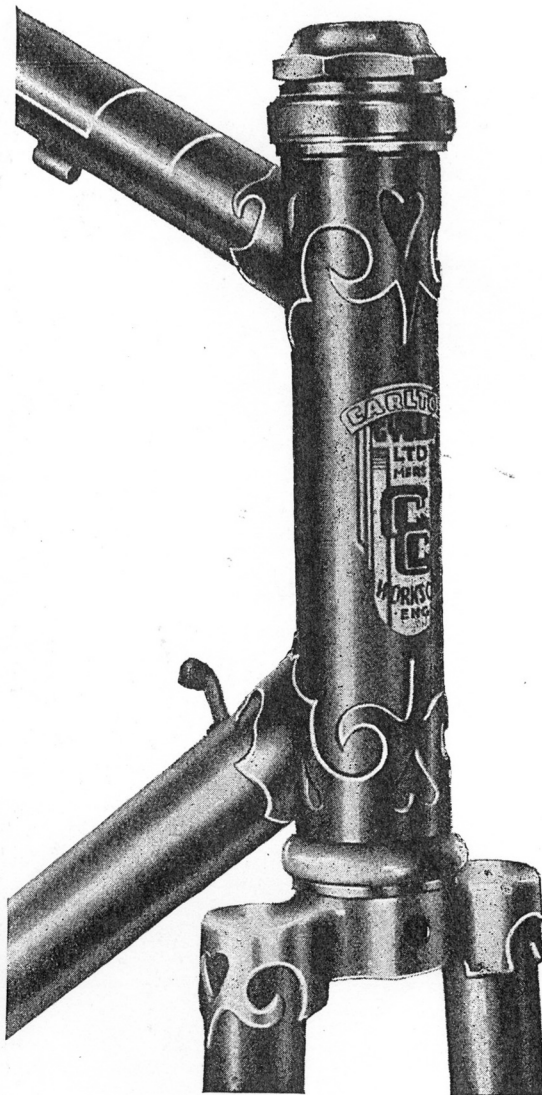


CARLTON MASSED START SPECIAL



CARLTON CYCLES LTD · WORKSOP · ENGLAND

Carlton

the
hand
made
cycle

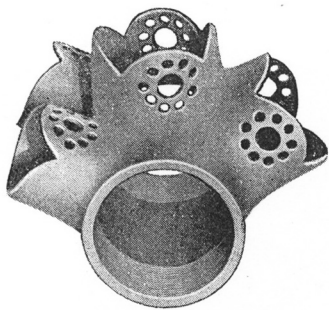
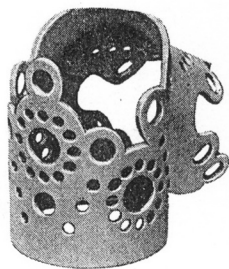
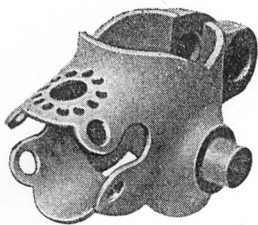
CARLTON CYCLES was established in 1898 at Carlton near Worksop and was carried on as such until the year 1933, when the business was taken over by Carlton Cycles Ltd. The present Company was reorganised in 1936 and the plant and methods of manufacture specially adapted to the manufacture of high grade Racing and Club Cycles. Many new models were introduced in 1936-7 including the now famous "Carlton Flyer," Massed Start, Massed Start Special, Super Python, Continental, Silver Clubman, etc. The standard of workmanship is now higher than ever and we can safely assert that our cycles today are equal to any produced elsewhere.

