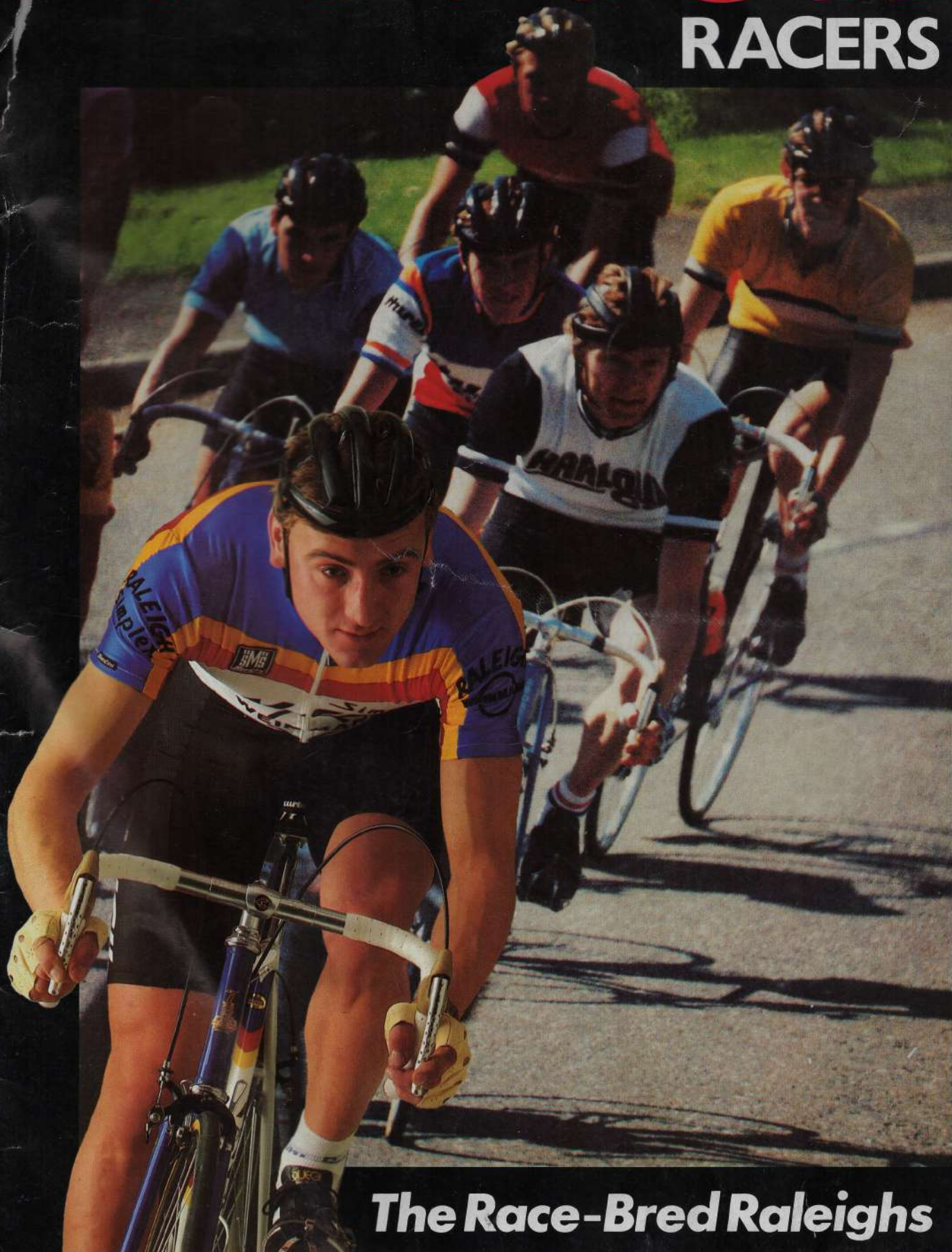


# **RALEIGH**

**RACERS**



**The Race-Bred Raleighs**



Raleigh is proud of the range presented in this catalogue. It is a range designed to meet everyone's needs, from custom-built framesets developed in the Specialist Bicycle Development Unit, to a boy's first racer. The catalogue has been divided into sections so that you can easily find the model you are looking for. It has been impossible to list all specification details against each model. We decided instead to show close-ups of some of the main features on the range and to provide summary specification tables for the relevant models within each section.

## Contents

Lightweight Racers	Pages 3-5	Lightweight Tourers	Pages 10-12
New Generation Racers	Pages 6-7	General Purpose Tourers	Pages 13-14
Teenage Racers	Pages 8-9	Frame Sets	Page 15

Whichever model you choose, it has been influenced by the years of Race-bred experience within Raleigh, none more so than the models built in the Lightweight Unit.

## THE LIGHTWEIGHT UNIT

The Lightweight Unit, which was opened in 1981, is independent of the main Raleigh factory. Within it are built all the Raleigh models which feature TI Reynolds 531 tubing. The individual expertise of the small hand-picked team has been combined with the most up-to-date technology in a unit which is justifiably proud of its product. The framesets and bikes are built by hand and finally assembled by the craftsman who will put his name to every model for which he is responsible. It's your guarantee that the bike has been Handbuilt by Craftsmen.

## RALEIGH TUBING MATERIALS

Raleigh use three types of tubing in the manufacture of their racing bikes – Reynolds 531, Reynolds 501 and Raleigh Controlled Carbon 18-23.



Reynolds 531 is the famous lightweight Manganese Molybdenum alloy tubing proven over many years of cycle racing. It features the double-butting process which allows for lightness whilst maintaining strength where it matters – at the lugs.



In 1983, TI-Reynolds developed a new tubing for the sports frame – 501 cromalloy M. 501 is super-light and super-strong, made from Chrome Molybdenum with a high Manganese content and it out-performs all competitive tubing in its category. As with other TI Reynolds tubing used in our range, it is double-butted for lightness and strength.



Controlled Carbon 18-23 is high tensile tubing, which allows us to achieve a balance between strength, weight and fatigue resistance on finished bicycle frames. Tests have shown 18-23 to be 30-40% stronger than other bicycle tubing. This allows us to make considerable weight savings by reducing the tube thickness, whilst maintaining and controlling the strength and fatigue resistance of the finished frame. In other words – more strength for less weight.

## CHOOSING THE RIGHT SIZE OF BICYCLE

For comfort, performance and safety it's important that your bicycle is just the right size to suit you. See table on page 14.





*Nuovo Record rear derailleur*



*Campagnolo quick release hubs*



*Shimano Para-pull brakes*



*Shimano platform pedals with toe-clips and straps*



### **TEAM REPLICA 12**

The Team Replica is a highly refined professional bicycle in the colours of the Panasonic/Raleigh Racing Team, handbuilt to Raleigh's highest quality standards. Raleigh Team colours.

