite (3): aerodynamic cooling vents, adjustable visor, removable and washable fit pad system, quick-release buckle.

Home workshop... a workstand makes home repairs easier to handle. Stand is height adjustable, tool tray folds for storage. Schwinn's unique reservoir floor pump is a must for any workshop. Extra-wide handle; thumb-lock chuck for quick release. Voyageur Generator set with oversize head and tail lights and voltage controlled generator lights the way for nighttime riding. For other accessories, plus all service needs, visit your Authorized Schwinn Dealer.

The XR-8 is a lifetime investment for the entire family, with institutional quality at a popular price. Pedaling tension is adjustable for a light or vigorous workout at any speed or "distance."

■ **Instrument cluster** . . . resettable timer with built-in audible signal, plus speedometer and odometer.

■ **High inertia wheel** . . . insures smooth pedaling action at the tension you select.

■ **Cushioned seat and hand grips** . . . for riding comfort.



XR-8®





The Air-Dyne is the only ergometer that lets you exercise your upper and lower body separately or simultaneously. Precision instruments permit measured, repeatable workloads. It's the ultimate fitness machine.

- **Workload indicator.** . . indicates work input per minute, plus cumulative odometer and resettable "trip" odometer.
- **Digital countdown timer.** . . with audible alarm.
- **Exclusive air displacement wheel** . . generates resistance for workload input . . and keeps you cool.

