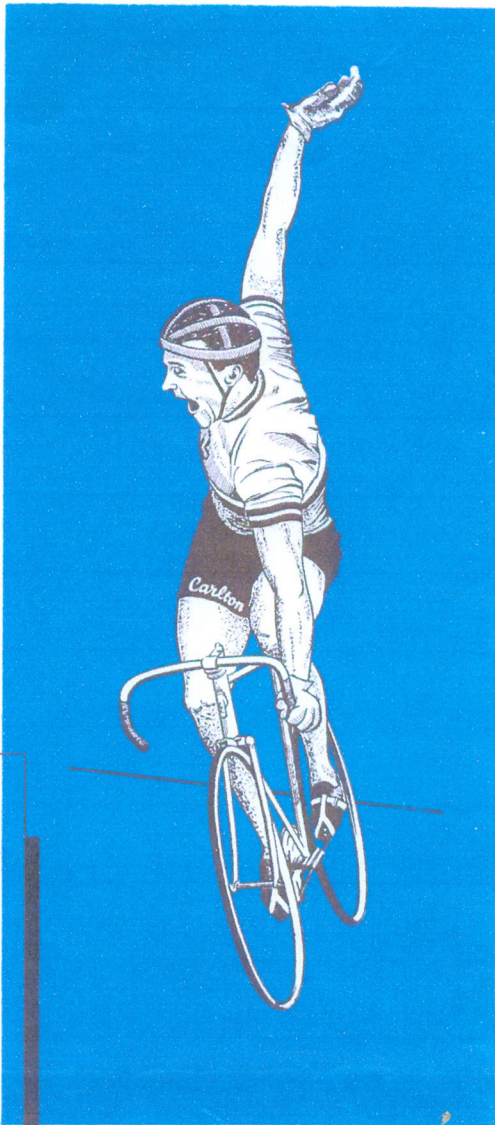


Carlton

THE HAND-MADE CYCLE

Cycles and
Frames for
1960

1ST
over the
line—
1ST
in
Design

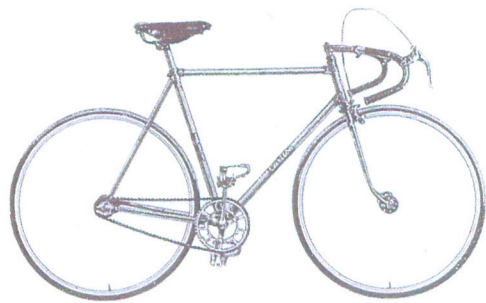


Flyer Frames for Road and Track

This **NEW** range of Super frames are all built with Reynolds 531 butted tubes, forks, and stays. Either Oscar Egg or the new Carlton Capella type lugs are used in their construction.

To cover the various demands of Club folk: eight different basic frames are offered: five Road frames and three Track frames.

These frames are finished in either flamboyant or enamel colours with contrasting head and seat panels with lugs suitably lined. Additional finishing, lug work, and Chromium Plating is available as per the list shown below.



FLYER ROAD FRAMES

Are supplied with Oval forks and $\frac{1}{2}$ " wrap over seat stays, excepting 25" frames when $\frac{3}{8}$ " stays are fitted. Frames are available in the following sizes, and angles:

25"	73" head. 71" seat.	21"	72" parallel.
24"		22"	
20"	71" head. 73" seat.	22½"	72" parallel.
19"		23"	

TYPE R.A. Heavy gauge forward opening ends, integral mudguard eyes, B/O brake cable eyes and 18" pump pegs. No gear brazings. £13 7s. 6d.

TYPE R.B.1 As model R. A. but single gear brazings for Benelux Simplex, or Huret gears. £13 7s. 6d.

TYPE R.B.2 As model R.B.1 but with twin lever gear brazings for Benelux, Simplex or Huret gears. £13 12s. 6d.

TYPE R.C.1 Fitted Campagnola rear ends, and single Campagnola gear boss, 18" pump pegs and integral eyes. £14 7s. 6d.

TYPE R.C.2 As model R.C.1 but fitted with twin brazings for Campagnola gear. £14 15s. 0d.

Lamp brackets are not fitted unless requested.

FLYER TRACK FRAMES

Are all built with $\frac{5}{8}$ " wrap over seat stays and long track ends to give a sturdy rear triangle. Round forks are fitted incorporating the ECKLA double plate crown. These frames are available in 21", 22", 22½", 23" and 24" sizes.