Frame sizes:

Choice of 8 frame sizes, from 52cm to 64.5cm (20½" to 25½").

Available to special order. Please allow at least three months for building.



### **ROAD ACE 12**

The Road Ace is built for the racer who wants the latest style in top quality racing componentry. Handbuilt in the Lightweight Unit, the Road Ace features the Shimano 600 AX aerodynamic ensemble and Reynolds 531C tubing throughout.

Polar Blue

Frame sizes:

54.5cm (21½")  
57cm (22½")  
59.5cm (23½")  
62cm (24½")





### COMPETITION 12

A handbuilt competition or club machine, the Competition has been slightly revised for the new season.

The variable geometry frame built throughout from Reynolds 531C tubing now includes 'shot-in' backstays amongst its many features.

Iridescent Green. Frame sizes:  
 54.5cm (21½")  
 57cm (22½")  
 60cm (23½")  
 62cm (24½")



Weinmann lightweight hooded lever



### CORSA 12

The Corsa is a handbuilt racer featuring a Reynolds 501 double butted cromalloy-M tubing on a variable geometry frame with full Shimano 105 ensemble.

Colour: Oyster.

Frame sizes: 54.5cm (21½")  
 57cm (22½")  
 59.5cm (23½")  
 62cm (24½")



Shimano double detachable 105 chainset



### SIROCCO 12

The Sirocco is handbuilt in the Lightweight Unit using Reynolds 501 double-butted cromalloy-M tubing. The specification of the Sirocco makes it the best racing bike currently available at this price.

Claret. Frame sizes:  
 54.5cm (21½")  
 57cm (22½")  
 59.5cm (23½")  
 62cm (24½")



Sloping fork crown



# TECHNICAL SPECIFICATIONS

MODEL	TEAM REPLICA 12	ROAD ACE 12	COMPETITION 12
FRAME SIZES	52cm (20 1/2") 58cm (23") 54.5cm (21 1/2") 59.5cm (23 1/2") 56cm (22") 62cm (24 1/2") 57cm (22 1/2") 64cm (25 1/2")	54.5cm (21 1/2") 57cm (22 1/2") 59.5cm (23 1/2") 62cm (24 1/2")	54.5cm (21 1/2") 57cm (22 1/2") 59.5cm (23 1/2") 62cm (24 1/2")
FRAME MATERIAL	Reynolds 531C Competition Set with 'Shot-In' Backstays, Campagnolo Short Ends & Prugnat 62 Lugs.	Reynolds 531 Competition Set with 'Shot in' Backstays, Gipiemme Forged Ends & Prugnat S4 Lugs.	Reynolds 531 Competition Set with 'Shot in' Backstays, Gipiemme Forged Engs & Prugnat S4 Lugs.
FRAME ANGLES	Variable Racing Geometry depending on Frame Size.	Variable Racing Geometry Depending on Frame Size.	Variable Racing Geometry Depending on Frame Size.
HEADSET	Campagnolo Strada	Shimano 600 EX with Aero Cover	Tange New Levin
FORK	Reynolds 531 Taper Gauge Large Oval with Vitus Arcor Internal Crown & Campagnolo Forged Ends.	Reynolds 531 Taper Gauge Blades, Internally Brazed Sloping Fork Crown, Gipiemme Forged Ends.	Reynolds 531 Taper Gauge Blades, Internally Brazed Sloping Fork Crown, Gipiemme Forged Ends.
WHEELS	Rims - Mavic GP4 Alloy Sprint Hubs - Campagnolo Nuovo Record Small Flange Quick Release. Spokes - Double Butted Stainless Steel	Rims - Mavic GP4 Alloy Sprint Hubs - Shimano 600 AX Small Flange Q.R. Spokes - Double Butted Stainless Steel	Rims - Weinmann High Strength Narrow Section Eyeletted Alloy Hubs - Maillard Competition Small Flange Alloy Q.R. Spokes - Rustless Double Butted
TYRES	Vittoria Nuovo Pro Tubular	Vittoria Nuovo Pro Tubular	700 x 20C Vredestein Racer High Pressure
MUDGUARDS	No clearance	No clearance	No clearance
HANDLEBAR	Cinelli No 65 Alloy Bend. White Translucent Tape.	Shimano Dura Ace Alloy Engraved Bend Blue Cushioned Tape	SR Custom Engraved Italienne Alloy Bend. Beige Colour Cushioned Tape.
STEM	Cinelli 1A.	Shimano 600 AX.	SR Apex Forged Alloy.
BRAKES	Campagnolo Nuovo Record.	Shimano 600 AX, Recessed Fitting Calipers and Hooded Levers	Weinmann 405 QR, Recessed Fitting Calipers and Hooded Levers
DERAILLEUR	Campagnolo Nuovo Record. Direct Fit Levers.	Shimano 600 AX Front & Rear with Top Mounted Direct Fit Fit Levers.	Suntour Cyclone II Front & Rear with Direct Fit Levers.
CHAINSET	Campagnolo Nuovo Record with 52/42T Super Record Rings.	Shimano 600 AX Fully Detachable 52/42T	Sugino GS Long Arm Alloy Detachable 52/42T
FREEWHEEL	Regina One 13-14-15-16-17-18T	Shimano 600 AX Cassette 13-14-15-16-17-19-21T	Suntour NW6000 Silver 13-14-15-16-17-19-21T
GEAR RATIOS	42T: 87- 81-76-71-67-63 ins 52T:108-100-94-88-83-78 ins	42T: 87- 81-76-67-60-54 ins 52T:108-100-94-83-74-67 ins	42T: 87- 81-76-67-60-54 ins 52T:108-100-94-83-74-67 ins
CHAIN	Sedisport	Shimano Uniglide, Silver/Black	Suntour Z Silver/Black
PEDALS	Campagnolo Nuovo Record	Shimano 600 AX	SR SP12 Platform Alloy
SADDLE	ISCA Tornado Black Suede	ISCA Tornado Blue Suede	ISCA 406 Beige Suede
SEAT PIN	Campagnolo Strada	Shimano 600 AX, Aero	SR CTP5 Aero, Single Allen Bolt Adjustment
EXTRAS	Frame Fitting Inflator Toe Clips & Straps Allen Key Recessed Seat Bolt Water Bottle & Cage Wide Angle Reflector Set (to BS6102/2 - Not Fitted)	Frame Fitting Inflator Shimano 600 AX Toe Clips/Straps Allen Key Recessed Seat Bolt Aero Water Bottle & Cage Long Allen Key & Pedal Tool Wide Angle Reflector Set (to BS6102/2 - Not Fitted)	Frame Fitting Inflator Toe Clips & Straps Bottle Cage Mounts Allen Key Recessed Seat Bolt Wide Angle Reflector Set (to BS6102/2 - Not Fitted)
APPROX WEIGHT	21 1/2lb (57cm Frame)	22lb (57cm Frame)	23lb (57cm Frame)
COLOUR	Raleigh Team Colours	Polar Blue	Iridescent Green

