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Carlton

"The Hand-made Cycle"



HAND-MADE CYCLES AT MASS PRODUCTION PRICES

CARLTON CYCLES LTD, WORKSOP, ENGLAND

Carlton Cycles are entirely Hand Made and our slogan, the "Hand Made" Cycle, is no idle phrase. Every cycle produced is built by a skilled mechanic and male adult labour is used for Building, Brazing, Enamelling, Chrome Plating, Wheelbuilding and Assembling. Further, we do not employ piece work methods in these vital processes.

The Price charged for a "Carlton" is very little more than the cost of a mass produced cycle, and in view of the first-class materials used and the care taken in production, we feel we are fully justified in claiming that "Carlton" cycles are the best value for money on the cycle market to-day.

Our Cycles are designed and produced under the supervision of trained engineers of over 40 years continuous experience.

The "Carlton" Testing Staff is comprised of keen and experienced Racing and Club cyclists, who know exactly what is required for any phase of the Cycling movement, whether Touring or Racing on Road or Track.

We Build cycles to Customers' own specification with head angles from 75° to 68° and seat angles as ordered. This service is without extra charge on all single geared models of the value of £9 and over. A small charge is made for building to special angles and dimensions in the case of the cheaper models.

In Order to help customers during the Spring rush for deliveries, we carry a stock of racing frames part finished in the rough and give you a choice of two angles for each model, according to whether a normal or an extra long top tube is required. These frames can be finished off fairly quickly on receipt of order. We stock these frames in 21in. and 22in. sizes. We carry full stocks of Club machines fully built in 20in., 21in., or 22in. sizes.

Historical Note: The original Carlton Cycle Co. was established at Carlton, near Worksop, in 1898, and the present Company took over in 1933. Carlton Cycles Ltd. was completely reorganised in 1936 and the plant and methods of manufacture specially adapted for the production of the highest class Racing and Club cycles. To-day, in view of increasing trade, a new building is being erected and we hope to start 1940 with double our present floor space and the consequent facilities for even more prompt delivery.

CARLTON CYCLES LIMITED :: WORKSOP

All Carlton Cycles

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of "531" B
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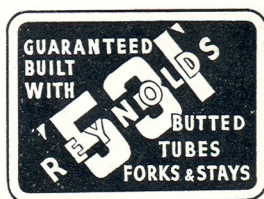
By the courtesy of Messrs. Reynolds Tube Co. Ltd., of Hay Hall Works, Tyseley, Birmingham, we produce below their standard transfers in respect of "531" tubing.

You will find full detailed specifications of all our machines in the following pages. All accessories are supplied by the leading manufacturers in the trade.

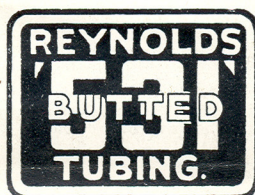
We are now building all machines of the value of £8 and over with a bracket height of 10 $\frac{3}{4}$ in. when fitted with 26in. wheels—with the exception of the Carlton Tourist—and chain and seat stays to take either 26in. or 27in. wheels, unless specially ordered otherwise.

The Carlton Tourist and Club models are built to a bracket height of 10 $\frac{1}{2}$ in. Models "73" and "Massed Start" are offered with standard dimensioned frames as set out in the catalogue so as to expedite deliveries. The same care is exercised in their production as in the case of the most expensive models. Model "73"—with the new diamond lug cutting—represents the average requirements of a high class road racing machine. The "Massed Start" is a popular edition of the well-known "Carlton Continental". The equipment can be varied, and a choice of various fork blades is given in the specification of both models. Either model can be had to special order at a small extra charge but delivery will be delayed.

ss materials. The cheaper machines are
e more expensive Club models have frames
ularly wish to direct your attention to the
y built of Aircraft tubing. Racing frames
chain and seat stays and taper gauge forks



