

RALEIGH

RACERS





RALEIGH

Precision. That's the key word with Raleigh racers. Every model we produce is superbly engineered down to the most minute detail.

If you're into racing in a serious way, our specialised lightweight workshop can offer you frames in 531 tubing. In the kind of geometry preferred by Tour de France riders.

Naturally, all the skills and technology learnt in making these ultimate machines also go into the making of every Raleigh racing bicycle. From our top-of-the-range 12-speed lightweight models to our junior sports and sports tourers, it's precision all the way.

Five-speed, Ten-speed, Sports Tourers with mudguards, Racers without, Gents' bikes, Ladies' bikes, we've got them all and more besides. At every price level.



What's more, since the formation of the professional TI Raleigh Campagnolo team, many of our bikes have been fitted with Campagnolo gears and equipment as standard. Yet another indication of our determination to produce supreme machines.

So whatever kind of racer you want,

you know it'll be the best in its class. And to help you enjoy it to the full, Raleigh also have a wide range of specialised clothing and accessories. Everything you could ever need. You'll find them at Raleigh dealers along with the bikes.

To help guide you through our range, you will find our models in descending price order. Our specialist TI Reynolds 531 Lightweight cycles are listed on pages 4 to 7. The general range is described on pages 8 to 13.

We have also listed each model's important features against its photograph. For details of the full specification, check the tables which appear on pages 7, 14, and 15.

Pop along to your local Raleigh dealer and have a browse. Try the bikes for size. Remember, frame size is vital for safety, speed and comfort. You'll find a chart of ideal frame sizes for height and inside leg measurements on this page.

Happy Raleigh racing.

Height (Within 3in)	Ideal Frame Size	Probable Inside Leg
6ft 2in	64cm (25in)	33 - 36in
6ft	60cm (23½in)	32 - 35in
5ft 8in	57cm (22½in)	30 - 33in
5ft 6in	54½cm (21in)	29 - 32in
5ft 4in	51cm (20in)	28 - 31in
5ft 2in	50cm (19½in)	27 - 30in
5ft 1in	47cm (18½in)	26 - 29in
5ft	46cm (18in)	25 - 28in

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).



TEAM REPLICA 12

Campagnolo Nuovo Record ensemble including gear, chainset, brakes, pedals, seat pin and small flange quick-release hubs. TI Reynolds 531 Team Professional frameset. Mavic GP4 alloy sprint rims. Clement Ritmo tubular tyres. Cinelli alloy bend and stem.

Colour: Raleigh Team colours.

Frame size:

Choice of 8 frame sizes from 52cm (20½") to 65cm (25½").

Available to special order.

Allow three months for delivery.

GRAN SPORT 12

Campagnolo Gran Sport ensemble including gear, headset, brakes, chainset, pedals, and seat pin. Full TI Reynolds 531 frame. Weinmann concave section alloy rims and Campagnolo Nuovo Tipo quick release hubs. Cinelli alloy bend and stem. ISCA Tornado suede saddle.

Colour: Pearl Caramel

(or Raleigh Team colours with sprint rims and tubular tyres).

Frame size:

51cm (20")	700 x 25 wheels.
54cm (21")	700 x 25 wheels.
57cm (22½")	700 x 25 wheels.
60cm (23½")	700 x 25 wheels.
64cm (25")	700 x 25 wheels.





RECORD ACE 12

Campagnolo Gran Sport gear. SR Custom alloy cotterless chainset. Sun Tour Ultra 6 freewheel and chain. Weinmann 605 alloy quick release side-pull brakes. 73° parallel TI Reynolds 531 frame. Engraved Italiane alloy handlebars with forged alloy stem. Esge narrow section gold chromoplastic mudguards.

Colour: Ice Green.

Frame size:

54cm (21")	27" wheels.
57cm (22½")	27" wheels.
60cm (23½")	27" wheels.
64cm (25")	27" wheels.

COMPETITION 12

Campagnolo Gran Sport gear. SR Custom alloy cotterless chainset. Sun Tour Ultra 6 freewheel and chain. Weinmann 605 alloy quick release side-pull brakes. 74° parallel TI Reynolds 531 frame. Competition small flange quick release hubs.