TYPE R.T.1 Built with brake clearance 73" parallel angles. Integral mudguard eyes and fork crown drilled for front brake, bracket height suitable for grass track work. £13 10s. 0d.

TYPE B.C. Built to bare tubular clearances. 73" parallel angles, fork crown undrilled. £13 10s. 0d.

TYPE MADISON Short wheel base frame, to suit indoor tracks. 74" head angles. 1½" fork rake, this frame has been used successfully by many riders on indoor Continental tracks. 21½" and 22½" sizes only. £13 10s. 0d.

EXTRAS ON FLYER FRAMES

Nervex Professional lugs	10s. 0d.
International lugs	15s. 0d.
Feather lining	17s. 6d.
Chromium plating	as per separate extras list.

COMPLETE FLYER MODELS

Two Flyer machines are listed and the specifications are shown below, in addition we are always pleased to quote for Flyer models equipped to customer's individual specification.

FLYER MODEL R.B.1 G.B. alloy bend and stem. Weinmann brakes. Bluemels Club special guards. Brampton 3/32" chain. Lyotard steel pedals. Weinmann alloy rims. Dunlop R.R. tyres. B.W. No. 23/25 alloy hubs. Brooks B.15 saddle. Williams C.34 chainset. Benelux 5-speed gear.

FLYER MODEL R.T. Front Weinmann brake. Double fixed wheel. B.W. large flange Continental hubs. G.B. steel bend, and steel Cresta badged stem. Lyotard platform pedals, components otherwise as type R.B.1.

Selected Colour Finishes

Whilst any Carlton machine can be finished in any of our range of Flamboyant and enamel colours, for guidance we list below a number of selected finishes.

CATALINA SPL.

Red, Blue, Green or Mauve Flamboyant, Black, White, or Pastel panels and guards, pump, hubs and brake levers to match basic colour.

Gunmetal, Golden Lime or Copper Flamboyant with either Red, Green or Blue panels, pump, hubs and brake levers.

Red Flamboyant with Blue or Green flam panels, pump, hub and brake levers.

Pink, Ivory, Ice Blue or White with Red or Ducal Blue panels, pump, hubs and brake levers.

Black with either Red, Blue or Green panels, pump, hubs and brake levers.

OTHER MODELS

Ducal Blue, Green flam, Ice Blue, or French Grey with Orange panels and guards.

Burgundy flam, Red or Copper flam, with Ice Blue or Green contrasts.

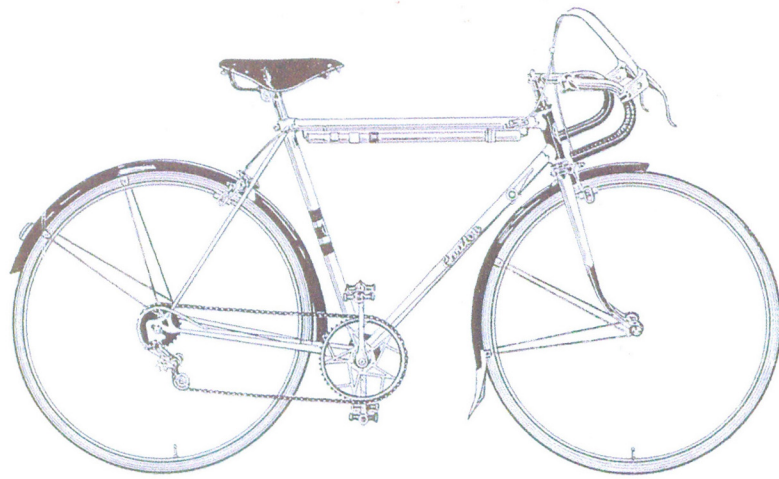
Eau-de-nil, with Dark Green panels and guards.

Black, with White, Ice Blue, Red or any Flamboyant contrasts.

French Blue, Gunmetal, or Bottle Green with Pink panels and guards.

Lilac enamel or Golden Lime with Tyrian Mauve contrasts.

Franco-Suisse



Equipped with a 5-speed gear, a 23" model weighs under 24 lbs.

THE FRANCO-SUISSE MODEL HAS BEEN DESIGNED TO PROVIDE A REALLY LIGHT MACHINE, YET AT THE SAME TIME A MACHINE DURABLE ENOUGH TO STAND THE RIGOURS OF RACING AND GENERAL CLUB RIDING.