Carlton cycles have been ridden by winners of World's English and many Overseas championships. IDENTICAL MODELS ARE AVAILABLE TO ALL CUSTOMERS

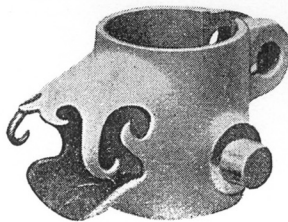
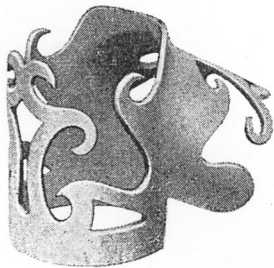
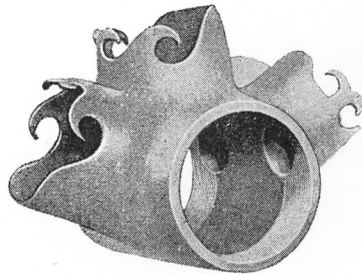
The frames of Models shown on pages 7 to 10 in this catalogue are all built with Reynolds 531 light gauge butted tubes, forks and stays and incorporate steel drop forged crowns. ALL FRAMES ARE LUG BUILT; WELDING AND OTHER CHEAP METHODS OF PRODUCTION ARE NOT USED. These frames can all be built to individual measurements at the prices quoted. We have illustrated the Head lugs of the two Massed Start models, frames with these lugs can also be built for Time Trialing, Track or Pursuit racing, we can also supply Track versions of our Super Python model.

Carlton cycles are supplied through the retail trade, but agencies are only granted to dealers who thoroughly understand the Racing side of the Lightweight Trade and can give you service. Our staff at the works are only too pleased to give every assistance in the drawing up of specifications, and we do advise customers when ordering frames to give details of the hubs they will use.

SEE INSIDE BACK PAGE FOR FURTHER DETAILS

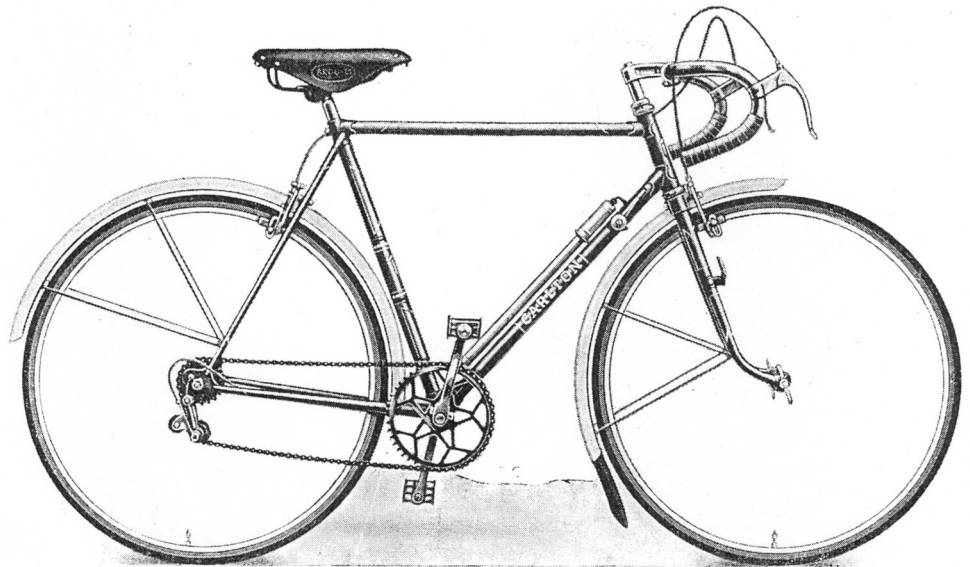


LUGWORK — PROFESSIONAL FRAME



LUGWORK — INTERNATIONAL FRAME

CARLTON 531 SPORTS



FRAME. Reynolds "531" built to upright angles. Size 19 in. to 24 in. Cutaway and fish-tailed lugs. Usual brazed on bits. Fork lamp bracket detachable. Continental or Russ forks with solid fork ends.

Fittings : Chrome plated **DUNLOP** H.P. rims 26 in. or 27 in. built on **DEFIANCE** or Sivada hubs and **DUNLOP** H.P. tyres. 3 speed **HURET** Tour de France or **SIMPLEX** gear. **WILLIAMS** chrome plated chainwheel and cranks. L.99 Racing saddle. Celluloid guards. **COVENTRY** chain. Two G.B. alloy brakes with hooded levers and white cables. G.B. alloy extension. C.P. racing pedals. Choice of Maes, Pelissier or Capoberta bends.