MODEL	CORSA 12	SIROCCO 12
FRAME SIZES	54.5cm (21 1/2") 57cm (22 1/2") 59.5cm (23 1/2") 62cm (24 1/2")	54.5cm (21 1/2") 57cm (22 1/2") 59.5cm (23 1/2") 62cm (24 1/2")
FRAME MATERIAL	Reynolds 501 Double Butted Set with Gipiemme Forged Ends & Prugnat S4 Lugs	Reynolds 501 Double Butted Main Tubes, 18-23 High Tensile Stays, Gipiemme Forged Ends & Prugnat S4 Lugs
FRAME ANGLES	Variable Racing Geometry Depending on Frame Size	Variable Racing Geometry Depending on Frame Size
HEADSET	Tange CMA60	Tange CMA60
FORK	Reynolds 501 Taper Gauge Blades, Internally Brazed Sloping Fork Crown, Gipiemme Forged Ends.	18-23 High Tensile Blades, Internally Brazed Sloping Fork Crown, Gipiemme Forged Ends.
WHEELS	Rims - Weinmann High Strength Narrow Section Eyeletted Alloy Hubs - Shimano 105 Small Flange Alloy, Q.R. Spokes - 14G Rustless	Rims - Weinmann Concave Section Eyeletted Alloy Hubs - Maillard Atom Q.R. Spokes - 14G Rustless
TYRES	700 x 20C Vredestein Racer High Pressure	700 x 20C Vredestein Racer High Pressure
MUDGUARDS	No clearance	No clearance
HANDLEBAR	Cinelli Engraved Alloy Bend. Black Imitation Suede Tape	Engraved Italienne Alloy Bend. Black Cloth Tape
STEM	SR Custom Light Alloy.	SR Custom Light Alloy.
BRAKES	Shimano 105 QR Recessed Fitting Calipers & Hooded Levers	Weinmann 500 QR Calipers with Recessed Fittings. Hooded Alloy Levers
DERAILLEUR	Shimano 105 Front and Rear with Direct Fit Levers.	Suntour AR Derailleurs and Lightweight Alloy Levers.
CHAINSET	Shimano Alloy, Fully Detachable 52/42T	Alloy Cotterless 5 Pin Detachable 52/42T
FREEWHEEL	Shimano Cassette, Silver 13-15-17-19-21-24T	Suntour PN6000 14-15-17-19-21-24T
GEAR RATIOS	42T: 87-76-67-60-54-47 ins 52T:108-94-83-74-67-59 ins	42T: 81-76-67-60-54-47 ins 52T:100-94-83-75-67-59 ins
CHAIN	Suntour Z Silver/Black	Sedisport
PEDALS	Alloy Quill.	Alloy Quill.
SADDLE	ISCA 406 Black Suede	ISCA 406 Black Suede
SEAT PIN	SR CTP5 Fluted Alloy, Single Allen Bolt Adjustment	SR CTP6 Alloy Fluted
EXTRAS	Frame Fitting Inflator Toe Clips & Straps Bottle Cage Mounts Allen Key Recessed Seat Bolt Wide Angle Reflector Set (to BS6102/2 - Not Fitted)	Frame Fitting Inflator Toe Clips & Straps Bottle Cage Mounts Allen Key Recessed Seat Bolt Wide Angle Reflector Set (to BS6102/2 - Not Fitted)
APPROX WEIGHT	23 1/2lb (57cm Frame)	23 1/2lb (57cm Frame)
COLOUR	Oyster	Claret



Raleigh announce a new generation of Sports bikes designed for speed and style. The new range featured here on Pages 6 and 7 is built using Raleigh's own unique round-oval-round tubing form in Reynolds 501 cromalloy-M or Raleigh's own 18-23 cycle tubing.

This new tube section has its major axis aligned with the vertical plane of the frame improving stiffness and responsiveness whilst retaining the lightness required for speed.

Strength is provided by Raleigh's lugged frame construction. Where the different sections of tubing are joined, potential areas of weakness exist. Raleigh uses precision lugs to reinforce these joints providing strength where it really matters.

The result is a new frame which is light, strong and highly efficient.

But the tubing is only part of the story. Just look at these features:

- 74° parallel close clearance frames
- Narrow section wheels and tyres for lower rolling resistance
- Modern, sloping fork crown from Tange
- New style handlebars on Quasar & Pulsar
- Brake levers featuring easy adjustment to accommodate individual reach requirements on Quasar & Pulsar
- Brazed on gear lever and front changer
- Concealed brake cables on Quasar & Pulsar
- Aero styled water bottle on Quasar, Pulsar & Team Cadet



### RECORD SPRINT 12

It must be the Record Sprint when you want high performance in a modern racing bike. Reynolds 501 cromalloy-M tubing, aerodynamically styled, top specifications. Excitement and style in 1984.

Gloss Black.

Frame sizes: 54cm (21")  
60cm (23½")  
64cm (25")



Shimano 105 rear derailleur.



Quick-release hubs





Concealed brake cables



Shimano Adamas hooded levers with concealed cables



### QUASAR 12

A high performance racer which combines quality components with modern aerodynamic styling – Reynolds 501 cromalloy-M tubing on the new round oval round close clearance frame.

Lightness and strength in tomorrow's style.

Colour: Polar Blue with Shark Grey aero shading.

Frame sizes: 54cm (21")  
60cm (23½")  
64cm (25")



Raleigh Aero gear levers



Aero water bottle and cage



### PULSAR 10

A 10 speed aerodynamically styled model with round oval round tubing in Raleigh's 18/23 tubing with unique streamline shaded paintwork. Designed with speed and style in mind.

Colour: Pearl Silver with Shark Grey 'Streamline' shading.

Frame sizes: 54cm (21")  
60cm (23½")  
64cm (25")





### TEAM CADET 10

A new teenage racer featuring close clearance 74° parallel frame in the new Raleigh Cycle Racing Team colours.

Colour: Raleigh Team Colours.

Frame sizes: 54cm (21")  
60cm (23½")  
64cm (25")



Brazed-on front derailleur



### WINNER 5 & 10

The Winner set a new trendsetting style when it was launched in 1981 and it is still Raleigh's top selling teenage Racer. The 5 speed model (not illustrated) is fitted with stainless steel mudguards as standard.

Metallic Silver with black highlights.