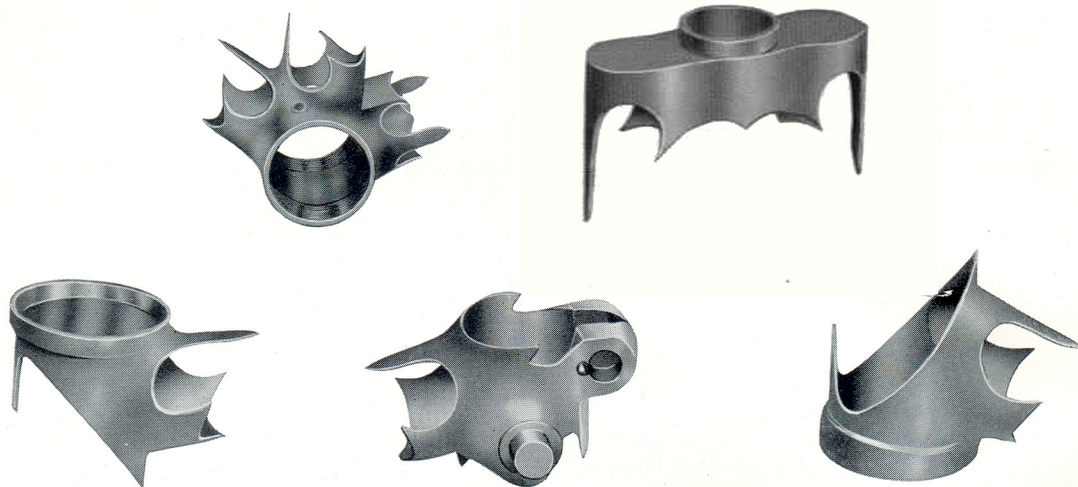
Look for this transfer on all our single geared machines of the value of £9 or over.



This transfer appears on our high grade Club and the cheaper Racing machines. This transfer is issued in respect of BUTTED "531" frame tubes.



This transfer is issued in respect of plain frame tubes only. We do not build Racing machines in this quality. You can have "531" plain tubes fitted to any of our cheaper machines listed under £7 at an extra charge of 5/6.

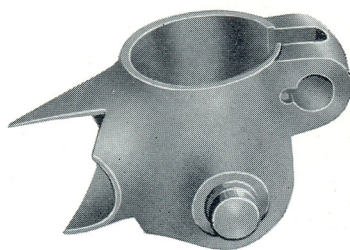
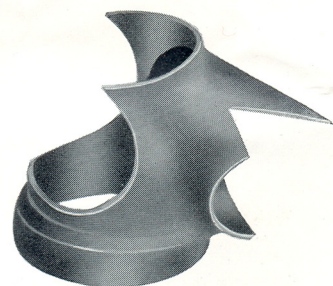
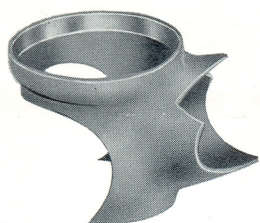


Lugs, Bracket and Crown of the Famous "Flyer" Model

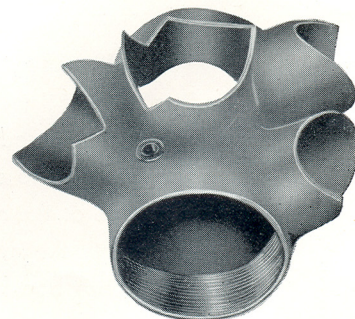
WEIGHT OF MACHINES.

Six machines of each Model manufactured were weighed on a pair of certified scales, and the following figures represent the average weight. All the Models weighed were built with 21in. frames.

Model S2	-	-	-	-	30 lbs.
Model SCS	-	-	-	-	29 $\frac{3}{4}$ lbs.
Model GS	-	-	-	-	29 $\frac{3}{4}$ lbs.
Model RB	-	-	-	-	29 $\frac{3}{4}$ lbs.
Model RS	-	-	-	-	27 $\frac{1}{2}$ lbs.
Model Cyclo-speed	-	-	-	-	31 lbs.
Model Clubman	-	-	-	-	26 $\frac{1}{2}$ lbs.
Model SCR	-	-	-	-	26 lbs.
Model Python	-	-	-	-	25 lbs.
Model Tourist	-	-	-	-	28 $\frac{3}{4}$ lbs.
Model Super Python	-	-	-	-	24 $\frac{1}{2}$ lbs.
Model Massed Start	-	-	-	-	28 $\frac{1}{2}$ lbs.
Model New Race	-	-	-	-	23 $\frac{3}{4}$ lbs.
Model 73	-	-	-	-	24 $\frac{1}{2}$ lbs.
Model Super Chrome	-	-	-	-	24 $\frac{1}{2}$ lbs.
Model Continental C.C.	-	-	-	-	26 $\frac{1}{4}$ lbs.
Model Sturmev Race	-	-	-	-	26 $\frac{1}{2}$ lbs.
Model Road Track	-	-	-	-	19 $\frac{1}{4}$ lbs.
Model Flyer	-	-	-	-	23 $\frac{1}{4}$ lbs.
Model Python Tandem	-	-	-	-	47 lbs.
Model 531 Tandem	-	-	-	-	46 lbs.
Model Flyer Tandem	-	-	-	-	44 $\frac{1}{2}$ lbs.