FINISH. In any of the Carlton range of flamboyant colours with special lining and **OLYMPIC** bands.

A **STURMEY ARCHER** A.W. 3 speed or F.W. 4 speed gear can be supplied without extra charge. A **BENELUX** 3 speed gear can be fitted at an extra charge of 12/4 including tax.

This model can be supplied without gears fitted with one brake and two fixed sprockets as per price list.

The 531 SPECIAL SPORTS FRAME, beautifully lined, panelled and finished with brake cable eyes brazed on can be fitted TO THIS MODEL at an extra charge of 12/4 including tax.

CARLTON SPECIAL RACE



FRAME. Reynolds "531" butted racing tubes. Special pattern of Cutaway lugs. Angles 72/72 or 73/71. Sizes 19 in. to 24 in. Continental or Russ forks with solid fork ends. Fork lamp bracket. Usual brazed on bits.

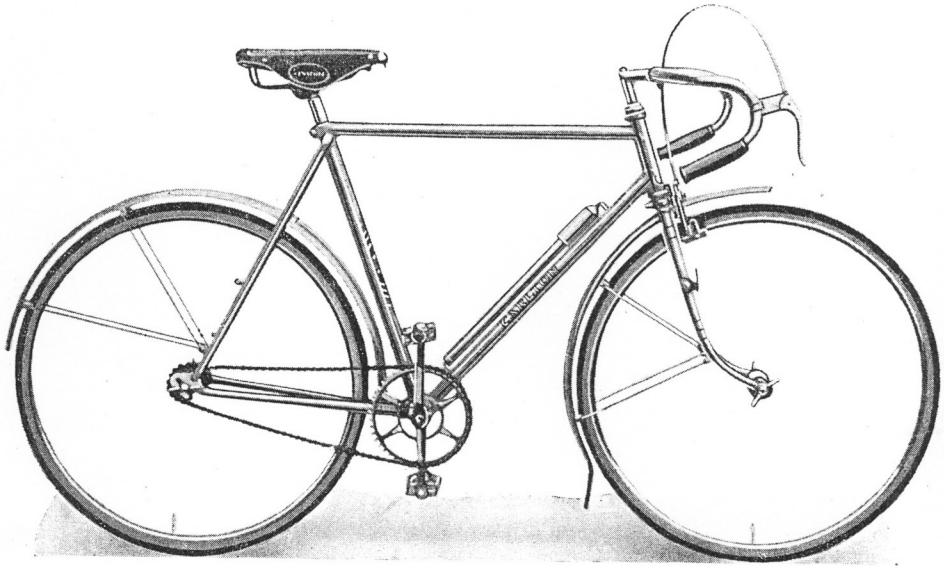
FITTINGS. Chrome plated **DUNLOP** H.P. rims 26 in. or 27 in. built on chrome plated Sivada Racing hubs and **DUNLOP** H.P. tyres. **WILLIAMS** C.34 chainwheel and cranks. **BROOKS** B.15. Celluloid guards Coventry chain. 2 G.B. alloy brakes with hooded levers and white cables. G.B. alloy stem. Chrome plated racing pedals. **MAES** or other bend to order. Special Huret Tour de France 3 speed derail. gear or Simplex gear.

FINISH. In any of the Carlton range of Flamboyant colours with long panel edged with **OLYMPIC** bands and transfer in centre of panel.

A STURMEY ARCHER A.W. 3 speed or F.W. 4 speed gear can be supplied without extra charge. A Benelux gear can be fitted at an extra charge of 12/4 including tax.

This Model can be supplied without gears fitted with one brake and 2 sprockets as per price list.

CARLTON SILVER CLUBMAN



FRAME. Reynolds "531" light gauge Butted racing tubes. Angles 73/71 or 72/72. Size 19 in. to 24 in. Lugs cut away and filed to a special design. Bracket height $11\frac{1}{4}$ in. for 27 in. wheels or $10\frac{3}{4}$ in. for 26 in. Carlton bracket to take $\frac{5}{16}$ in. steel balls with Chater Lea Cups. Usual brazed on fittings. Frames built to take 27 in. H.P. wheels with mud-guard clearance unless 26 in. wheels are ordered. **FORKS.** Reynolds 531 Butted. D to O Continental or Russ.