Frame size:

54cm (21")	700 x 25 wheels.
57cm (22½")	700 x 25 wheels.
60cm (23½")	700 x 25 wheels.
64cm (25")	700 x 25 wheels.

Colour: Polar Blue.





CLUBMAN 12

Campagnolo 980 gear. SR alloy cotterless 5-pin detachable chainset with alloy chainring guard. Weinmann alloy rims with small flange quick release hubs. Sun Tour Ultra 6 freewheel and chain. Weinmann 610 alloy centre-pull brakes with quick release levers. 73° parallel TI Reynolds 531 frame with

double-butt main tubes. Esge narrow section gold chromo-plastic mudguards. Alloy pedals fitted with toe clips and straps.

Colour: Claret.

Frame size:

54cm (21")	27" wheels.
57cm (22½")	27" wheels.
60cm (23½")	27" wheels.
64cm (25")	27" wheels.

RAPIDE 12

Campagnolo 980 gear. SR alloy cotterless 5-pin detachable chainset. Sun Tour Ultra 6 freewheel and chain. Weinmann 500 alloy quick release side-pull brakes. 74° parallel TI Reynolds 531 frame with double-butt main tubes. Weinmann alloy rims with small flange quick release hubs. Alloy pedals fitted with toe clips

and straps and fluted alloy seat pin.

Colour: Fern Green.

Frame size:

54cm (21")	700 x 25 wheels.
57cm (22½")	700 x 25 wheels.
60cm (23½")	700 x 25 wheels.
64cm (25")	700 x 25 wheels.





FRAME SETS

If you're really looking for a first-class performer you can get an off-the-shelf Raleigh Professional 531 Team Replica frameset with 73°/74° geometry, Campagnolo Record headset, Vagner fork crown and Campagnolo fork ends in a choice of six frame sizes from 52cm (20½in) to 65cm (25½in).

On the other hand, if you want a specialist machine built to your own specifications you'll probably want an ultra light-weight frame in Reynolds 753

tubing as shown in the picture. Developed in close co-operation with us, this high strength manganese-molybdenum tubing is acknowledged as the world's best by top professional riders. TI Raleigh Team framesets are handmade in Ilkeston by the men behind the world's most successful professional racing team.

You can share in the vast experience of this team by having a 753 frameset built to your own exclusive specification.

753 Dynaflite

We can also offer a limited supply of framesets in our exciting Dynaflite ovoid tubing. Each tube is designed and shaped for its specific role in the frame.

531

The original favourite on which Team Raleigh made its name. We make 531 frames for any form of cycle sport.

531 SL

A lighter alternative to 531, particularly suitable for road and

track time trials. Also for use on road race machines on better road surfaces.

Specialist Unit

For full details of all these specialist frames in the TI Raleigh Team range contact your local dealer. Or write direct with full details of your own requirements to:

Specialist Bicycle Development Unit,
TI Raleigh Ltd., Digby St., Ilkeston,
Derbyshire.

This catalogue is one of a set of four available free from your Raleigh dealer. The complete set includes.

RACERS _____ lightweights, racers
and tourers

TOWN AND AROUND _____ for commuting, shopping
and touring

FUN BIKES _____ for the under eights

ACTION BIKES _____ for the street and the track.

YOUR LOCAL DEALER



Our policy of continual improvement means that product specification and appearance may be changed while this catalogue is still in use. Spring 1982.

RALEIGH

TI RALEIGH LTD, NOTTINGHAM, ENGLAND.