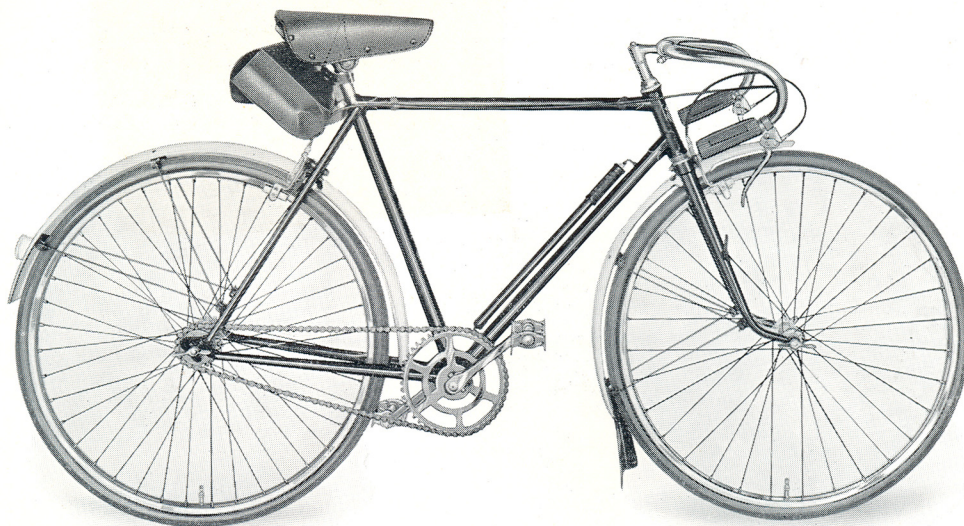


Standard Racing Lugs.



Standard Racing Lugs.

These machines are built with the lightest gauges of tubing recommended by the tube manufacturers for general and racing use. We can build lighter frames to customer's specification and risk if required.



Sports Model

MODEL S2

SPECIFICATION

FRAME. Built to Upright Angles with best quality British steel tubing, cutaway and fishtailed lugs. Brazed-on chain and seat stays, pump pegs, mud-guard eyes, reflector eye and lamp bracket. Quick release fork ends. Sizes: 20in., 21in. and 22in.

FORKS. Malleable crown, butted steering column, and Russ or gradual rake D to O blades with solid fork ends.

WHEELS. 26in. x 1½in. Endrick rims, rustless spokes and narrow barrel racing hubs. Fixed sprocket and Villiers free wheel.

TYRES. Dunlop Sports.

MUDGUARDS. Quick detachable white celluloid.

CHAIN. Coventry.

HANDLEBARS. Chrome-plated Lauterwasser, Marsh, Shallow or Deep Highgate bends, on 2in. extension. Shock-stop pneumatic grips.

BRAKES. 2 side-pull callipers.

PEDALS. Racing rat-trap.

SADDLE. Brooks', with resilient spring top.

FINISH. Rustproofed and treated with four coats of rich black enamel. All bright parts heavily chromium plated.

ACCESSORIES. Superior quality celluloid pump, spanners and oilcan in a Brooks' touring bag.

CASH PRICE (MODEL S2)

Ladies' or Gent's, with Two Brakes and Freewheel

£5-12-6 or easy terms

Extra for Sturmey-Archer Gear - - - £1. 1. 0.

Extra for finishing in any colour enamel - - 5. 0.

Extra for Continental style box lining - - 5. 0.



Silver Chrome Sports Model

MODEL SCS

SPECIFICATION

FRAME. Built with best quality British steel tubing. Cutaway and fishtailed lugs. Brazed up chain and seat stays, mudguard eyes, pump pegs and Chater-Lea detachable lamp bracket. Forward drop outs. Sizes 20in., 21in. and 22in.

FORKS. Malleable crown, butted steering column and D to O blades. Chater-Lea solid fork ends.