FITTINGS. Chrome plated **DUNLOP** H.P. rims built on Baylis Wiley Ideal racing hubs with D.B. spokes and fitted with **DUNLOP** H.P. tyres. **COVENTRY** chain. **MAES** or other racing bend to order. **BRAKE.** G.B. alloy with hooded lever and white cable. G.B. alloy extension. **SADDLE.** Brooks B15. **MUDGUARDS.** Celluloid quick detachable.

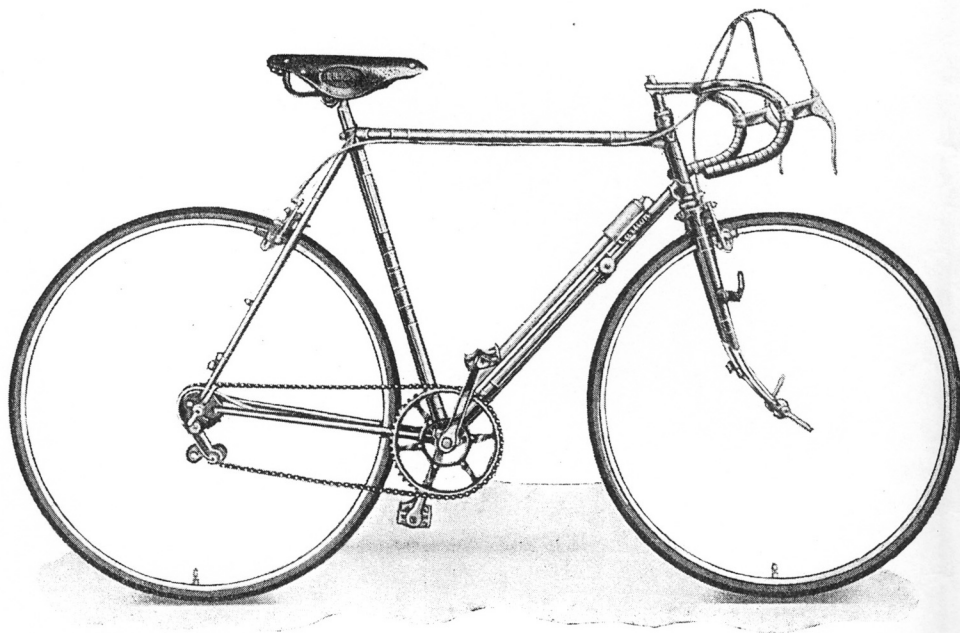
FINISH. In any of the Carlton range of Flamboyant or Enamel colours double box lined with panel on seat and long chevron transfer.

CARLTON SUPER PYTHON



FRAME. Built of complete sets of **REYNOLDS** "531" butted light gauge racing tubes, forks and stays. **Angles, Rake and Type** of fork to your specification. Lugs filed to a feather edge. $\frac{5}{16}$ in. or $\frac{1}{4}$ in. ball bearing brackets with Chater fittings. 27 in. Dunlop chrome plated H.P. rims built on No. 9 and 10 racing hubs with D.B. spokes and fitted with H.P. tyres. G.B. brake with hooded lever and white cable. **BROOKS** B.17 N or B.17. **REYNOLDS** Elite chain. **WILLIAMS** C.34. **HANDLEBARS.** Any racing bend on 2 or 3 in. extensions. Usual brazed on bits. Built for road or track. **BLUEMELS** 18 in. pump.

CARLTON MASSED START



FRAME. Built throughout with complete sets of Reynolds "531" light gauge racing Butted Tubing Forks and Stays. Size to order. 19 in. to 24½ in. Angles to order, 74 to 70 degree Head. 74 to 70 degree seat. Pencil chain and seat stays or Pencil seat and Rapid Taper chain stays. Giving ample clearance for tubulars. Wheelbase and bracket height to order. Frames built of Oscar Egg Lugs of nice design and excellent finish. All frames built to take Derail. gears unless otherwise ordered. Double changers can be fitted.

