



RALEIGH

1986



The Specialist Bicycle Development Unit
TI Raleigh Limited
Digby Street, Ilkeston, Derbys.

INTRODUCTION

Every year we analyse where we have been and what we have done, so that we can build more detail into our product range. This year we have done everthing from drag strip bashes to mountain bike bashes, from CTC tours to Tour de France. Despite the weather, which rained on rich and poor alike, we have again moved ahead and added more detail.

One area of our catalogue which has suffered by our yearly additions and alterations is your ability to sort out which model is which. To try to make your model selection easier, we have re-grouped the range and changed the names of some models to make this task simpler.

In each of the groups, the models are intended for the same role, the Services des Courses road models for top level international road races, the Lo-Pro's for short distances time trials, or for pursuits and kilo's on the track. More detail follows, but the basic groupings describe the intent of the product.

As in previous years, we supply through our Raleigh Dealers who are your guarantee of on-going service and satisfaction. We also deal with you, the customer, to design the frameset for you and your type of cycling. If what we have is what you want, you may either write your own specification and send it to us via your dealer, or you may come here and we will assist you with the specification. If you wish to visit us, please tell your dealer who will arrange an appointment. The more specialized your requirement, the more necessary it is to see you and for framesets such as Lo Pro's this is more or less essential.

Almost every imaginable braze on is as standard, a very wide range of colours are available, if what you want is not in this list, please ask and if it is possible for us to do it we will. We will not chromium plate 753, it is wrong to do so, but we do offer chromium plate on 531 models as appropriate. Other than that we are here to do whatever you want. We regret that this does not include tandems and trikes, but we can't be experts at everything.

'Services des Courses' Road.

8601 - 8603 - 8605

These are definitive road racing framesets for International level road racing and are in every detail as used by our own teams and by home and overseas international riders, as well as discerning clubmen and women. The lugs, fork crown and bottom bracket are Cinelli, the tubing is the best, Reynolds, whether 753R or 531C. No other tube will do and the choice is yours in keeping with your budget.

These models are offered with a very full range of 'braze ons' to your choice including race number tags and front changer brackets. The size range is from 49cms to 64.5cms, with top tube and geometry to suit you. All colours in the range are available, plus a semi-chrome finish on the 8605.

'Road Champion'.

8607 - 8609 - 8611 - 8613 - 8615

These are called the Road Champion range simply because so many championships, including two World Road Race Championships have been won on them. The design of these has been the subject of continuing review and updating as necessary.

The design philosophy is to provide a somewhat wider range than the Services des Courses range, to suit a wider range of uses. Materials range from 753R through 531 Pro to 531C, using Prugnat lugs and Cinelli fork crowns. The 8607 - 753 has a Cinelli bracket, the others have Haden de Luxe brackets. Seat stays can be fitted to the side or rear of the seat lug, rear forks ends can be horizontal or vertical.

Sizes are from 49cms to 64.5cms, with the rest of the geometry to suit you and your form of cycle sport. The full colour range is available plus chrome as indicated on the model chart. All the standard range of 'braze ons' are available.

'Time Trials Special'.

8617 - 8619-8621

Made from 753R or 531 Pro, these are the definitive Time Trial versions of the 'Champion' range above. They are normally equipped with Cinelli SC Aero fork crowns and vertical drop outs, otherwise the materials, colours and sizes are as those used on the 'Champion' models.

'Services des Courses' Track.

8623 - 8625 - 8627

This is the track equivalent of our 'Services des Courses' road, being intended for the serious international contender on indoor and outdoor tracks. They are purpose built for the customer's needs and we do recommend consultation with us whenever possible.

The tubing is either 753 or 531 to choice with Cinelli lugs and bracket and either a Cinelli or Fischer cast fork crown to suit the end use. The colour range is as for the road models. The 8627 531C comes with chrome fork and rear triangle. Alternative guages of tube are available for special purpose frames.

'Track Champion'.

8629 - 8631 - 8633

The Track 'Champion' range get their name from the same source as the Road Champions, they have won so many championships over the years that we have lost count. Available in 753 and 531C, they can be built to suit specialised events, or for general track racing.