WHEELS. 26in. x 1½in. Endrick rims, built on narrow barrel racing hubs, with rustless spokes. Fixed sprocket and Villiers freewheel.

TYRES. Dunlop Sports.

MUDGUARDS. Quick detachable white celluloid.

CHAIN. Coventry.

HANDLEBARS. Heavily chrome-plated Bailey, Lautwasser, Marsh, Shallow or Deep Highgate bends, on 2in. chrome-plated extension. Shockstop grips (other bends to order extra).

BRAKES. Two chrome-plated calliper brakes.

PEDALS. Racing rat-trap.

SADDLE. Brooks', with resilient spring top.

FINISH. After rustproofing, four coats of Black Enamel. All bright parts heavily chromium-plated. Forks with chromium-plated crown and tips.

Note.—This machine can be supplied in any of the Carlton Colour range of enamels at no extra charge.

The new A.M. Frictionless Close Ratio STURMEY-ARCHER GEAR is very strongly recommended for use with this model. The decrease is 13.46 per cent. and the increase from normal 15.55 per cent. A 16T sprocket with a 46T chainwheel gives the following gears: 64.8, 74.7, 86.2. A complete range of sprockets is available, 14 teeth and upwards.

CASH PRICE (MODEL SCS)
Ladies' or Gent's, with Two Brakes and Freewheel

£6-2-6 or easy terms

Extra for A.M. Gear fitted to Model SCS - £1. 3. 0.



Golden Sports Model

MODEL GS

SPECIFICATION

FRAME. Built with best quality British steel tubing. Cutaway and fishtailed lugs. Brazed up chain and seat stays, mudguard eyes, pump pegs and Chater-Lea detachable lamp bracket. Forward drop outs. Sizes 20in., 21in., 22in.

FORKS. Malleable crown, butted steering column and D to O blades. Chater-Lea solid fork ends.

WHEELS. 26in. x 1½in. Endrick rims, built on narrow barrel racing hubs, with rustless spokes. Fixed sprocket and Villiers freewheel.

TYRES. Dunlop Sports.

MUDGUARDS. Quick detachable white celluloid.

CHAIN. Coventry.

HANDLEBARS. Heavily chrome-plated Lauterwasser, Marsh, Shallow or Deep Highgate bends, on 2in. chrome-plated extension. Shockstop grips (other bends to order extra).

BRAKES. Two chrome-plated calliper brakes.

PEDALS. Racing rat-trap.

SADDLE. Brooks', with resilient spring top.

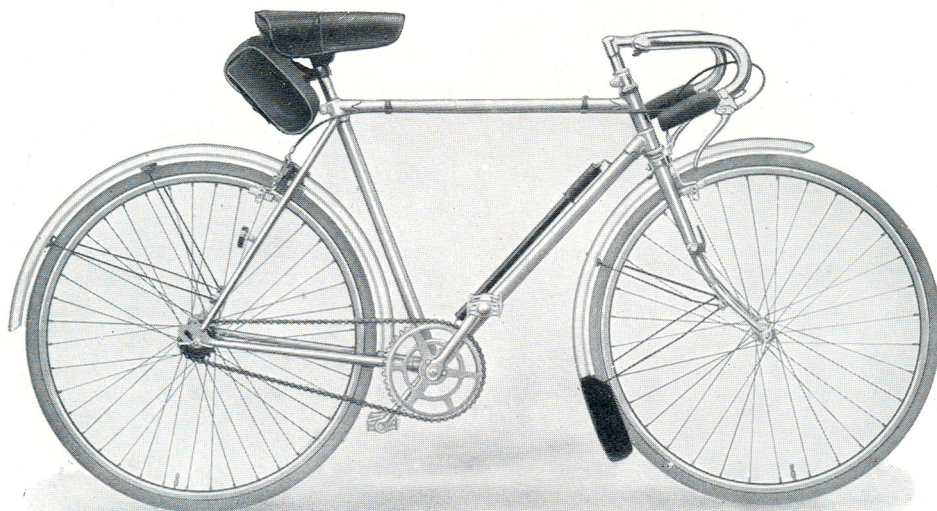
FINISH. In the new "CARLTON" non-fading Gold finish all over with green band and International Red, White and Blue transfers on seat tube. Alternative finish Carlton Blue with Dark Blue Band on seat tube (other colours extra).