FORKS. Continental type Oval, D section or Round of varying designs, fitted with drop forged machined crowns and solid fork ends. **RENOlds Elite.** **WILLIAMS** chrome plated C.34.

WHEELS. 26 in. or 27 in. chrome plated Dunlop High Pressures fitted with H.P. Tyres. Built with 15-17g Double Butted spokes. Chrome Plated No. 9 and 10 D.S. Hubs. Chrome Plated Sivada hubs on geared models.

HANDLEBARS. Choice of alloy Bailey, Binda, Maes, Pelissier, C.C. Pursuit or Capoberta.

BRAKE. G.B. alloy with Hooded Lever and White cable. Blumels 18 in. pump.

SADDLE. Brooks B.17N. or B.17 Standard. **PEDALS.** Chrome Plated B.8. **ANY GEAR EXTRA TO ORDER.**

BRAZED ON BITS. All or any of the following can be supplied in the standard specification: Lamp bracket boss, pump pegs, reflector eye, mudguard eyes brazed on, or mudguards fixed integral with fork ends. Brazed on gear boss, brake cable eyes, roller and gear eye.

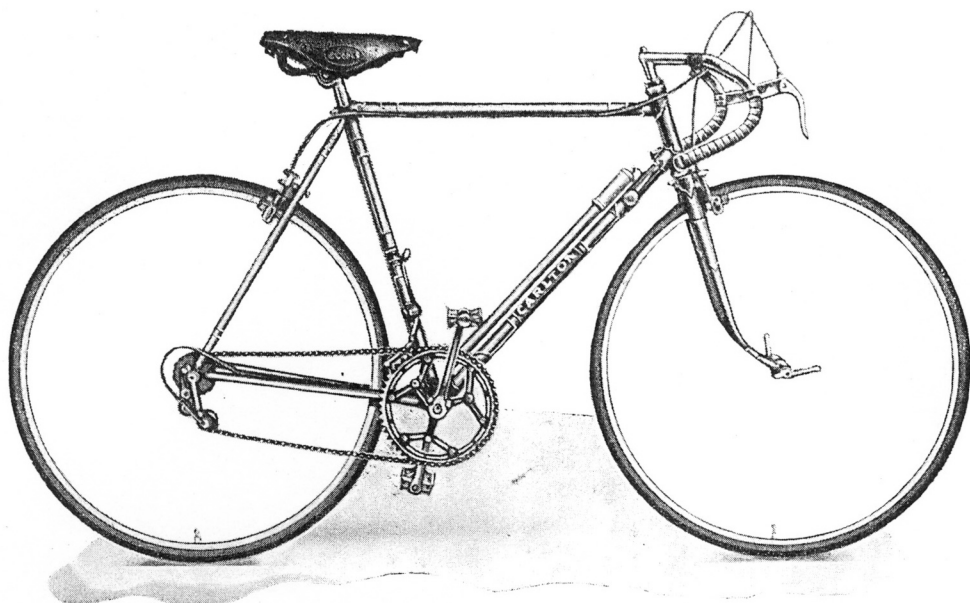
FINISH. In any of the Carlton range of Enamel or Flamboyant colours. Head in a contrasting colour. Double box lined. Special three piece panel on seat tube, or Carlton long transfer as preferred.

THE FRANCO ITALIA

See MASSED START above for description

To the same lug work and general specification as the **Massed Start** but fitted with 1st Grade Agrati Head and Bracket fittings in an excellent quality of chrome plate. Simplex rear ends at no extra charge if required. Wrap over seat stay eyes.

CARLTON MASSED START SPECIAL



FRAME. Built throughout with complete sets of Reynolds "531" light gauge racing Butted Tubing, Forks and Stays. Size to order. 19 in. to 24½ in. Angles to order, 74 to 70 degree Head, 74 to 70 degree seat. Pencil chain and seat stays or Pencil seat and Rapid Taper chain stays. Giving ample clearance for tubulars. Wheelbase and bracket height to order. The lug work on the frame is Italian type, exclusively reserved for Carlton Cycles, and gives a beautiful finish to a first class frame. Carlton name plate on head. All frames built to take Derail. gears unless otherwise ordered. Double changers can be used with standard fittings.