Air-Dyne®



CLASS	COMPETITION	COMPETITION	COMPETITION	TOURING	TOURING
MODEL	PELTON	SUPER SPORT	TEMPO	VOTAGEUR SP	VOTAGEUR
FRAME SIZE	19, 21, 22, 23, 24, 25	19, 21, 22, 23, 24, 25	19, 21, 23, 25	19, 21, 22, 23, 24, 25	19, 21, 23, 25
FRAME MATERIAL	COLUMBUS SL & SP mix chrome-moly double butted SUN TOUR forged drop-outs w/adjusters	COLUMBUS Tenax chrome-moly custom blend double butted main tubes, chrome-moly stays, forged drop-outs w/adjusters	COLUMBUS Tenax chrome-moly custom blend double butted main tubes, chrome-moly stays, forged dropouts with eyelets	COLUMBUS SL & SP mix chrome-moly double butted, SUN TOUR forged vertical drop-outs with double eyelets	COLUMBUS Tenax chrome-moly custom blend double butted main tubes, Tange forged drop-outs with double eyelets and adjusters
FORK	COLUMBUS blades w/semi sloping crown, reinforcing tangs and SUN TOUR forged dropouts	TANGE chrome-moly blades, semi sloping crown, reinforcing tangs, forged dropouts	TANGE chrome-moly blades, semi sloping crown and forged dropouts with eyelets	COLUMBUS blades, semi sloping crown, reinforcing tangs and SUN TOUR forged dropouts with double eyelets	TANGE chrome-moly blades, semi sloping crown, reinforcing tangs, forged dropouts with double eyelets
FRAME GEOMETRY	Head-Angle 73° Seat-Angle 23° frame Wheelbase 39.5"	73° 74° 39.5"	73° 74° 39.5"	72° 74° 42"	72° 74° 42"
BRAZE-ONS	Top tube guides, bottom bracket guides, 2 sets of bottle bosses, shift lever bosses, pump peg, chain rest	Top tube guides, bottom bracket guides, 2 sets of bottle bosses, shift lever bosses, pump peg, chain rest	Top tube guides, bottom bracket guides, 2 sets of bottle bosses, shift lever bosses, pump peg, chain rest	Top tube guides, bottom bracket guides, 3 sets of bottle bosses, pump peg, front lower and rear carrier bosses for Blackburn racks, fender boss on chainstay bridge	Top tube guides, bottom bracket guides, 3 sets of bottle bosses, pump peg, front lower and rear carrier bosses for Blackburn racks, fender boss on chainstay bridge
HEADSET	TANGE Ritzy alloy	TANGE New Falcon Sealed	TANGE New Falcon Sealed	TANGE L2 sealed bearing	TANGE New Falcon Sealed
CRANKSET	SUN TOUR New Superbe Pro 165mm (19") 170mm (21" thru 25") 42/53T forged alloy with alloy chain rings	SHIMANO New 600 EX 165mm (19") 170mm (21" thru 25") 42/52T forged alloy with alloy chain rings outer ring dark gray anodized	SUGINO GLP 165mm (19") 170mm (21" thru 25") 40/52T forged alloy with alloy chain rings	SUGINO TAT 165mm (19") 170mm (21" thru 25") 30/46/50T forged alloy with alloy chain rings	SHIMANO Tourney XT 165mm (19") 170mm (21" thru 25") 30/46/50T forged alloy with alloy chain rings
DERAILLEURS	SUN TOUR New Superbe Pro (front) SUN TOUR New Superbe Pro w/sealed pulleys (rear) SUN TOUR New Superbe Pro brazed-on levers	SHIMANO New 600 EX dark gray anodized (front) SHIMANO New 600 EX dark gray anodized (rear) SHIMANO New 600 EX brazed-on levers	SHIMANO RDZ 206 (front) SHIMANO RDZ 505 (rear) SHIMANO SL-Z 406 brazed-on levers	SUN TOUR Mountech (front) SUN TOUR XC long cage w/sealed pulleys (rear) SUN TOUR New Superbe Pro brazed-on levers	SHIMANO AL-11 (front) SHIMANO AL-11 long cage (rear) SHIMANO SL-Z 408 alloy brazed-on levers
PEDALS	MKS Esquarts black alloy aero	SHIMANO New 600 EX aero	MKS AR-1 alloy quill low profile	SR SP-11 alloy platform	SR SP-11 alloy platform
CHAIN	HKK Spirit silver	HKK "Z", silver	HKK "Z", silver	HKK "Z", silver	HKK "Z", silver