Lugs are Prugnat with Cinelli bracket on the 753 and Haden on the 531 versions. Fork crowns are Fischer or Cinelli to suit, the full colour range is available and semi-chrome is available on the 8633.

'Lo-Pro' Road and Track.

8635 - 8637 and 8639 - 8641

These specialised frames are for short distance time trials (8635-8637) and for pursuit and kilo on the track (8639-8641). In both cases these are intended for riders who have reached somewhere near the top of the tree and have an established style and position. We can then transfer this position to a 'Lo-Pro' to give the maximum benefit to the rider. These framesets are only made for 24" front wheels, but may be specified for 80 or 100mm front hubs.

Tubing is special 753 or 531 butted with own hand made lugs and bottom brackets. Braze on's etc, are to customer requirements and it is always best if we consult together to decide what to fit.

The colour range is as for other models, but we prefer not to chromium plate the 531 version.

'Randonneur'. 8643 - 8645

These two models are made in 753 and 531C respectively and are purpose built for 'Randonneur' events, for serious touring, or can be built for Rough-Stuff work. Every imaginable brazing can be supplied, the only extra being Mafac type brake pivots if required. Since these come with the brakes, we fit them free if the customer supplies.

We can fit double eyes for carrier and mudguards, front and rear mudguard bridge sockets (where braze on brakes are used). Two sockets for Jim Blackburn type rear carriers. Bottle cage mounts, pump pegs (please state exact fitting length), brake guides or stops. Please let us know all your requirements and we can then equip your frameset to give total satisfaction.

'Cross Champions' 8647 - 8649

Some 15 National titles, plus more we have forgotten, justifies the name. Reynolds 753 or 531C is the tube, with other parts as specified for the Road Champion range. Vertical rear dropouts are fitted, but road ends are optional. We usually find that cross riders have their own preference for the positioning of brake and gear cable transmissions. If you have please tell us. Otherwise we build for twin handlebar controls with 'bare wire' brake cables on the top tube.

Almost all riders will require braze on Mafac type brakes, please supply the braze on bosses, otherwise we will supply as an 'extra'.

Colours and sizes are as for other models. We have never been asked for chrome on cross frames, but this can be done for the same price as the equivalent 531 Road Champion model.

'Maverick Super' 8651

The 'Maverick Super' is built to individual specification from the latest Reynolds 531 ATB tube. Sizes run from 48.5cm upwards and our own experience is that frames need to be 4 cm smaller than road frames, as a norm, and as much as 6 cm smaller for rough stuff racing.

The key to real satisfaction is to work out exactly what equipment you intend to fit to your frameset. The standard brake pivots we fit will accept Shimano Deore, Weinmann or Dia Compe brakes. If you need anything different, please supply the brakes and pivots with order and we will fit them. Brake and gear wires can be accommodated by guides for covered cables, or by stope and fittings for bare wire transmissions. We recommend the latter for ease of lubrication and maintenance.

Frames can be built for 126 or 130mm rear hubs. Please check which, as it is too late when the frame has been built. Front and rear dropouts can be fitted with single eye for mudguards, or double eyes for mudguards and carrier. The fork crown can be fitted with single M5 socket screw for a mudguard bridge, or socket front and rear for mudguards and carrier. The seatstay bridge has an M5 socket for mudguard bridge. Twin bottle cage mounts are standard, fitted to down tube and seat tube, but these can be omitted if required.

Colours are as per the catalogue range, but for the serious cross country enthusiast we would recommend something that does not show the dirt, or for the serious poseur, white, which does show all the dirt.

DETAIL SPECIFICATION

'BRAZE ON'S'

On the road frames, we offer the standard option of:-

Gear Lever Bosses - 1, 2, or nil. Gear Cable - Under or on top of bracket.
Chainstay stop - Over or under chainstay. Bottle cages - Single or Double or nil.
Brake Cable Stops/Guides - 2, 3, Under Left/right/centre or top centre or nil.
Front Changer Mounting - Campag or Simplex. State outer chainring sizes (extra on 531C).
Race number Tag - Optional. Chainhook - Optional. Mudguard eyes - front & rear.
Mafac Type brake pivots - Extra unless supplied (Rear brake cable support F.O.C.).
Pannier Mounts - Jim Blackburn F.O.C. Other fitted either to drawing or send pannier.
Pump pegs - Please advise exact length of pump as fitted or supply pump.