FORKS. Continental type Oval, D section or round of varying designs, fitted with drop forged machined crowns and solid fork ends. **REYNOLDS** Elite. **WILLIAMS** Chrome Plated C34.

WHEELS. 26 in. or 27 in. Chrome Plated Dunlop High Pressures fitted with H.P. Tyres. Built with 15-17g. Double Butted spokes. Chrome Plated No. 9 and No. 10 D.S. Hubs. Sivada hubs on geared models.

HANDLEBARS. Choice of alloy Bailey, Binda, Maes, Pelissier, Capoberta or C.C. Pursuit.

BRAKE. G.B. Alloy with Hooded Lever and White cable.

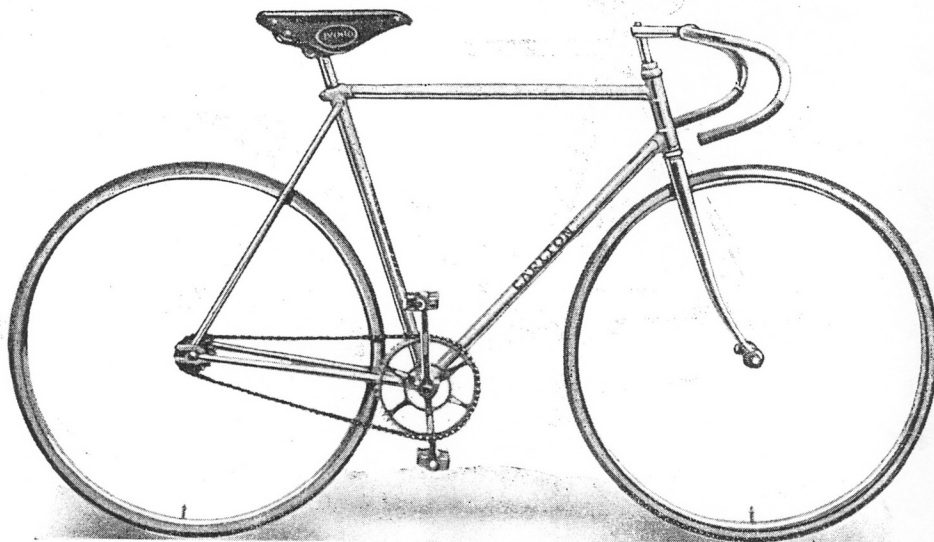
SADDLE. Brooks B.17 N or B.17 Standard. 18 in. Bluemels pump.

PEDALS. Chrome Plated B.8. **ANY GEAR EXTRA TO ORDER.**

BRAZED ON BITS. All or any of the following can be supplied in the standard specification: Lamp bracket boss, pump pegs, reflector eye, mudguard eyes brazed on, or mudguards fixed integral with fork ends. Brazed on gear boss, brake cable eyes, roller and gear eye.

FINISH. In any of the Carlton range of Enamel or Flamboyant colours. Double box lined, and lugs lined in a suitable colour and picked out in fancy designs. Bands or large Carlton transfer on seat tube.

CARLTON ROAD TRACK



FRAME. Built throughout of light gauge "531" butted racing Tubes, Forks and Stays. Sizes 19 to 24½ in. To your own measurements, bracket height and angles. Track or Road rear ends as required. Wheelbase to order. Carlton 5/16 in. bracket. Chater bracket fittings.

FORKS. Any track, including pursuit rake, to order.

WHEELS. 27 in. Conloy Sprint fitted with Dunlop tubulars. Wheels built on Solite hubs with double butted spokes.

PEDALS. B.8 solid centre chrome plated.

SADDLE. B.17 Sprinter or B.17.N.

BENDS AND STEM. Bend to order on Major Taylor stem.

CHAIN. Renolds Elite. **CHAINSET.** C.1000 or Special Williams 5 pin 1 in. pitch to order.

FINISH. In any of the Carlton range of Enamel or Flamboyant colours.

THE FOLLOWING 4 MODELS are usually sold as frames but, if required, they can be built as complete machines to your own specification for either road or track use.