FREEWHEEL	SUN TOUR New Winner Ultra 7, 12-13-14-15-17-20-23	SHIMANO New 600 EX 13-15-17-19-22-26	SHIMANO Uniglide 6 speed 14-15-17-21-24-26	SUN TOUR New Winner 5 speed 14-16-19-23-28	SHIMANO 600 Uniglide 5 speed 14-16-19-23-28
BRAKES	DIA-COMPE RGC 400 alloy side pull with quick release, tire guides, recessed allen bolts, aero hooded drilled levers	SHIMANO New 600 EX dark gray anodized alloy side pull tire guides, recessed allen bolts, hooded alloy drilled levers dark gray anodized	DIA-COMPE GX400N alloy side pull with quick release, tire guides, recessed bolts, hooded alloy drilled levers	DIA-COMPE 981 alloy cantilever with quick release, rubber hooded alloy drilled levers	DIA-COMPE 981 alloy cantilever with quick release, rubber hooded alloy drilled levers
HANDLEBAR	CINELLI Engraved alloy Mod. 64, 19"-380/21"-400mm; Mod. 63, 22"/23"-400mm; Mod. 66, 24"-400mm/25"-420mm	SR Custom alloy 390mm (19", 21", 22") 420mm (23", 25")	SR Custom alloy 390mm (19", 21") 420 mm (23", 25")	CINELLI Engraved alloy Mod. 64, 19"-380mm/21"-400mm; Mod. 63, 22"/23"-400mm; Mod. 66, 24"-400/25"-420mm	SR Custom alloy 390mm (19", 21", 22") 420mm (23", 25")
STEM	CINELLI Mod. 1/A, 19"-80mm, 21"-90mm, 22/23"-100mm, 24/25"-110mm	SR Custom alloy Aero 60mm (19") 85mm (21", 22", 23") 105mm (25")	SR Custom alloy 60mm (19", 80mm (21", 23", 100mm (25")	CINELLI Mod. 1/A, 19"-80mm, 21"-90mm, 22/23"-100mm, 24/25"-110mm	SR Custom alloy 60mm (19", 80mm (21", 22", 23") 100mm (25")
HUB	SUN TOUR New Superbe Pro small flange alloy, quick release, special sealed bearing, 36"	SHIMANO New 600 EX small flange alloy, quick release, sealed bearing, 36"	SANSHIN Gyromaster small flange alloy, quick release, sealed bearing, 36"	SUN TOUR HR-4600 small flange alloy, quick release sealed bearing, 36" front 40" rear	SANSHIN small flange alloy quick release sealed bearing, 36" front 40" rear
RIM	ARAYA ADX-1700C grey hard anodized aero tubular	ARAYA 20A 700C grey hard anodized alloy	ARAYA 20A 700x25C silver anodized alloy	SUPER CHAMPION Model 58 27x1 1/4 silver anodized alloy	SUPER CHAMPION Model 58 27x1 1/4 silver anodized alloy
TIRE	CLEMENT Super Condor 270gmm	SCHWINN Circuit LT, 700x25C Dual Hard, 100 psi, 220gm, taffeta	SCHWINN Circuit 700x25C Dual Hard, 100 psi, 270gm, skinwall	SCHWINN Passage VR 27x1 1/4, Dual Hard with Kevlar, 90 psi, 380gm, skinwall	SCHWINN Passage VR 27x1 1/4, Dual Hard with Kevlar, 90 psi, 380gm, skinwall
SPOKES	ASAHI stainless steel 14 ga.	ASAHI stainless steel 14 ga.	ASAHI zinc plated 14 ga.	ASAHI stainless steel 14 ga.	ASAHI zinc plated 14 ga.
SADDLE	AVOCET Racing II white leather	AVOCET Racing I leather	AVOCET Criterium vinyl	AVOCET Touring I anatomic leather	AVOCET Touring Anatomic
SEAT POST	SUN TOUR New Superbe Pro alloy micro-adjusting 27.2 mm dia.	SR CRE-100 alloy micro-adjusting 26.6 mm dia.	SR Laprade alloy micro-adjusting 26.6 mm dia.	SR, CRE-100 alloy-micro adjusting 26.6 mm dia.	SR Laprade alloy micro-adjusting 26.6 mm dia.
EXTRAS	Alloy toe clips, reinforced leather straps, chrome-plated chainstay, Cat Eye pearlescent handlebar tape	Toe clips, leather straps, stainless steel stay protector, Cat Eye pearlescent handlebar tape	Toe clips, leather straps, stainless steel stay protector, Cat Eye pearlescent handlebar tape	Toe clips, reinforced leather stainless steel stay protector, chainstays, bike ribbon handlebar wrap	Toe clips, leather stainless steel stay protector, bike ribbon han., "s. tector, wrap
COLORS	Scarlet	Pearl White	Metallic Black, Azure Blue	Midnight Blue	British Green
WEIGHT (approx.)	20 lbs.	22 lbs.	22 lbs.	24 lbs.	24 lbs.