The new A.M. Frictionless Close Ratio STURMEY-ARCHER GEAR is very strongly recommended for use with this model. The decrease is 13.46 per cent. and the increase from normal 15.55 per cent. A 16T sprocket with a 46T chainwheel gives the following gears: 64.8, 74.7, 86.2. A complete range of sprockets is available, 14 teeth and upwards.

CASH PRICE (MODEL GS)
Ladies' or Gent's, with Two Brakes and Freewheel

£6-2-6 or easy terms

Extra for A.M. Gear fitted to Model GS - £1. 3. 0.



Royal Blue

MODEL RB

SPECIFICATION

FRAME. Built to UPRIGHT angles in 20in., 21in. and 22in. with best tubing and cutaway and fishtailed lugs. Straight taper seatstays and quick release rear ends. All brazed-on fittings including pump pegs, reflector eye and mudguard eye. Chater-Lea adjustable and detachable lamp bracket.

FORKS. Malleable cutaway crown. D to O blades, solid fork ends, and fitted with a cast headclip. Chromium-plated crown and tips.

WHEELS. Endrick, 26in. x 1½in. rims. Lightweight narrow barrel racing hubs. One fixed sprocket and freewheel.

TYRES. Dunlop Sprite.

MUDGUARDS. Quick detachable white celluloid.

CHAIN. Coventry.

HANDLEBARS. Chromium-plated Lauterwasser, Marsh, North Road or Shallow Highgate on 2in. two-way adjustable stem. Sponge rubber grips.

BRAKES. Two compensating side-pull callipers.

PEDALS. Racing rat-trap.

SADDLE. Brooks' Resilient or B22 to order.

FINISH. Frame rustproofed and finished with Royal Blue or Carlton Blue enamel. All bright parts heavily chromium plated.

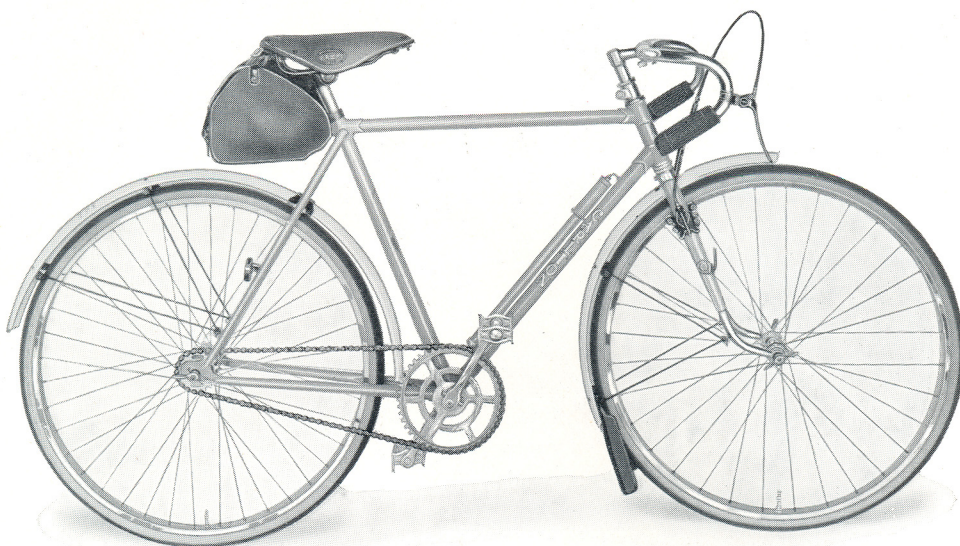
ACCESSORIES. Superior quality celluloid pump, spanners and oilcan in a Brooks' touring bag. Prismatic reflector.

Special Note—This Model can now be supplied at the same price in the new colour "Carlton Blue" instead of Royal Blue. (Other colours extra.)

CASH PRICE (MODEL RB
or RBL (LADIES')) with Two Brakes and Freewheel

£6-5-0 or easy terms

Sturmey-Archer Gear either Model - - 21/- extra



Carlton Royal Sports

MODEL RS

SPECIFICATION

FRAME. 20in., 21in. and 22in. sizes. UPRIGHT design in best British tubing. Cutaway and fishtailed lugs. Straight taper seat stays and quick release rear fork ends. All brazed on fitments—pump pegs, reflector eye and mudguard eyes. Chater-Lea adjustable and detachable lamp bracket.