Frame sizes:  
Five-speed Ten-speed  
47cm (18½") 50cm (19½")  
50cm (19½") 54cm (21")  
54cm (21") 60cm (23½")  
60cm (23½") 64cm (25")



Brazed-on top tube cable guides

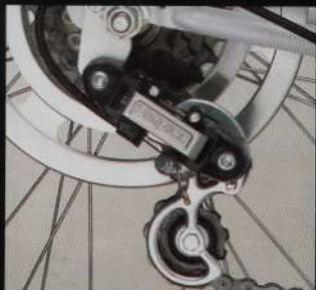


### SPRINT 5 & 10

An exciting racing machine for the young sportsman. With 73° parallel frame and a choice of 5 or 10 speed.

Colour: Pearl White.

Frame sizes:  
Five-speed Ten-speed  
47cm (18½") 50cm (19½")  
50cm (19½") 54cm (21")  
54cm (21") 60cm (23½")  
60cm (23½") 64cm (25")



Simplex rear derailleur



# TECHNICAL SPECIFICATIONS

MODEL	RECORD SPRINT 12	QUASAR 12	PULSAR 10
FRAME SIZES	54cm (21") 60cm (23½") 64cm (25")	54cm (21") 60cm (23½") 64cm (25")	54cm (21") 60cm (23½") 64cm (25")
FRAME MATERIAL	Reynolds 501, Double butted, Aero Main Tubes	Reynolds 501, Double butted, Aero Main Tubes	18-23 High Tensile Aero Tubing.
FRAME ANGLES	74°	74°	74°
HEADSET	Tange MA 60	Tange MA 60	Tange MA 60
FORK	18-23 High Tensile Blades Tange Sloping Crown	18-23 High Tensile Blades Tange Sloping Crown	18-23 High Tensile Blades Tange Sloping Crown
WHEELS	Rims - Weinmann A124 Eyeletted, Black. Hubs - Maillard Helicomatic, QR, Black Spokes - Rustless 14G	Rims - Weinmann A124 Eyeletted, Black. Hubs - Maillard Atom Helicomatic, QR, Black Spokes - Rustless 14G	Rims - 700C steel Hubs - Maillard Alloy Spokes - Rustless
TYRES	700 x 20C Gumwall	700 x 20C Gumwall	700 x 25C Gumwall
MUDGUARDS	Clearance for Narrow 'Guards only	Clearance for Narrow 'Guards only	Clearance for Narrow 'Guards only
HANDLEBAR	Alloy Italiane Bar, Black imitation suede tape	Alloy Aero, Black imitation suede tape	Steel Aero Bar, Black imitation suede tape
STEM	Custom Alloy	Custom Alloy	Custom Alloy
BRAKES	Weinmann 500, QR Levers, Alloy Gold, with Gold cables.	Weinmann 500, QR Alloy Black, Shimano Adamas Levers	Weinmann 500 Alloy, Shimano Adamas Levers.
DERAILLEUR	Shimano 105 rear Derailleur, Huret Club Brazed on front Derailleur, Raleigh black plastic levers	Sun Tour AR rear Derailleur, Huret Club Brazed on front Derailleur, Raleigh black plastic levers.	Huret ECO-S rear Derailleur, Huret Club Brazed on front Derailleur, Raleigh plastic levers.
CHAINSET	Thun Gamma Gold 52/42T all Alloy	Sugino DGT 52/42T Steel Rings	Alloy/Steel 52/42T
FREEWHEEL	Maillard Helicomatic Gold, 14-15-17-19-21-24T	Maillard Helicomatic Silver, 14-15-17-19-21-24T	Maillard 14-17-20-23-26T
GEAR RATIOS	42T:81-78-67-60-54-47 ins 52T:100-94-83-74-67-59 ins	42T:81-78-67-60-54-47 ins 52T:100-94-83-74-67-59 ins	42T:81-67-57-49-44 ins 52T:100-83-70-61-54 ins
CHAIN	Suntour Z Gold	Suntour Z Silver	1/2 x 3/32 Black
PEDALS	Alloy Quill Black + BS6102 Reflectors	Sakae SP 362, Alloy Platform.	Union 632 Steel + BS6102 Reflectors.
SADDLE	Selle Royal Aero Black	Selle Royal Aero Black imitation suede.	Selle Royal Aero Silver.
SEAT PIN	Alloy Fluted	Alloy Fluted	Steel
EXTRAS	Bottle Cage Mounts Toe Clips & Straps. Wide Angle Reflectors (to BS6102/2).	Toe Clips & Straps Silver Aero Water Bottle & Cage Wide Angle Reflector Set (to BS6102/2)	Aero Water Bottle & Cage Wide Angle Reflector Set (to BS6102/2).
APPROX WEIGHT	25½lb (60cm Frame).	25½lb (60cm Frame)	27lb (60cm Frame).
COLOUR	Gloss Black	Polar Blue with Shark Grey aero shading.	Pearl Silver with Shark Grey 'Streamline' shading.