TECHNICAL SPECIFICATIONS

MODEL	TEAM REPLICA 12	GRAN SPORT 12	RECORD ACE 12	COMPETITION 12	CLUBMAN 12	RAPIDE 12
Frame Sizes	20½" 21½" 22" 22½" 23" 23½" 24½" 25½"	51cm (20") 54cm (21") 57cm (22½") 60cm (23½") 64cm (25")	54cm (21") 57cm (22½") 60cm (23½") 64cm (25")	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 and Taper Gauge Stays. Campagnolo Short Forged Ends. Prugnat S4 Lugs.	Reynolds 531 Double-Butted Tubes and Taper Gauge Stays. Vitus Forged Ends. Haden Royal Sovereign Lugs.	Reynolds 531 Double-Butted Tubes and Taper Gauge Stays. Sun Tour GS Forged Ends. Haden Royal Sovereign Lugs.	Reynolds 531 Double-Butted Tubes and Taper Gauge Stays. Vitus Forged Ends. Haden Royal Sovereign Lugs.	Reynolds 531 Double-Butted Main Tubes. Raleigh High Tensile Stays with Sun Tour GS Forged Ends. Haden Olympic Lugs.	Reynolds 531 Double-Butted Main Tubes. Raleigh High Tensile Stays with Vitus Forged Ends. Haden Olympic Lugs.
Frame Angles	Geometry varies according to Frame Size.	74° parallel.	73° parallel.	74° parallel.	73° parallel.	74° parallel.
Headset	Campagnolo Strada.	Campagnolo Sport.	Tange MA60.	Tange MA60.	Tange MA60.	Tange MA60.
Forks	Reynolds 531 Taper Gauge with Vagner Italian Oval Crown and Campagnolo Forged Ends.	Reynolds 531 Taper Gauge with Vagner Italian Oval Crown and Vitus Forged Ends.	Reynolds 531 Taper Gauge Blades with Forged Vagner Crown and Sun Tour GS Forged Ends.	Reynolds 531 Taper Gauge with Vagner Italian Oval Crown and Vitus Forged Ends.	Raleigh 20-30 High Tensile Steel Blades with Forged Vagner Crown and Sun Tour GS Forged Ends.	Raleigh 20-30 High Tensile Steel Blades with Forged Vagner Crown and Vitus Forged Ends.
Wheels	Mavic GP4 Alloy Sprint Rims. Campagnolo Nuovo Record Small Flange Quick-Release Hubs. Stainless Double-Butted Spokes.	Weinmann A124 Concave Section Alloy Rims. Campagnolo Nuovo Tipo Small Flange Quick-Release Hubs. Rustless Double-Butted Spokes. (Mavic Monthlery Pro Alloy Sprint Rims on Team GS).	Weinmann 27 × 1¼" Alloy Rims. Competition Small Flange Quick-Release Hubs. Rustless Double-Butted Spokes.	Weinmann 700C Alloy Rims. Competition Small Flange Quick-Release Hubs. Rustless Double-Butted Spokes.	Weinmann 27 × 1¼" Alloy Rims. Atom Small Flange Alloy Quick-Release Hubs.	Weinmann 700C Alloy Rims. Atom Small Flange Alloy Quick-Release Hubs.
Tyres	Clement Ritmo Tubular.	IRC 700×25C Skinside High Pressure. (Clement Ritmo Tubular on Team GS).	Raleigh 27 × 1¼" Gumwall High Pressure.	Raleigh 700 × 25C Gumwall High Pressure.	Raleigh 27 × 1¼" Gumwall High Pressure.	Raleigh 700 × 25C Gumwall High Pressure.
Mudguards	No Clearance.	No Clearance.	Esge Narrow Section Gold Chromoplastic.	No Clearance.	Esge Narrow Section Gold Chromoplastic.	No Clearance.
Handlebar	Cinelli No. 65 Alloy Bend. Yellow Benotto Tape.	Cinelli No. 65 Alloy Bend. Black Cloth Tape. (Engraved Italiane Alloy Bend with Yellow Benotto Tape on Team GS).	Engraved Italiane Alloy Bend. Brown Cloth Tape.	Engraved Italiane Alloy Bend. Black Cloth Tape.	Raleigh Italiane Alloy Bend. Black Cloth Tape.	Raleigh Italiane Alloy Bend. Black Cloth Tape.