CLEARANCES.

Brake clearances are normally bare (no brake) 40mm (Ultrashort) 47mm ('Piccolo') or 52mm (Standard). Others are available so long as clear measurements are provided. Allen key brake fittings are standard, if the brakes are to be plain bolt, please state. Where mudguard fittings are asked for, we assume that plain bolt brakes will be used, and front and rear clearance for guards is also required. Please make your requirements clear, in special cases specify rim and tyre to be used.

CHROME PLATE. (Only available on 531 Pro and 531C Models).

We currently supply three levels of chrome plate.

1. Chrome Fork - fully chromed fork, with or without 3" of self colour at top of fork blade.
2. Semi-Chrome - Fully chromed rear triangle and front fork. This can be paint finished to rear bridges and with 3" of self colour on fork top if required.
3. Full Chrome - Chrome plated all over with 'Team' coloured head and 'Team' transfers. Other head tube colours will be considered where practicable

SEAT STAY FITTINGS

On all models with Cinelli lugs, seatstays are fitted to the side of the seat lug. On all other models, seat stay fitting is optional on side or 'fast back'. We recommend the seat stays to be fitted to the side of the seat lug on any frame 60 cm or larger and wherever severe service is envisaged. Where mudguards or panniers are to be used, seat stays must be fitted to the side of the seat lug to give satisfactory clearance and fitting in all frame sizes.

COLOURS

1. Raleigh 1986 Team Colours. (Also 'old' T.I. Raleigh Colours.
2. Gloss enamels:- Red, White, Oxford Blue, Yellow, Orange, Black and Blaze Blue.
3. 'Pearlescent' Finish :- Oyster, Anthracite, Polar Blue, & Caramel.
4. 'Metallics':- Fern Green, Space Blue, Silver, Gold & Gunmetal.
5. 'Flamboyants':- Carmine, Electric Blue, and Sunset Yellow.

All Fitted with the appropriate transfers.

We will attempt other colours if a colour sample is provided.

FITTINGS.

Frames are delivered, fitted with the appropriate headset and seatbolt with all screw threads machined ready for assembly. Where necessary special purpose bolts, screws or ferrules are supplied. (See specification chart).

It is important to fit the correct size seat pillar. All frames have a label near the seat lug giving the correct seat pillar size.

We reserve the right to change any material specification as a result of unsatisfactory delivery or performance of any component. This will normally be done after consultation and discussion with the dealer.

SERVICE.

We will refinish any 'Ilkeston' made product. This service includes, re-tracking, re-machining of all screw threads and carriage home. Frames for refinishing should be stripped and returned via your Raleigh dealer.

Where practicable we will repair any 'Ilkeston' made product. Repairs normally also involve re-finishing, but minor 'running-repairs' during the season can sometimes be 'touched in' to avoid loss of time. Whenever possible during the racing season we will treat your repair as a matter of urgency and turn it round during the week.

THE 1986 RANGE.