MODEL	TEAM CADET 10	WINNER 5 & 10	SPRINT 5 & 10
FRAME SIZES	54cm (21") 60cm (23½") 64cm (25")	<b>Five Speed</b> 47cm (18½") 50cm (19½") 54cm (21") 60cm (23½")	<b>Ten Speed</b> 50cm (19½") 54cm (21") 60cm (23½") 64cm (25")
FRAME MATERIAL	18-23 High Tensile Aero Tubing	18-23 High Tensile Steel Tubing	18-23 High Tensile Steel Tubing
FRAME ANGLES	74°	73° Parallel	73° Parallel
HEADSET	Tange MA 60	Raleigh	Raleigh
FORK	18-23 High Tensile Blades Tange Sloping Crown	18-23 High Tensile Steel Blades with Shallow Box Crown	18-23 High Tensile Steel Blades with Shallow Box Crown
WHEELS	Rims - 700C steel Hubs - Maillard Alloy QR Spokes - 14G Rustless	<b>47cm</b> Rims 24 x 13/8" Steel Hubs Steel Spokes 14G Rustless	<b>50cm</b> 26 x 13/8" Steel <b>Others</b> 27 x 1/4" Steel Alloy 14G Rustless
TYRES	700 x 25C Gumwall	Raleigh Amberwall to suit Wheel Size	Raleigh Amberwall to suit Wheel Size
MUDGUARDS	Clearance for Narrow 'Guards only	Stainless Steel Full Length on 5 Speed only	None, sufficient clearance to fit
HANDLEBAR	Steel Italiane Bar, White Translucent Tape	Raleigh Italiane Steel Bend, Junior Bar on 47cm model. Deep Foam Black Handlebar Padding.	Raleigh Italiane Alloy Bend, Junior Bar on 47cm model. Red Imitation Suede Tape
STEM	Custom Alloy	Light Alloy	Light Alloy
BRAKES	Weinmann 500 Alloy, QR Levers	Alloy Sidepull with Extension Levers, Junior Levers & Extensions on 47cm model	Alloy Sidepull with Extension Levers, Junior Levers & Extensions on 47cm model
DERAILLEUR	Huret ECO-S rear Derailleur, Huret Club Brazed on front Derailleur, Raleigh plastic levers.	Simplex Gears	Simplex Gears
CHAINSET	Alloy/Steel 52/42T.	Exclusive Alloy Cotterless Cranks with Steel Chainrings (52/42T: 10 Spd, 48T: 5 Spd) with Integral Alloy Chainring Guard 46T Steel Chainwheel & Disc on 47cm 5 Speed	Alloy Cotterless Cranks with Steel 52/42T Chainrings on 10 Spd Steel Cottered Cranks with 46T Chainwheel & Dic on 5 Spd.
FREEWHEEL	Maillard 14-17-20-23-26T	14-17-20-23-26T with Spoke Protector Disc	14-17-20-23-26T with Spoke Protector Disc
GEAR RATIOS	42T 81-67-57-49-44 ins 52T 100-83-70-61-54 ins	<b>5 Speed</b> 47cm 78-65-55-48-42 ins 50cm 89-73-62-54-48 ins  <b>Others</b> 92-76-64-56-50 ins	<b>10 Speed/50cm</b> 42T 78-64-55-47-42 ins 52T 96-80-67-59-52 ins <b>10 Speed/Others</b> 42T 81-67-57-49-44 ins 52T 100-83-70-61-54 ins
CHAIN	1/2" x 3/32" Black	1/2" x 3/32"	1/2" x 3/32"
PEDALS	Union 632 Steel + BS6102 Reflectors	Chrome Plated Steel + BS6102 Reflector	Chrome Plated Steel + BS6102 Reflector
SADDLE	Selle Royal Aero Black	Padded Sports	Padded Sports
SEAT PIN	Steel	Chrome Plated Steel	Chrome Plated Steel
EXTRAS	Toe Clips & Straps Aero Water Bottle & Cage Wide Angle Reflector Set (to BS6102/2)	Frame Fitting Inflator Wide Angle Reflector Set (to BS6102/2).	Frame Fitting Inflator Wide Angle Reflector Set to BS6102/2.
APPROX WEIGHT	27lb (60cm Frame)	28½lb (54cm 10 Speed Frame.)	28lb (54cm 10 Speed Frame.)
COLOUR	Raleigh Team Colours.	Metallic Silver & Black Flashing	Pearl White





### CLASSIC 15

The Classic 15 is our top of the range full 531 touring bike for the serious cyclist who wants the ultimate in quality and function. Check out the impressive specifications and extras on page 12.

Colour: Burgundy with Silver Peak Head.

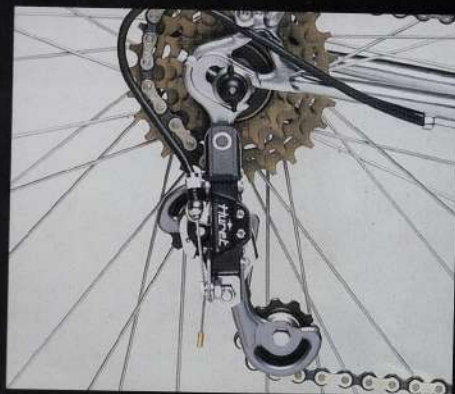
Frame sizes:

54cm (21")

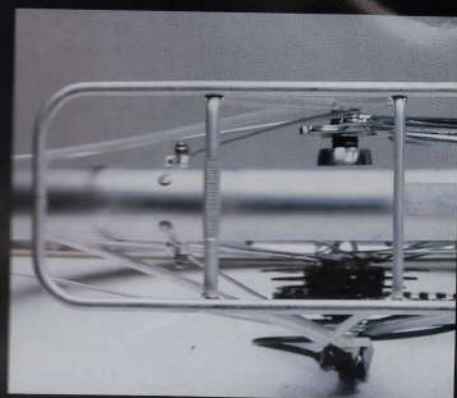
57cm (22½")

60cm (23½")

64cm (25")



Huret titanium-bodied Duopar gear



Jim Blackburn alloy carrier



### RECORD ACE 12

A versatile, high quality, training/touring machine. Handbuilt in the Lightweight Unit using Reynolds 531 tubing throughout.

Fern Green

Frame sizes:

54cm (21")

57cm (22½")

60cm (23½")

64cm (25")



Under bottom bracket, cable guides and frame number



Sugino GS long arm fully detachable chainwheel



## ROYAL 10

The Royal was our best selling 531 touring bicycle in 1983. The 1984 version is even better with improved gearing and Michelin tyres among its new features. A Great Bike and Great Value.

Magnum Grey

Frame sizes:

54cm (21")  
57cm (22½")  
60cm (23½")  
64cm (25")



Michelin tyre and eyeletted rim



## CLUBMAN 12

A quality handbuilt general purpose machine built around Reynolds 531 butted maintubes, 73° parallel frame.

Claret.

Frame sizes:

54cm (21")  
57cm (22½")  
60cm (23½")  
64cm (25")



Sun Tour ARX rear derailleur



## ZENITH 10

A value for money lightweight touring bicycle with Reynolds 501 cromalloy-M butted main tubes and 73° parallel geometry.

Fern Green with Black accessories.

Frame sizes:

54cm (21")  
60cm (23½")  
64cm (25")