FRAME AND FORKS Built throughout with Reynolds 531. Butted tubes, forks and stays, 19" to 25" sizes, angles to order. OSCAR EGG LUGS. Wheelbase, bracket height and other measurements to order. Oval or round section forks, pattern and rake to order. $\frac{1}{2}$ " seat stays, rapid taper, round, oval-round, or standard taper chainstays. Lamp bracket not fitted unless requested.

WHEELS Weinmann alloy rims built on Bayliss-Wiley small flange No. 23/25 or Dubied alloy hubs. D.B. spokes. Dunlop road racing high pressure tyres.

TRANSMISSION Williams B.1109 alloy chain ring with steel lightweight cranks. Brampton 3/32 chain.

GEAR Benelux 4, 5, 8 or 10 speed.

BRAKES G.B. Coureur Plus.

PEDALS Lyotard No. 460 alloy.

HANDLEBAR AND STEM G.B. alloy pattern to choice.

SADDLE Brooks B.15 (any pattern) Mansfield Bath Road, or Ormond Sprinter.

MUDGUARDS Bluemels Club Special or Baileys' Swallow.

FINISH Any enamel or flamboyant colour with head and seat panel, lugs lined, forks plated crown and tips.

Soixante Superbe

A superbly finished model with a really top class specification. The frame is built with Reynolds 531 butted main tubes, with Reynolds 531 round fork blades and incorporates a double plate Eckla crown. All usual brazings are included. Wrap over top stay eyes are standard.

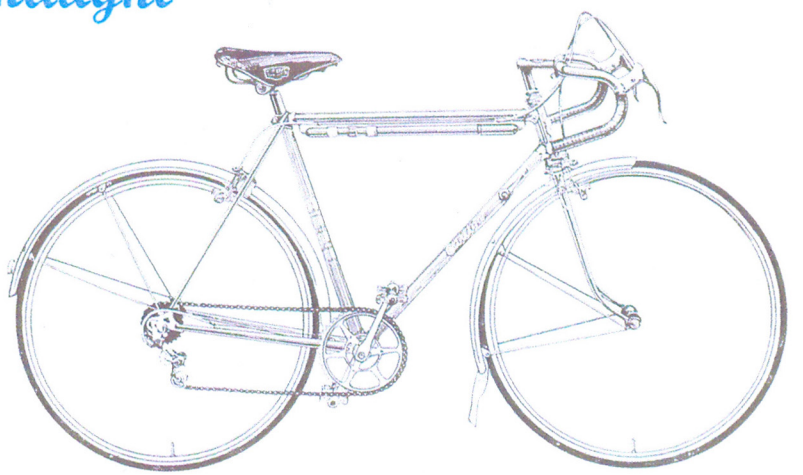
Equipment includes:

G.B. alloy or Cresta stem. Weinmann Vainqueur brakes. Lyotard alloy pedals. Dunlop road racing tyres and rims. Dubied alloy or Bayliss-Wiley 23/25 alloy hubs. Brooks B.15 saddle. D.B. spokes. C.34 chainset. Benelux "60" or Huret Allvit gears.

FINISH.—Colour to choice with contrasting head and special **SOIXANTE SUPERBE** double mitral seat panel. Frame head lugs and $\frac{3}{4}$ " rear ends plated, fork crown and $\frac{3}{4}$ " tips.

The Connaught

Re - introduced by popular demand the New CONNAUGHT incorporates many new features. The specification now includes a Reynolds 531 round fork enhanced by the Eckla double plate crown, wrap over top stay eyes and the New Cresta badged stem.



Equipment includes:

Reynolds 531 frame tubes. Cresta steel stem or G.B. alloy. Weinmann or G.B. Mark III brakes. Lyotard steel pedals. Dunlop road racing tyres and rims. B.W.S.F. steel hubs or Dunlop Sprite H.P. tyres and Dubied alloy hubs. B.15 saddle. C.34 chainset. D.B. spokes. Benelux Mark 7 gear.

FINISH.—In the traditional **CONNAUGHT** styling with the head and front forks chromium plated; the head tube and top 4" of the fork blades are sprayed with flamboyant paint to give a brilliant contrast to the plating and main colour. Four panels on the seat tube, lug lining and transfers complete a really outstanding finish.