CARLTON ROAD TRACK. See details on opposite page.

CARLTON FLYER This well known frame is built of **REYNOLDS** 531 butted light gauge racing tubes forks and stays to your own specification for size, bracket height, angles, wheelbase, etc. and fitted up for road or track. Carlton head fittings and Chater bracket fittings. The new Scroll lug cutting introduced last season is very popular but if required the long prong design in use since 1935 can be supplied at the same price.

PROFESSIONAL FRAME As far as building goes this is a first class job and the lugs (see illustrations) were designed by a well known Continental professional rider. Materials are as usual. **REYNOLDS** 531 butted light gauge racing tubes. Carlton head fittings and Chater Lea bracket fittings, etc.

INTERNATIONAL Frame has a new design of scroll lugs of excellent design and finish (see illustration) and as usual with all our racing frames is built of **REYNOLDS** 531 butted light gauge racing tubes. It has 1st grade chrome plated Agrati head fittings and Chater bracket fittings. $\frac{1}{4}$ or 5/16 in.

SPECIAL NOTES

THE RACING FRAMES, Super Python, Massed Start, Massed Start Special, Franco Italia, Road Track, Professional, Flyer or International, can be built with Carlton special track drop outs and heavy chain stays. The drop outs are cut from heavy steel plate and have extra long slots to facilitate quick changing of chain rings. For track work frames built like this are extremely rigid. Extra charge on a frame £1 on a model £1 4s 8d including tax.

Any machine shown in this catalogue can be supplied with a **LADIES** open type frame if required at the same price as the Gents.

For over 4 years all our machines have been rustproofed by the JENOLITE process. We find it absolutely positive in action.

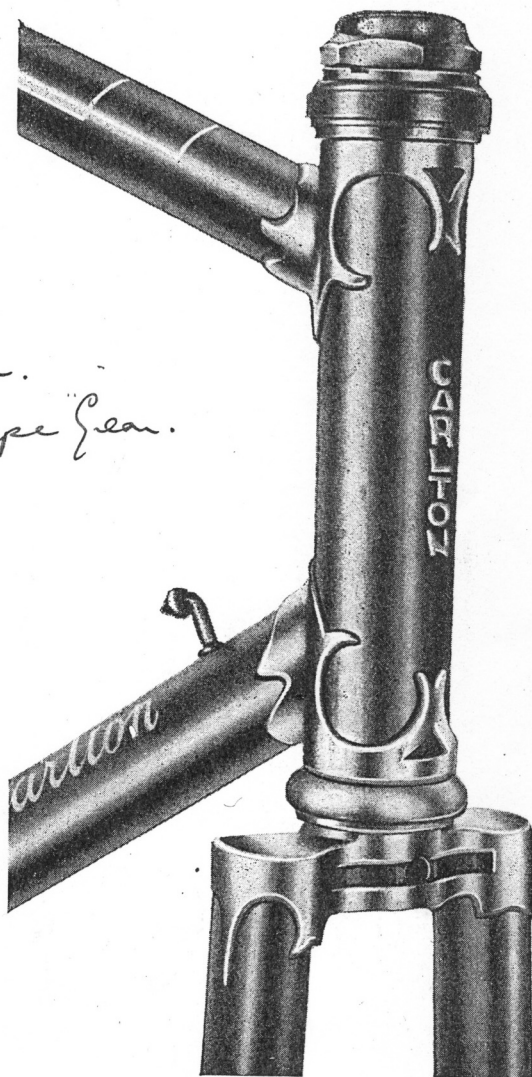
There is no restriction on the use of **CHROME** but to ensure good service it must be on a suitable base and up to now nickel has proved to be easily the best for this purpose. Many experiments have been carried out with placing chrome on other metals. These experiments are still going on and should any prove of use we shall be pleased to adopt them. Up to the issue of this catalogue no successful process is available.

Workshop, 14/2/52

DDRN 4/13/5/1

CARLTON MASSED START

*Campagnola.
Derailleur-Type Gear.*



CARLTON CYCLES LTD · WORKSOP · ENGLAND