Specifications subject to change without notice.

SPECIFICATIONS 1985 MODELS

TOURING	SPORT/RECREATION	SPORT/RECREATION	RECREATIONAL	RECREATIONAL	RECREATIONAL
LE TOUR LUXE	SUPER LE TOUR	LE TOUR	TRAVELER	WORLD SPORT	WORLD
19, 21, 23, 25	19, 21, 23, 25	Men's 19, 21, 23, 25, 27 Mixte 19, 22	Men's 19, 21, 23, 25, 27 Ladies 17, 19, 22	Men's 19, 21, 23, 25 Ladies 19, 21	Men's 19, 21, 23, 25, 27 Ladies 19, 21
COLUMBUS Tenax chrome-moly double butted main tubes, chrome-moly stays, stainless steel dropout faces with double eyelets	COLUMBUS Tenax chrome-moly double butted main tubes, chrome-moly stays, stainless steel dropout faces with eyelets	4130 chrome-moly double butted main tubes, chrome-moly stays, stainless steel dropout faces with eyelets	4130 chrome-moly double butted main tubes, stainless steel dropout faces with eyelets	4130 chrome-moly main tubes, stainless steel dropout faces with eyelets	Hi-tensile lugged
TANGE hi-tensile steel, semi-sloping crown, forged dropouts with double eyelets	TANGE Mangalloy semi-sloping crown, forged dropouts with eyelets	Hi-tensile steel, semi-sloping crown, forged dropouts with eyelets	TANGE hi-tensile steel, semi-sloping crown, forged dropouts with eyelets	Hi-tensile steel, semi-sloping crown, dropouts with eyelets	Hi-tensile steel, semi-sloping crown
72.5° 72.5° 41.5°	72.5° 72.5° 39.75°	72.5° 72.5° 40.75°	72.5° 72.5° 40.75°	72° 74° 41.5°	72.25° 72.25° 41.25°
Top tube guides, bottom bracket guides, 2 sets of bottle bosses, shift lever boss, pump peg, chain rest, rear carrier bosses for Blackburn rack	Top tube guides, bottom bracket guides, 2 sets of bottle bosses, shift lever boss, pump peg, chain rest	Top tube guides, bottle bosses, shift lever boss, chain rest	Top tube guides, bottom bracket guides, bottle bosses, cable stops, chain rest	Top tube guides, bottom bracket guides, bottle bosses, cable stops	Top tube guides, bottom bracket guides, cable stops
TANGE New Falcon	TANGE New Falcon	SCHWINN Deluxe	Steel double nut type	Steel, double nutted type	Steel, double nutted type
SR CYC-T 310 170mm 30/46/50T forged alloy with alloy chainrings	SUGINO GP 170mm 40/52T forged alloy, alloy chainrings	SUGINO DBT 170mm 40/52T forged alloy, alloy outer ring	SUGINO DBT 170mm 40/52T forged alloy, alloy outer ring	SR SAC 310 170mm 40/52T alloy	SUGINO No.5 170mm 40/52T alloy
SUN TOUR Mountech (front) SUN TOUR Mountech long cage (rear) SUN TOUR Top Mount brazed-on levers	SUN TOUR Cyclone (front) SUN TOUR Cyclone (rear) SUN TOUR Top Mount brazed-on levers	SUN TOUR ARX (front) SUN TOUR ARX GT (rear) SUN TOUR Top Mount levers	SUN TOUR AR (front) SUN TOUR AR-GT (rear) SUN TOUR alloy Schwinn system headset mount levers	SUN TOUR AR (front) SUN TOUR AR (rear) SUN TOUR alloy Schwinn system headset mount levers	SHIMANO FDZ 202 (front) SHIMANO RDZ 501 (rear) SUN TOUR alloy Schwinn system headset mount levers
MAILLARD 500 alloy platform	MAILLARD 500 alloy platform	KKT Pro-Vic II alloy quill platform	Chrome plated steel rat trap	Chrome plated steel rat trap	Chrome plated steel rat trap
HKK	HKK "Z"	HKK "Z"	HKK "Z"	TYC	TYC
MAILLARD Atom 77.5 speed 14-15-19-23-28	MAILLARD Atom 77 6-speed 14-15-17-20-24-28	MAILLARD Atom 77 6-speed 14-16-19-22-26-30	MAILLARD 77 6-speed 14-16-19-22-26-30	SUN TOUR 6 speed 14-15-17-20-24-28	SHIMANO 5 speed 14-17-20-24-28
DIA-COMPE 960 alloy cantilever with quick release, alloy drilled levers with rubber hoods	DIA-COMPE GX500N alloy side pull, with quick release and tire guides, recessed bolts, alloy drilled levers, rubber hoods	DIA-COMPE QS500N alloy side pull with quick release and tire guides, recessed front bolt, alloy drilled levers, rubber hoods	DIA-COMPE Q500NX alloy side pull, alloy levers with quick release, alloy levers with extensions	DIA-COMPE 500N alloy side pull, alloy levers with quick release and extensions	CHANG STAR 630N alloy side pull w/extensions
SR Custom alloy 390mm (19", 21") 420mm (23", 25")	SR Custom alloy 390mm (19", 21") 420mm (23", 25")	SR Custom alloy 390mm (17", 19", 21", 22") 420mm (23", 25", 27")	SR Custom alloy, 390mm (17", 19", 21", 22") 420mm (23", 25", 27")	CHAMPION Maes steel w/alloy sleeve	CHAMPION Maes steel w/alloy sleeve
SR Custom alloy 60mm (19", 21") 80mm (23", 25") 100mm (25")	SR Custom alloy 60mm (19", 21") 80mm (23", 25") 100mm (25")	SR Custom alloy 60mm (17", 19", 22") 80mm (21", 23") 100mm (25", 27")	SR Custom alloy 60mm (17", 19", 21", 22") 80mm (23") 100mm (25", 27")	SR Custom alloy 60mm (19", 21") 80mm (23") 100mm (25")	SR Custom alloy 60mm (19", 21") 80mm (22", 23") 100mm (25", 27")
MAILLARD small flange alloy, sealed mechanism, quick release 36° front, 40° rear	MAILLARD small flange alloy, sealed mechanism, quick release 36°	MAILLARD small flange alloy, quick release 36°	MAILLARD small flange alloy, sealed mechanism, quick release 36°	Small flange alloy, quick release (front), semi large flange steel (rear) 36°	Chrome plated, semi large flange steel 36°
WEINMANN 416 alloy 27x1 1/4	WEINMANN 513-S, MOD E, 27x1 1/4 alloy	WEINMANN 416 27x1 1/4 alloy	WEINMANN 416 27x1 1/4 alloy	ARAYA 16 A7 27x1 1/4 alloy	WEINMANN 416 27x1 1/4 alloy
SCHWINN Passage 27x1 1/4, Dual Hard, 90 psi, 460gm., skinwall	SCHWINN Circuit, 27x1 1/4, Dual Hard, 100 psi, 270gm., skinwall	SCHWINN Super Record 27x 1 1/4, 100 psi, 300gm., skinwall	SCHWINN Record 27x1 1/4, Dual Hard, 100 psi, 300gm., skinwall	SCHWINN HP Sport 27x1 1/4, 85 psi, gumwall	SCHWINN HP Sport 27x1 1/4, 85 psi, gumwall
Zinc plated 14-15 ga.	Stainless steel 14 ga.	Zinc plated 14-15 ga.	Zinc plated 14 ga.	Zinc plated 14 ga.	Zinc plated 14 ga.
AVOCET Touring anatomic	AVOCET Criterium	Anatomic	Anatomic	Anatomic	Anatomic
SR Laprade alloy micro adjusting 26.4mm dia.	SR Laprade alloy micro-adjusting 26.4mm dia.	SR Laprade alloy micro-adjusting 26.4mm dia.	SR Laprade alloy micro-adjusting 26.6mm dia.	Chrome plated 26.6mm dia.	Chrome plated 26.6mm dia.
Toe clips, straps, stainless steel stay protector, Blackburn rear carrier, cloth handlebar tape	Toe clips, straps, stainless steel stay protector, Benotto pearlescent handlebar tape	Toe clips, leather straps, stainless steel stay protector, Blackburn alloy water bottle cage, Benotto pearlescent handlebar tape	Cushion grips, stainless steel stay protector	Cushion grips, stainless steel stay protector	Cushion grips, stainless steel stay protector, chainguard
Metallic Cocoa, Bright Blue	Scarlet, Gunmetal	Dark Blue	Scarlet, Bright Blue	Charcoal, Ice Blue	Light Maroon, Black Sable
25 lbs.	24 lbs.	25 lbs.	26 lbs.	27 lbs.	28 lbs.