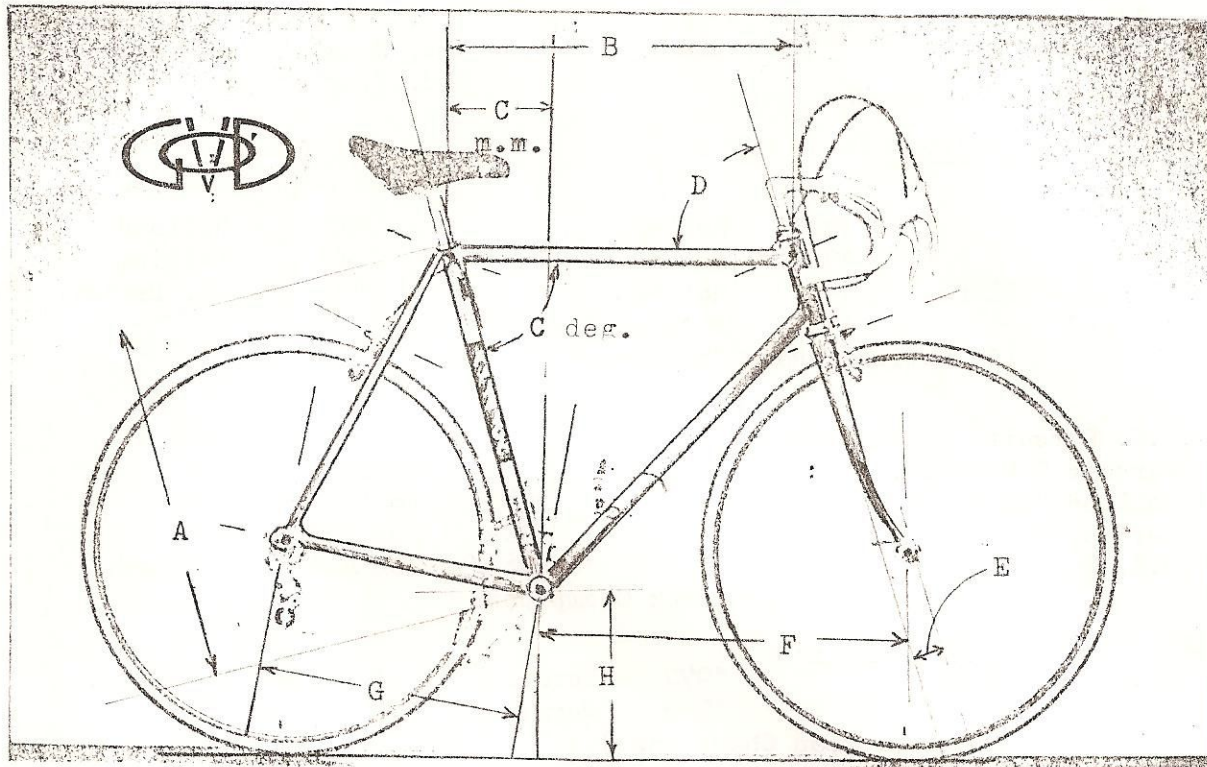
8601	753R	Services des Courses Road
8603	531C	Services des Courses Road
8605	531C	Services des Courses Semi-Chrome
8607	753R	Road Champion
8609	531 Pro	Road Champion
8611	531 Pro	Road Champion Semi-Chrome
8613	531 Pro	Road Champion All Chrome
8615	531C	Road Champion
8617	753R	Time Trial Special
8619	531 Pro	Time Trial Special
8621	531 Pro	Time Trial Special Semi-Chrome
8623	753R	Services des Courses Track
8625	531C	Services des Courses Track
8627	531C	Services des Courses Track Semi-Chrome
8629	753R	Track Champion
8631	531C	Track Champion
8633	531C	Track Champion Semi-Chrome
8635	753R	Lo-Pro Road Time Trials
8637	531	Lo-Pro Road Time Trials
8639	753R	Lo-Pro Track Pursuit-Kilo
8641	531	Lo-Pro Track Pursuit-Kilo
8643	753R	Randonneur
8645	531C	Randonneur
8647	753R	Cross Champion
8649	531C	Cross Champion
8651	531 ATB	Maverick Super



TI Raleigh Limited

Telephone (0602) 324211

Specialist Bicycle
Development Dept.
Digby Street, Ilkeston
Derbyshire



Dealer.....

Customer.....

Order No..... Tube.....

Size..... Model.....

Gears..... Brakes.....

Fork Ends..... Dropouts.....

Bracket..... BSC/M35 Crown.....

Gear Boss..... 1/2H.B. Control..... 1/2

Brake Cable Stops/Guides 2/3 under/top/L/R

Gear Cables 1/2 Over/Under Bkt..Chain Hanger

Bottle Cage DT/ST/Both. Bridge.....

Colour..... Transfers.....

Headset.....

Other Brazings.....

Other Fittings.....

Other Information.....

A	B	C	D	E	F	G	H

* Head Tube:-
* Down Tube:-
* Down Tube Angle:-
* Backstay Length:-
* for factory use only.

Rider Weight.....

Intended Use.....

Road/Track Surface.....

Chain Rings 1/2 Max 1..... Min 1...