Ladies' Models

Carlton Courette



THIS MODEL CAN
BE SUPPLIED
WITH DROPPED
OR
UPTURNED BARS

Any model in the Catalogue can be supplied with a Ladies' **OPEN** Frame, at the same price as the corresponding Gent's model. The **CARLTON COURETTE** employs Twin lateral stays in its frame construction and provides an ideal mount for the rider who wishes to use the machine for both business and for touring and hostelling.

FRAME Reynolds 531 tubes.

BARS AND STEM G.B. alloy. All rounder or dropped bend to choice.

BRAKES G.B. or Weinmann.

CHAINSET Williams C.34.

WHEELS Dunlop Sprite high pressure tyres on H.P. or Endrick rims.

SADDLE L.15 standard or L.15 Swallow.

GEARING Sturmey Archer hub, free-wheel or Benelux Derailleur.

MUDGUARDS Club Special or Swallow in colour or white.

FINISH In any attractive colour or flamboyant finish suitably lined or panelled to choice.

A first-class alloy chainguard can be fitted as an extra.

In purchasing a "Carlton" you are investing in a cycle that is Hand-made by experienced craftsmen to designs that have been proved in competition at Home, and Abroad.

Carlton machines have been ridden successfully on Road and Track for many years, winning countless championships, including World, Empire and National. At every Olympic and Empire Games held in the last decade medals have been won by Carlton riders.

Carlton cycles were first produced in 1898, since 1936 (excluding the war years) our factory has concentrated solely on the manufacture of Lightweight hand-built Racing and

Sports cycles. Especial care is taken in the Enamelling and Plating processes to ensure lasting and attractive finishes.

We are always pleased to quote for machines built to customers own specification, the components on any models can be altered to suit individual requirements.

Carlton dealers are selected for their knowledge of all phases of Cycling and their ability to give service including Hire Purchase facilities.

The Carlton testing staff is comprised of keen cyclists whose interests vary from Touring, Time Trialing, to International Track and Road Racing.

Two machines designed for speed. The specification of the Sprinter includes many features making it an ideal machine for track work and short distance time trials.

The Super Race is primarily designed for massed start and distance riding.

SPRINTER

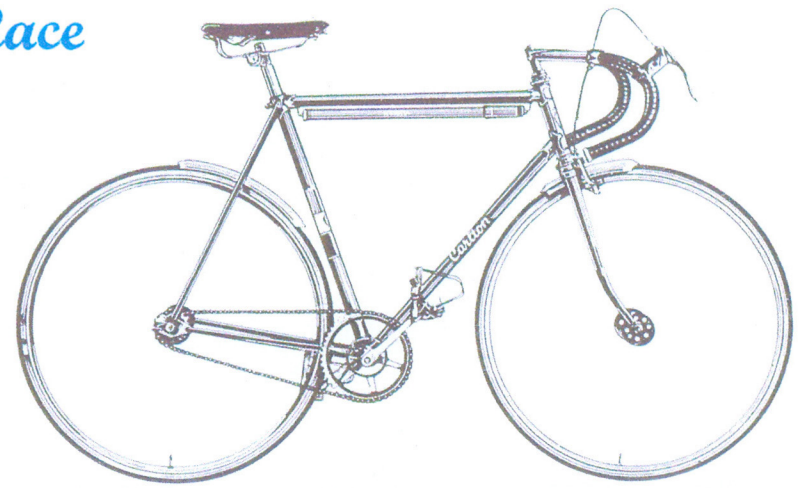
Fixed wheel machine with $\frac{3}{8}$ " seat stays, long chamfered top eyes, sturdy rear triangle incorporating long track ends. $\frac{3}{4}$ " round forks. Reynolds 531 tubing. G.B. steel bars, on 531 or Cresta badged stem. C.34 or B.100 chainset. Dunlop road racing tyres. High pressure rims. D.B. spokes. Lyotard pedals. Short or full mudguards. The finish is enhanced by a Red-White-Blue, or Green-White-Orange, 3-piece seat panel with matching name transfer on top tube.

This machine can be supplied with Reynolds 531 special oval main tubes at an additional charge of 7s. 6d. plus tax.

SUPER RACE

Frame built Reynolds 531 tubing. Wrap over seat stays and forged fork crown. C.34 square chainset. D.B. spokes. Dunlop Sprite H.P. tyres. High pressure rims. Weinmann brakes. (Vainqueur pattern extra). G.B. alloy stem. Lycett Swallow saddle. Benelux gear. Brampton 3/32 chain. Blumels' Club special or $\frac{1}{2}$ guards. Finish as model Sprinter.