501 Cromalloy-M tubing for the lightweight Zenith





# TECHNICAL SPECIFICATIONS

MODEL	CLASSIC 15	RECORD ACE 12	ROYAL 10
FRAME SIZES	54cm (21") 57cm (22½") 60cm (23½") 64cm (25")	54cm (21") 57cm (22½") 60cm (23½") 64cm (25")	54cm (21") 57cm (22½") 60cm (23½") 64cm (25")
FRAME MATERIAL	Reynolds 531 Double Butted Tubes & Taper Gauge Stays. Sun Tour GS Forged Ends, Haden Royal Sovereign Lugs.	Reynolds 531 Double Butted Tubes & Taper Gauge Stays. Sun Tour GS Forged Ends, Haden Royal Sovereign Lugs.	Reynolds 531 Double Butted Main Tubes, 18-23 High Tensile Stays. Sun Tour GS Forged Ends, Haden Royal Sovereign Lugs.
FRAME ANGLES	73° Parallel	73° Parallel	73° Parallel
HEADSET	Tange CMA60	Tange CMA60	Tange CMA60
FORK	Reynolds 531 Taper Gauge Blades with Forged Vagner Crown & Sun Tour GS Forged Ends.	Reynolds 531 Taper Gauge Blades with Forged Vagner Crown & Sun Tour GS Forged Ends.	Reynolds 531 Taper Gauge Blades with Forged Vagner Crown & Sun Tour GS Forged Ends.
WHEELS	Rims - Weinmann Concave Section Eyeletted Alloy. Hubs - Maillard Competition Q.R. Spokes - 14G Stainless Steel.	Rims - Weinmann Concave Section Eyeletted Alloy. Hubs - Maillard Competition Q.R. Spokes - Rustless Double Butted.	Rims - Weinmann Eyeletted Alloy. Hubs - Maillard Atom Q.R. Spokes - 14G Rustless.
TYRES	Michelin 27" x 1½" Club Tourist.	Michelin 27" x 1½" Club Tourist.	Michelin 27" x 1½" Club Tourist.
MUDGUARDS	Silver Impact Resistant, Twin Stays at Front and Rear.	Gold Impact Resistant, Twin Stays at Front and Rear.	Silver Impact Resistant, Wide Section Twin Stays Front & Rear
HANDLEBAR	Engraved Randonneur Bar with Deep Foam Grips.	Engraved Italiane Alloy Bend, Brown Cloth Tape.	Engraved Randonneur Bar with Deep Foam Grips.
STEM	SR Apex Forged Alloy.	SR Apex Forged Alloy	SR Custom Light Alloy.
BRAKES	Weinmann Centrepull with Quick Release Levers.	Weinmann 605 Alloy Side Pull, Quick Release Calipers & Hooded Levers.	Weinmann 610/750 Alloy Centrepull with Quick Release Levers.
DERAILLEUR	Huret Titanium Bodied Duopar Rear Derailleur. Club AS Front and Power Levers.	Campagnolo Gran Sport Front & Rear with Clip Fit Down Tube Levers.	Sun Tour Cyclone II GT Wide Ratio with Power Levers
CHAINSET	Sugino PX Forged Alloy, Fully Detachable 50/40/30T.	Sugino GS Long Arm, Fully Detachable 52/42T.	Sugino DGT Alloy Cotterless, 50/36.
FREEWHEEL	Suntour PN5000 14-17-20-24-28T	Suntour Ultra 6 Silver 14-16-18-21-24-28T.	Maillard Wide Ratio 14-17-21-26-32T.
GEAR RATIOS (INCHES)	30T: 58-48-41-34-29 ins 40T: 77-64-54-45-39 ins 50T: 96-79-68-56-48 ins	42T: 81-71-63-54-47-41 ins 52T: 100-88-78-67-59-50 ins	36T: 69-57-46-37-30 ins 50T: 96-79-64-52-42 ins
CHAIN	Suntour Z Silver.	Suntour Ultra 6 Narrow	Sedisport.
PEDALS	Alloy Quill.	Alloy Quill.	Alloy Quill.
SADDLE	Brooks B17 Leather	Brown Suede	Gents Black Imitation Suede.
SEAT PIN	Sakae CTP3 Alloy Micro Adjust.	Sakae CTP3 Alloy Micro Adjust.	SR CTP5 Alloy Single Allen Key Adjustment.
EXTRAS	Front & Rear Carriers - Jim Blackburn Alloy Toe Clips & Leather Straps Frame Fitting Inflator Bottle Cage Mounts Wide Angle Reflector Set (to BS6102/2 - Not Fitted)	Frame Fitting Inflator Toe Clips & Leather Straps Bottle Cage Mounts Allen Key Recessed Seat Bolt Wide Angle Reflector Set (to BS6102/2 - Not Fitted)	Frame Fitting Inflator Chrome Plated Rear Carrier Toe Clips & Leather Straps Bottle Cage Mounts Wide Angle Reflector Set (to BS6102/2 - Not fitted).
APPROX WEIGHT	30lb (23½" Frame)	25½lb (57cm Frame)	29½lb (23½" Frame)
COLOUR	Burgundy with Silver Peak Head.	Fern Green	Magnum Grey with Silver Peak Head.

MODEL	CLUBMAN 12	ZENITH 10
FRAME SIZES	54cm (21") 57cm (22½") 60cm (23½") 64cm (25")	54cm (21") 60cm (23½") 64cm (25")
FRAME MATERIAL	Reynolds Double Butted 531 Main Tubes, 18-23 High Tensile Stays.	Reynolds Butted 501 Chromalloy Main Tubes, 18-23 High Tensile Stays.
FRAME ANGLES	73° Parallel.	73° Parallel.
HEADSET	Tange CMA60	Tange MA60
FORK	18-23 High Tensile Blades, Forged Vagner Crown.	18-23 High Tensile Blades, Forged Vagner Crown.
WHEELS	Rims - Weinmann 27 x 1¼" Eyeletted Alloy Hubs - Small Flange, Quick Release Alloy Spokes - 14G Rustless	Rims - Weinmann 27 x 1¼" Eyeletted Alloy Hubs - Small Flange Alloy Spokes - 14G Rustless
TYRES	Raleigh 27" x 1¼" Gumwall High Pressure	Raleigh 27" x 1¼" Gumwall High Pressure
MUDGUARDS	Gold Impact Resistant Plastic, Narrow Section	Gold Impact Resistant Plastic, Narrow Section
HANDLEBAR	Raleigh Italiane Alloy, Black Cloth Tape.	Raleigh Italiane Alloy Bend, Black Imitation Suede Tape.
STEM	SR Custom Light Alloy	Light Alloy
BRAKES	Weinmann Centrepull	Weinmann Alloy Sidepull with Extension Levers
DERAILLEUR	Sun Tour ARX Derailleur with Power Levers.	Sun Tour AR Derailleurs with Power Levers.
CHAINSET	Sugino DGT Alloy Cotterless with Alloy 50/36T Chainwheels.	Forged Alloy Cotterless Cranks with 50/36T Chainwheels.
FREEWHEEL	Sun Tour Ultra 6 13-14-15-18-21-24T.	14-17-20-23-26T 5 Speed.
GEAR RATIOS (INCHES)	36T: 75-69-65-54-46-40 ins 50T: 104-96-90-75-64-56 ins	36T: 69-57-49-42-37 ins 50T: 96-79-68-59-52 ins
CHAIN	Sun Tour Z Silver.	½" x ¾"
PEDALS	Alloy Quill	Alloy Quill + BS6102 Reflectors
SADDLE	Padded Black Imitation Suede.	Padded Black Imitation Suede.
SEAT PIN	Light Alloy	Light Alloy
EXTRAS	Frame Fitting Inflator. Lightweight Rear Carrier. Toe Clips & Leather Straps. Bottle Cage Mounts Wide Angle Reflector Set (to BS6102/2 - Not Fitted).	Frame Fitting Inflator. Chrome Plated Rear Carrier. Toe Clips & Leather Straps. Wide Angle Reflector Set (to BS6102/2).
APPROX WEIGHT	27½lb (60cm Frame)	30lb (60cm Frame)
COLOUR	Claret	Sparkling Fern Green

Ladies version of the Classic, Royal, Clubman, Zenith, Stratos, Weekender and Medale are also available. See the RALEIGH COLLECTION catalogue for full details.