Max 2..... Min 2...

Cranks.....Stem.....

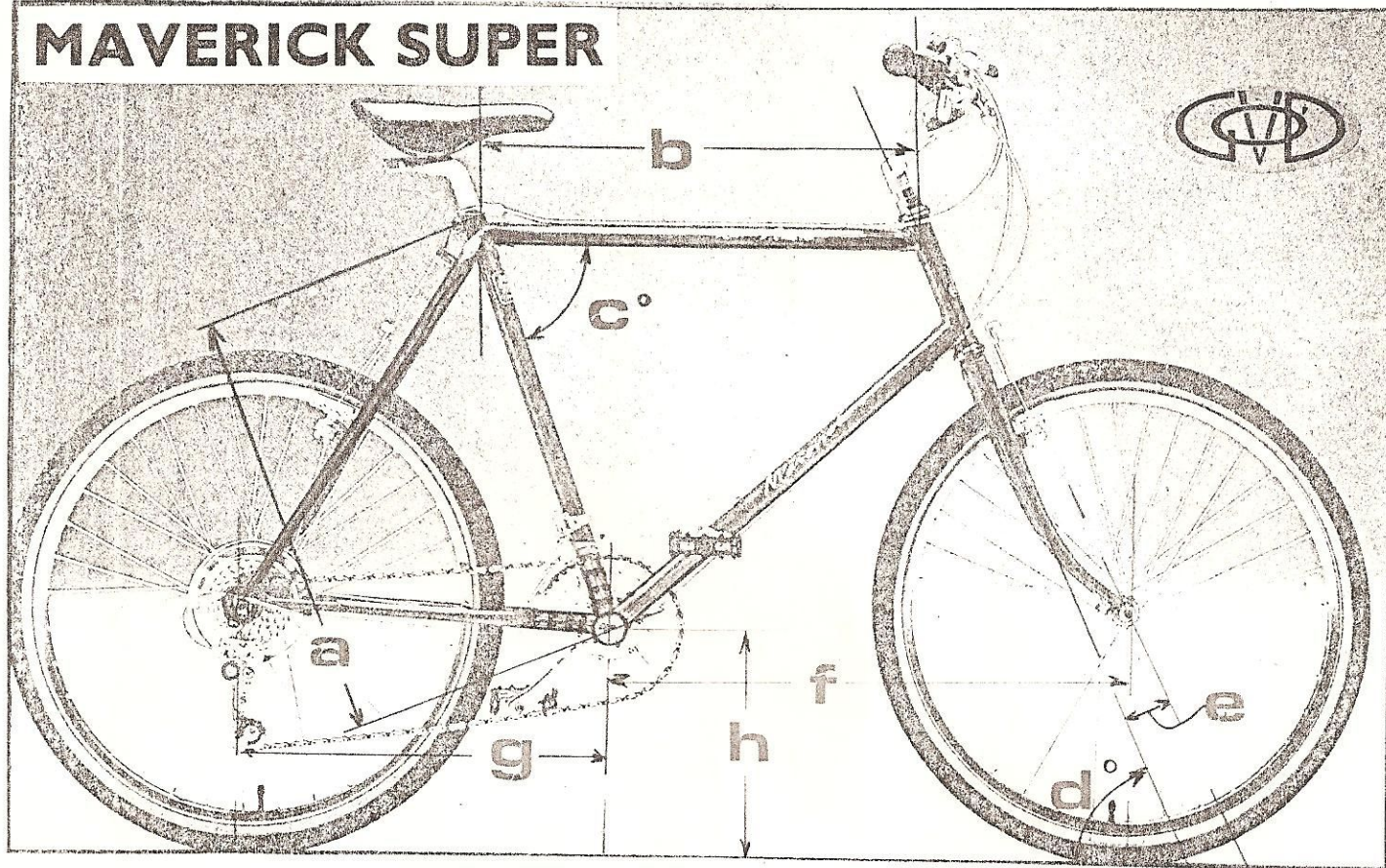
Rims.....Hubs.....

Max Tyre Section.....

.....

Frame No:.....

MAVERICK SUPER



Dealer.....

Customer.....

Order No. Yours..... Ours.....