Stem	Cinelli No. 1A	Cinelli No. 1A. (SR Apex Forged Alloy on Team GS).	SR Apex Forged Alloy.	SR Apex Forged Alloy.	SR Custom Light Alloy.	SR Custom Light Alloy.
Brakes	Campagnolo Nuovo Record.	Campagnolo Gran Sport.	Weinmann 605 Alloy Side-Pull. Quick-Release with Wheel Guides.	Weinmann 605 Alloy Side-Pull. Quick-Release with Wheel Guides.	Weinmann 610 Alloy Centre-Pull. Quick-Release Brake Levers.	Weinmann 500 Alloy Side-Pull. Quick-Release.
Derailleur	Campagnolo Nuovo Record. Direct Fit Levers.	Campagnolo Gran Sport. Direct Fit Levers.	Campagnolo Gran Sport Front and Rear with Clip-Fit Down Tube Levers.	Campagnolo Gran Sport Front and Rear with Clip-Fit Down Tube Levers.	Campagnolo 980 Front and Rear with Clip-Fit Down Tube Levers.	Campagnolo 980 Front and Rear with Clip-Fit Down Tube Levers.
Chainset	Campagnolo Nuovo Record with 52/42T Super Record Rings. 170mm Cranks.	Campagnolo Gran Sport 5 Arm 52/42T. 170mm Cranks.	SR Custom Alloy Cotterless 52/42T. 170mm Cranks.	SR Custom Alloy Cotterless 52/42T. 170mm Cranks.	SR Alloy Cotterless 5 Pin Detachable with Alloy Chainring Guard. 52/42T. 170mm Cranks.	SR Alloy Cotterless 5 Pin Detachable 52/42T. 170mm Cranks.
Freewheel	Regina Oro. 13-14-15-16-17-18 Teeth.	Sun Tour Ultra 6 Silver. 13-14-15-17-19-21 Teeth.	Sun Tour Ultra 6 Silver. 14-16-18-21-24-28 Teeth.	Sun Tour Ultra 6 Silver. 13-14-15-17-19-21 Teeth.	Sun Tour Ultra 6 Silver. 13-14-15-18-21-24 Teeth.	Sun Tour Ultra 6 Silver. 13-14-15-18-21-24 Teeth.
Chain	Sedisport Gold.	Sun Tour Ultra 6 Narrow.	Sun Tour Ultra 6 Narrow.	Sun Tour Ultra 6 Narrow.	Sun Tour Ultra 6 Narrow.	Sun Tour Ultra 6 Narrow.
Pedals	Campagnolo Nuovo Record.	Campagnolo Gran Sport.	Alloy Quill.	Alloy Quill.	Alloy Quill.	Alloy Quill.
Saddle	Isca Tornado.	Isca Tornado.	Brown Suede.	Black Suede.	Black Suede.	Black Suede.
Seat Pin	Campagnolo Nuovo Record.	Campagnolo Gran Sport.	SR CTP5 fluted Alloy with Single Allen Bolt Adjustment.	SR CTP5 fluted Alloy with Single Allen Bolt Adjustment.	SR CTP5 fluted Alloy with Single Allen Bolt Adjustment.	SR CTP5 fluted Alloy with Single Allen Bolt Adjustment.
Extras	SA Sportif Toe Clips/Straps. TA Allen Key Seat Bolt. Bottle and Alloy Cage.	Christophe Toe Clips. SA Sportif Toe Straps. TA Allen Key Seat Bolt. Bottle Cage Mount. (Water Bottle and Alloy Cage on Team GS.)	Christophe Toe Clips. Leather Toe Straps. Allen Key Seat Bolt. Bottle Cage Mount.	Christophe Toe Clips. Leather Toe Straps. TA Allen Key Seat Bolt. Bottle Cage Mount.	Christophe Toe Clips. Leather Toe Straps. Frame Fitting Inflator. Bottle Cage Mount.	Christophe Toe Clips. Leather Toe Straps. Frame Fitting Inflator. Bottle Cage Mount.
Approx Weight.	22lb (22½" Frame).	23½lb (23½" Frame).	25½lb (22½" Frame).	23½lb (22½" Frame).	26½lb (23½" Frame).	25lb (22½" Frame).