## STRATOS 10

Completely restyled for 1984 the Stratos is a fully equipped mid-range cycle to suit the needs of touring/commuting.

Claret with Gold Guards.

Frame sizes:

54cm (21")

60cm (23½")

64cm (25")



Chainstay-mounted dynamo



## WEEKENDER 15

The Weekender is the ideal leisure bicycle. With its fifteen speed Huret Duopar gear, it is happy to cruise along the open road, commute through city centre traffic or climb hills in out-of-the-way places.

Colour: Gloss Black with Silver Peak Head.

Frame sizes:

54cm (21")

60cm (23½")

64cm (25")



Sakae exclusive triple chainset



## MEDALE 5 & 10

The Medale is a popular commuting bike which has been restyled for 1984 with new graphics and a highlighted frame.

Sparkling Champagne with Brown Highlights.

Five-speed:

50cm (19½")

54cm (21")

60cm (23½")

Ten-speed:

\*54cm (21")

\*60cm (23½")

64cm (25")

\*Optional Tyre Driven Lighting



Weinmann brake levers and extensions





# TECHNICAL SPECIFICATIONS

MODEL	STRATOS 10	WEEKENDER 15	MEDALE 5 & 10
<b>FRAME SIZES</b>	54cm (21") 60cm (23½") 64cm (25")	54cm (21") 60cm (23½") 64cm (25")	5 Speed 10 Speed 54cm (21") 54cm (21")* 60cm (23½") 60cm (23½")* 64cm (25") 64cm (25") *Optional TDL available on these models.
<b>FRAME MATERIAL</b>	18-23 High Tensile Steel Tubing.	18-23 High Tensile Steel Tubing.	18-23 High Tensile Steel Tubing
<b>FRAME ANGLES</b>	73° Parallel.	73° Parallel.	73° Parallel.
<b>HEADSET</b>	Tange MA60	Tange MA60	Raleigh.
<b>FORK</b>	18-23 High Tensile Steel Blades with Shallow Box Crown.	18-23 High Tensile Steel Blades with Shallow Box Crown.	18-23 High Tensile Steel Blades with Shallow Box Crown.
<b>WHEELS</b>	Rims - 27 x 1¼" Chrome Plated Steel. Hubs - Small Flange Alloy. Spokes - 14G Rustless.	Rims - 27 x 1¼" Chrome Plated Steel. Hubs - Small Flange Alloy. Spokes - 14G Rustless.	Rims - 27 x 1¼" Chrome Plated Steel. Hubs - Small Flange Alloy. Spokes - 14G Rustless.
<b>TYRES</b>	Raleigh 27" x 1¼" Gumwall High Pressure.	Raleigh 27" x 1¼" Gumwall High Pressure.	Raleigh Amberwall 27" x 1¼".
<b>MUDGUARDS</b>	Gold Impact Resistant Plastic, Narrow Section.	Silver Impact Resistant Plastic, Narrow Section.	Enamelled Full Length.
<b>HANDLEBAR</b>	Raleigh Italiane Alloy Bend. Black Imitation Suede Tape.	Raleigh Italiane Steel Bend. Black Deep Foam Grips.	Raleigh Italiane Alloy Bend. Brown Imitation Suede Tape.
<b>STEM</b>	Light Alloy.	Light Alloy.	Light Alloy.
<b>BRAKES</b>	Weinmann Alloy Sidepull with Extension Levers.	Weinmann Alloy Sidepull with Extension Levers.	Weinmann Alloy Sidepull with Extension Levers and Brown Cables.
<b>DERAILLEUR</b>	Huret ECO-S Derailleurs with Alloy Ratchet Levers.	Huret ECO Dugpar Rear Derailleur, Club AS Front and Alloy Ratchet Levers.	Huret ECO-S Gear.
<b>CHAINSET</b>	Alloy Cotterless Cranks with 52/42T Forged Alloy Chainwheels.	Exclusive Alloy Cotterless Cranks, Triple Steel 50/40/30T Chainrings and Integral Alloy Chainring Guard.	Exclusive Alloy Cotterless Cranks with Steel 52/42T Chainrings and Integral Alloy Chainring Guard. 46T Steel Chainwheel & Disc on 5 Speed.
<b>FREEWHEEL</b>	14-17-20-23-26T 5 Speed with Spoke Protector Disc.	14-17-20-23-26T Maillard 5 Speed.	14-16-21-24-28T with Spoke Protector Disc.
<b>GEAR RATIOS (inches)</b>	42T : 81-67-57-49-44 ins. 52T : 100-83-70-61-54 ins.	30T : 58-48-41-35-31 ins. 40T : 77-64-54-47-42 ins. 50T : 96-79-68-59-52 ins.	5 Speed: 79-69-53-46-39 ins. 10 Speed: 42T 81-78-54-47-41 ins. 52T 100-88-67-59-50 ins.
<b>CHAIN</b>	½" x ¾"	½" x ¾"	½" x ¾"
<b>PEDALS</b>	Chrome Plated Steel + BS 6102 Reflectors.	Chrome Plated Steel + BS 6102 Reflectors.	Chrome Plated Steel + BS 6102 Reflectors.
<b>SADDLE</b>	Padded Black Imitation Suede.	Padded Black Imitation Suede.	Padded Brown Imitation Suede.
<b>SEAT PIN</b>	Chrome Plated Steel.	Chrome Plated Steel.	Chrome Plated Steel.
<b>EXTRAS</b>	Tyre Driven Lighting. Chrome Plated Rear Carrier with Luggage Strap. Alloy Inflator. Wide Angle Reflector Set (to BS6102/2).	Frame Fitting Inflator. Wide Angle Reflector Set (to BS6102/2).	Frame Fitting Inflator. Chrome Plated Rear Carrier with Luggage Strap. Wide Angle Reflector Set (To BS6102/2). Tyre Driven Lighting - Optional Extra (54 & 60cm 10 Speed).
<b>APPROX WEIGHT</b>	31½ lb (23½" 10 Speed Frame).	29½ lb (60 cm Frame).	32 lb. (23½" 10 Speed Frame.)
<b>COLOUR</b>	Claret.	Gloss Black with Silver Peak Head.	Sparkling Champagne with Chocolate Brown Flashing.