Tube. 531 Model *8651/8652

Size *..... Gears *15/18

Hub width *126/130. M/guard eyes *Y/No

Rear Fork Ends *Horizontal/Vertical

Bottles *Down tube/Seat tube/Both

Gear Cables *Bare Wire/Covered Cables

Brake Cables *Bare Wire/Covered Cables.

Other Brazed on fittings.....

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When assembles the following parts will be used.....

.....

Colour *Flame Red. Black. Anthracite. Silver. Oxford Blue. Space Blue. Oyster.

Other.....

*Please delete or indicate as necessary.

FRAME NUMBER.....

A	B	C	D	E	F	G	H
49	54.5	70		6.2		45.5	29
50.5	54.5	70		6.2		45.5	29
52	56.0	69.5		6.0		45.5	29
53	56.0	69.5		6.0		45.5	29
55	56.0	69.5		6.0		45.5	29
57	56.0	69.5		6.0		45.5	29
Factory Use Only.				BHA:-			
B. Stay:-				DT:-			
				HT:-			

WORLD CHAMPIONSHIPS.ROAD:

1977 2nd. Thirau
 1978 1st. Knetmann.
 1979 1st. Raas.

TRACK:

1974 - 1975
 1979
 1982

Schuiten
 1st. Oosterbosch. Pursuit
 1st. Singleton. Keirin.
 2nd. Singleton. Sprint.

(6 World Champions)

NATIONAL CHAMPIONSHIPS (wins only)ROAD:

1974	Germany	1979	Holland	1983	Holland
1975	Germany	1980	Holland	1984	Belgium
1976	Germany-Holland	1981	Holland	1984	Gt. Britain (Criterium)
1978	Holland	1982	Belgium-Holland		

(13 National Road Champions)

TRACK

1974	U.K. Pursuit, Holland Sprint, Pursuit & Madison.	1977	Holland Madison.
		1981	Holland Pursuit.
1975	Holland Madison & Pursuit	1983	Holland Pursuit
1976	Germany Pursuit	1984	Holland Pursuit.
1985	U.K. Pursuit	1984/5	Holland Motor Paced.

(14 National Pro Track Champions)

EUROPEAN TRACK CHAMPIONSHIPS:

1975	Omnium & Madison.	1977	Dernys.	1981	Dernys.
1976	Madison.	1980	Dernys.		

(6 European Champions)

WORLD CUP FOR TEAMS

1977	3rd.	1978	3rd.	1979	1st.	1981	3rd.	1982	1st.	1983	1st.	1984	1st.
1985	1st.												

(5 World Cups)

CLASSIC WINS.

Het Volk	1981 - 1985	G.P. Frankfurt.	1975-77-83-84-1985
Tour of Flanders	1979-83-84-85	G.P. Zurich	1983 - 1984
Gent Wavelgem	1980-81-82-83-85	Paris Bruxells	1978-83-1984
Pasie-Roubaix	1982.	Autumn Tour (Blois-Chaville)	1978-1981

Amstel Gold 1978-79-80-82

(28 Classic wins to date)

TOUR de FRANCE.

1976	5 stages.	1981	4th, 7 stages.
1977	2nd. 5th. 1st. Team Time points 10 stages.	1982	3rd. 1st. Team points, 6 stages.
1978	1st. Team points. 10 stages	1983	3rd. 1st. Team time & Points, 4 stages
1979	6 stages.	1984	5th 1st. Team points & 2 stages.
1980	1st. Overall. 1st. Team points 12 stages (Record)	1985	3 stages.

(65 stage wins and 8 Team awards since 1976)

OTHER TOURS (wins only)

Belgium	1980-81-1984.	Romandie	1978
Holland	1976-77-78-79-80-81-83-84-85	Paris-Nice	1977
Switzerland.	1976-78-79-85 (1st. team, 1976-79-84-85)	America	1983
Gt. Britain	1978	Mediterranean	1976-78-80-83-85
Luxemburg	1977-1980	Sea Link	1984
Dauphine	1980-1985	Norway	1985
De Panne	1981-82-83-1984		
Dunkirk	1977-81-1983		
Bressages	1980-81-82-83-84-1985		

(44 Tour wins)