All bicycles are fully assembled and ready to ride.

Schwinn Bicycle Company Limited Warranty

Schwinn Bicycle Company—Effective April 16, 1982

Schwinn and Schwinn-Approved bicycles, exercisers, parts, accessories and other products are warranted to be free from defects in materials and workmanship...no time limit.

NOTICE: The user assumes the risk of any personal injuries, damage to or failure of the bicycle and any other losses if Schwinn bicycles are used in any competitive event, including bicycle racing, or in bicycle motocross, dirt biking or similar activities. DO NOT USE Schwinn bicycles for stunt riding, ramp jumping, aerobatics or similar activities, or with motors as power driven vehicles. This warranty does not cover any personal injuries, damage to or failure of the bicycle, exerciser, or other product, or other losses, due to accident, misuse, neglect, abuse, normal wear, improper assembly or improper maintenance.

FREE 30-Day Bicycle Checkup

Each Schwinn bicycle and exerciser will be fully assembled by the Authorized Schwinn Dealer at the time of purchase. Each Schwinn bicycle will be entitled to receive a Free 30-Day checkup by the same Authorized Schwinn Dealer within the first 30 days of operation...such checkup to include free replacement but not including any repair due to accident, improper use, neglect, abuse, normal wear, improper assembly or improper maintenance.

At its option, Schwinn will...without charge...either provide a replacement of or repair any Schwinn or Schwinn-Approved part or accessory which is defective under the terms of this warranty. Dealer labor charges in installing replacement parts or accessories are not covered by this warranty, except for bicycles during the free 30-day checkup, and except for any labor charges due to replacement of a defective frame for bicycles or exercisers within one year of original purchase at retail.

Repair or replacement of defective parts or accessories and those dealers charges specified above shall be the sole remedy under this warranty, and in no event shall Schwinn be liable for incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. See your Authorized Schwinn Dealer for service or replacement under the Schwinn Limited Warranty, or write to the Consumer Relations Department at the factory.

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