## CHOOSING THE RIGHT SIZE OF BICYCLE

For comfort, performance and safety it's important that your bicycle is just the right size to suit you. Check the table below for your ideal size.

Height (Within 3 in)	Ideal Frame Size	Probable Inside Leg
6 ft 2 in	64 cm (25 in)	33 - 36 in
6 ft 1 in	62 cm (24½ in)	33 - 36 in
6 ft	60 cm (23½ in)	32 - 35 in
6 ft	59.5 cm (23½ in)	32 - 35 in
5 ft 8 in	57 cm (22½ in)	30 - 33 in
5 ft 6 in	54.5 cm (21½ in)	29 - 32 in
5 ft 6 in	54 cm (21 in)	29 - 32 in
5 ft 4 in	51 cm (20 in)	28 - 31 in
5 ft 2 in	50 cm (19½ in)	27 - 30 in
5 ft 1 in	47 cm (18½ in)	26 - 29 in
4 ft 6 in	42 cm (16½ in)	22 - 25 in

The nominal frame size is the measurement from the top of the seat tube (where the saddle fits into the frame) down to the centre of the bottom bracket axle (the axle which carries the pedal cranks).



# RALEIGH - FRAMESETS

## OFF THE PEG



### TEAM PROFESSIONAL

Reynolds 531 Competition tubing with variable geometry and "shot-in" backstays. Campagnolo headset. Large, oval blade forks. Vitus Arcor fork crown. Campagnolo forged ends. All bearing surfaces are chrome-plated. In 8 frame sizes from 62cm (24½") to 64.5cm (25½"). Team colours.

## CUSTOM BUILT



### 753 PRO SUPER

Built of 753 Pro tubing. Sizes from 50cm to 60.5cm in 5mm increments. All geometry and brazed-on fittings optional. Wide range of colours including the New Team Colours.



### GRAN COURSE

Built in TI Reynolds 531 Competition Set with variable geometry shot-in backstays. Tange New Levin headset, Davis narrow sloping internal fork crown with Gipiemme forged ends and chrome-plated bearing surfaces. Shaded Blue finish. In four frame sizes from 54.5cm (21½") to 62cm (24½").



### TIME TRIALS SPECIAL

Both 735 and 531 Pro tubing frames are offered to time trials specification.



### GRAN TOUR

73° parallel frame in TI Reynolds 531 tubing Tange CMA 60 headset. Vagner fork crown. Sun Tour forged ends. Frame and fork in Gloss Black with 10" chrome ends. Choice of four frame sizes from 54cm (21") to 64cm (25").

In addition to the frames illustrated, both 753 and 531 models are offered in a number of specifications to suit Road Racing, Time Trials, all types of Track Racing as well as Cyclo-Cross and Touring.

A wide range of sizes are available to suit customers individual specifications in regard to geometry, brazed-on parts and colour finishes.

For further details of custom-built frame sets, write for the special Ilkeston leaflet to:

The Specialist Bicycle Development Unit,  
TI Raleigh Ltd, Digby Street, ILKESTON, Derbyshire.



# THE RALEIGH WEINMANN PROFESSIONAL RACING TEAM



**Steve Jones: Age 25**  
Former British Junior 25-mile champion. Represented Britain in Moscow Olympics. Twice winner of Baracchi Trophy in Italy.  
**Manager's comments:** "Very experienced, deceptively fast and strong individualist."

**John Wainwright: Age 21**  
Prolific winner of schoolboy races. Represented Britain in 1980 World Junior Championships. Member of 1983 TI Raleigh/Campagnolo Team, with 2 Pro-Am wins.  
**Manager's comments:** "Youngest team member who has already benefited enormously from a year as a Pro. Will really develop into a potent team member with us."

**Malcolm Elliott: Age 22**  
Double Commonwealth gold medallist. Best all-round British rider 1983. Winner of 6 stages of Milk Race 1983. Winner of 2 stages Sealink International 1983.  
**Manager's comments:** "Very fast finisher - physically and tactically strong."

**Dave Miller: Age 23**  
Represented Scotland in Commonwealth Games 1982. Represented Britain many times. 21 wins in France and England in 1982. 13 wins in France 1983.  
**Manager's comments:** "One of the few who can catch Malcolm Elliott at the finish."

**Nigel Bloor: Age 24**  
Represented Britain in 1977 Junior World Championships. 10 wins 1982. 5 wins 1983. Represented Britain in Peace Race 1983.  
**Manager's comments:** "Lots of unrealised potential and a fast finisher. This first season as a Pro will bring out his talents."

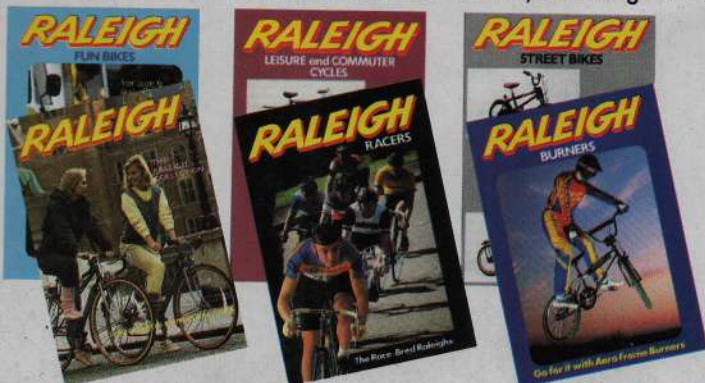
**George Shaw**  
**Team Manager**  
Managed successful Raleigh teams in the 1960s and early 1970s. He has managed professional teams throughout the continent and has also guided many of Britain's top amateur riders in a professional career.

The Team bike specification is - Raleigh 'Team' framesets built from Reynolds 753 tubing; Weinmann 405/185 brakes and Carrera rims; Simplex 4000/422 Derailleurs, seat pillar and fork ends; Maillard 700 series Heliomatic hubs and freewheels, and CXC 700 pedals; Selle Italia Turbo saddles; Sedisport chains; Vittoria tyres; Omega Mistral chainsets and headsets. GB handlebars and stems.

Granada 2.3 GL is by Cowie Contract Hire.

Clothing is by Santini. Replica team clothing is available from your local Raleigh dealer.

This catalogue is one of a set of 6 available free from your Raleigh dealer.



All the bicycles shown in this catalogue are available from your RALEIGH DEALER -

Telephone 22000  
YEovil, BA20 1NB  
South Western Terrace,  
YEovil CYCLE CENTRE

Our policy of continual improvement means that product specification and appearance may be changed while this catalogue is still in use.

 **RALEIGH**

TI RALEIGH LTD,  
NOTTINGHAM, ENGLAND