Sprinter and Super Race Models



MODEL SPRINTER

Corinthian



THE MODEL THAT SETS THE STANDARD IN FINISHES

The frame and forks are finished in flamboyant with a two-colour shaded seat panel; this is edged either side with three matching panels, alternatively a long mitral shaded seat panel can be specified. Chromium plated head lugs and $\frac{3}{4}$ " front forks set off a really fine job.

FRAME Hand built, Reynolds 531 tubing. 19" to 24" sizes. Oval section forks with lightweight crown.

BRAKES Weinmann with coloured or plain levers or G.B.

HANDLEBAR AND STEM G.B. alloy. Bars suitably taped.

SADDLE Lycett Swallow or L.15.N.

TYRES Dunlop Sprite, high pressure.

RIMS Dunlop 27" x 1 $\frac{1}{4}$ ", high pressure.

GEAR Benelux 4, 5, 8, or 10 speed.

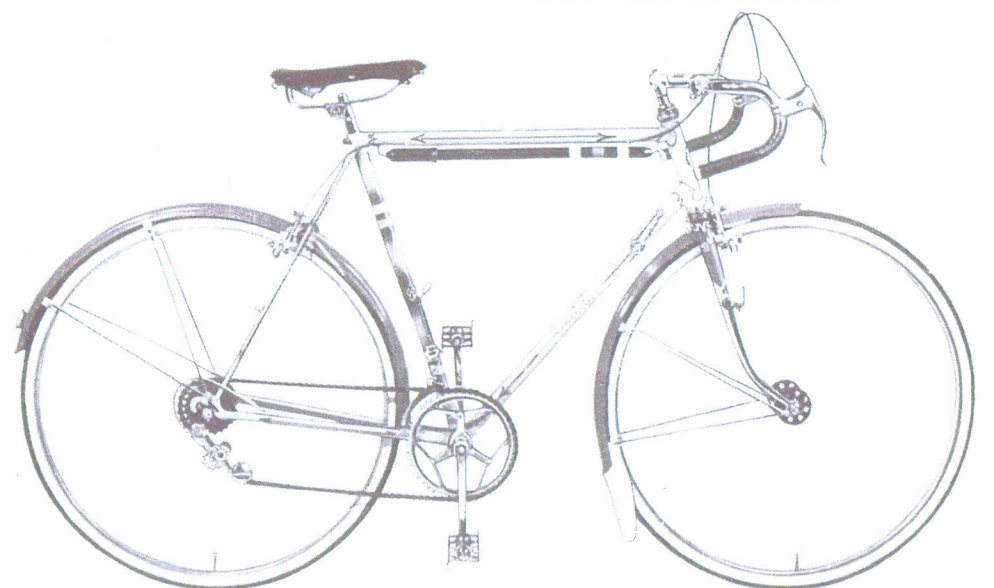
MUDGUARDS Baileys Swallow or Club Special.

CHAINSET Williams C.34, F.1016 on double chainset models.

HUBS Bayliss Wiley Lightweight.

PEDALS Lyotard or No. 28.

Models Catalina Special, Catalina 1 AND CATALINA SPECIAL ALL CHROME



The CATALINA SPECIAL and the CATALINA 1 have proved to be exceptionally popular models since their introduction due to their very attractive appearance, sensible and up to the minute design. The optional equipment available has been increased and in addition an All Chrome version of the Catalina Special has been added to the range for the 1960 season.

THE CATALINA SPECIAL

Is truly a "New Look" machine, the brake levers and pump are anodically coloured with matching large flange hubs and an attractively shaded seat panel and frame lining. A very wide choice of colours is given, the front forks are sprayed to match the seat panel and are $\frac{3}{4}$ " chromium plated.

FRAME Hand built, 19" and 24" sizes. Lightweight lugs. 20/30 high carbon frame tubes.

FORKS Oval section with lightweight crown.

BRAKES Weinmann or G.B. Anodically levers available in Red, Blue, Green or Mauve.

BEND Alloy maes or G.B. pattern to choice. G.B. alloy stem.

SADDLE Lycett Swallow or L.15.N.

TYRES Dunlop Sprite high pressure.

RIMS Dunlop high pressure or Endricks.

GEARS Benelux 4, 5, 8, or 10 speed.

CHAINSET Williams or Nicklin.

MUDGUARDS Swallow or Club Special in matching colours.

HUBS Steel large flange. Coloured Red, Blue, Green or Mauve, or Edco small Flange alloy precision hubs.

THE CATALINA 1

Is a similar model to the Catalina Special but small flange hubs are fitted and, in addition, the head lugs are heavily chromium plated and the head tube is coloured to match the shaded seat panel.

CATALINA SPECIAL ALL CHROME

CARLTON CHROME has been famous for many years for its mirror finish and durability. The plating on this full-chrome model is enhanced by very attractive frame transfers. The hubs, pump, brake levers, mudguards, handlebar tape and crank flutes are all coloured Red to complete a most exciting and appealing model.

THE CLUBMAN

Of similar construction and design to the Catalina 1. Endrick rims are fitted. In other respects the components are similar to the Catalina 1. A wide choice of enamel or flamboyant colours are available, shaded seat panel and head tube in contrasting or complementary colours complete a very "Classy" hand-built machine at a very moderate price. Alloy all rounder bars and an alloy chain guard can be fitted in lieu of dropped bars.

THE SUPER CLUBMAN

A new introduction with a new and original finish. The frame is enamelled in any colour to choice with contrasting head tube and a long mitral tri-coloured shaded seat panel. $\frac{3}{4}$ " plated front forks complete a very sporting frame.

SPECIFICATION—20/30 high carbon steel frame tubes. Benelux gear. Weinmann brakes with coloured or plain levers. Dunlop Sprite high pressure tyres and rims. Bayliss-Wiley lightweight hubs. Bristol Swallow saddle. Maes or G.B. alloy bend and stem. Bailey Swallow or Blumels Club Special guards. Brampton 3/32 chain.

THE LONGFELLOW

A model especially designed for the taller rider available in 25" and 26" sizes, special gauge Reynolds 531 tubing is employed in the construction of the frame. The models International, Catalina, and Corinthian can also be supplied in these sizes at an extra charge of £1.

SPECIFICATION—C.34 chainset with 7" cranks. Dunlop Sprite or White speed tyres on Endrick rims. 14 gauge spokes. G.B. $4\frac{1}{2}$ " stem. Benelux Tourist or Mark 7 gears. Bayliss-Wiley hubs. G.B. or Weinmann brakes.

FINISH—Flamboyant or enamel colour with contrasting head and long mitral seat panel.

The specification of any model can be adjusted to suit individual requirements.

Continental Model

A New up to the minute machine incorporating the Continental Hand-made Carlton Frame, a Simplex or Reg Feeding Bottle fitted on the Down Tube and the New Cresta Badged Steel Stem which is most attractive in design and exceedingly robust.



FRAME Hand-made 19" to 24" sizes. Prugnat lugs. All usual brazings. 20/30 high carbon frame tubes.

FORKS Oval continental rake. Lightweight feature cut crown.

BRAKES Weinmann or G.B. alloy.

BEND G.B. alloy to pattern or Cresta Maes.

STEM Cresta steel badged and heavily plated.

WHEELS Dunlop H.P. rims. Dunlop Sprite H.P. tyres. Bayliss Wiley steel hubs.

TRANSMISSION Williams chainset with fluted cranks. Picked out to match colour scheme. Brampton 3/32" chain.

GEARS Choice of Benelux, Simplex or Huret, "5" speed or Benelux "10". Campagnola and Benelux "60" gears can be fitted as an extra.

SADDLE Lycett Swallow or L.15.N.

MUDGUARDS Blumels Club Special or Apex Swallow in matching colour.

PEDALS Lyotard steel or No. 28.

FINISH In flamboyant or enamel colours with contrasting 4-piece seat panel. Top of forks to match panel, remainder chromium plated. Mudguards. Handlebar tape, pump, cabling, crank flutes and feeding bottle selected to match.

INTERNATIONAL M.S. AND INTERNATIONAL ROAD PATH

Two "racy" frames incorporating the INTERNATIONAL SCROLL type lug work and Reynolds 531 tubing. The M.S. frame is supplied with Reynolds oval fork blades, $\frac{1}{2}$ " seat stays, brake and gear brazings whilst the Road Path frame incorporates Reynolds round forks, long track ends and $\frac{3}{8}$ " seat stays. Both models available in 21" to 24" sizes.

FINISH—Colour to choice with head and seat panel. C.P. head lugs and fork crown lugs picked out.

Carlton Cycles Limited

WORKSOP - NOTTS - ENGLAND

TELEPHONE WORKSOP 2475