FORKS. Malleable cutaway crown. D to O or O to O as preferred. Russ or Gradual Taper blades. Solid machined fork ends. Heavily chromium-plated crown and tips.

WHEELS. Endrick 26in. x 1½in. Lightweight narrow barrel racing hubs. 16in. and 18T sprockets.

TYRES. Dunlop Sprite or Speed.

MUDGUARDS. Lightweight quick detachable white celluloid.

CHAIN. Coventry.

HANDLEBARS. Chromium-plated Lauterwasser, Marsh, North Road, Binda or Shallow Highgate on 1in., 2in. or 3in. extension.

BRAKE. Front or rear Resilion Cantilette.

PEDALS. Racing rat-trap.

SADDLE. Brooks' B32 Narrow racing saddle.

FINISH. Frame rustproofed and finished in four coats of best Black enamel. Forks finished Black with chromium-plated crown and tips.

ACCESSORIES. Superior quality celluloid pump. Spanners and oil can in a Brooks' touring bag. Prismatic reflector.

This model can be supplied in any Carlton Coloured Enamel without extra charge.

CASH PRICE (MODEL RS)

£6-10-0 or easy terms

Continental style box lining - - - 5/- extra



THE **Clubman** MODEL CR
NOW FINISHED IN ANY ENAMEL COLOUR

SPECIFICATION

FRAME. 20in., 21in. or 22in. sizes. Upright design in Reynolds tubing, cutaway and fishtailed lugs. Brazed straight taper seatstays. Quick drop-out rear fork ends.

Brazed-on pump pegs, guard eyes, reflector eye and Chater-Lea adjustable detachable lamp bracket. Wheelbase, 41½in. Bracket height, 10½in.

FORKS. Profiled and cutaway crown. Russ or Gradual taper blades D to O or O to O machined fork ends.

WHEELS. Dunlop Endrick, 26in. x 1½in. rims. Black 15/17 gauge double-butt spokes. Lightweight racing hubs. 15 and 17 tooth sprockets.

MUDGUARDS. Blumels "Noweright".

TYRES. Dunlop Sprite.

CHAIN. Coventry.

GEAR SET. Williams' C34, 46 teeth, 6½in. crank, 3-pin fastening.

HANDLEBARS. Marsh, Binda, Lauterwasser, Bailey or Shallow Highgate, on 1, 2 or 3in. extension. Shock-stop sponge rubber grips.

BRAKE. Front Calliper.

PEDALS. Racing rat-trap.

SADDLE. Brooks' B15.

FINISH. Four coats of rich Black enamel over rust-proof process or in any of the Carlton range of coloured enamels. All bright parts heavily chromium plated. Forks chromium-plated crown and tips.

ACCESSORIES. Celluloid pump, spanners and oil-can in touring bag. Regulation reflector.

EXTRAS:

Chrome Plated Head	-	-	-	-	7/6
Chrome Plated Rear Ends	-	-	-	-	7/6
Continental Style Box Lining	-	-	-	-	5/-

CASH PRICE (MODEL CR)

£6-17-6 or easy terms

LADIES' MODEL as above with Two Calliper Brakes and Freewheel (C.R.L.) Cash Price - **£7. 2. 6.**
or easy terms

FRAME ONLY - - - - - **£3. 3. 0.**



THE Silver Clubman MODEL SCR

SPECIFICATION

FRAME. 20in., 21in. or 22in. sizes. Upright design in Reynolds "531" Butted Tubing. Cutaway and fish-tailed lugs. Straight taper seatstays. Forward drop-out rear fork ends. Brazed-on pump pegs, mud-guard eyes, reflector eye, and Chater-Lea adjustable and detachable lamp bracket. Wheelbase 41½in. Bracket height 10½in.

FORKS. Profiled and cutaway crown. Russ or Gradual Taper blades D to O or O to O Chater-Lea solid fork ends. Crown and fork tips heavily chromium plated.

WHEELS. Dunlop Endrick light gauge 26in. x 1½in. chromium-plated rims. 15/17 gauge double-buttressed spokes. Light-weight narrow barrel racing hubs heavily chromium plated. Rear double cogged and fitted with 15 and 17 tooth sprockets.

MUDGUARDS. Blumels "Noweight".

TYRES. Dunlop Sprite.

CHAIN. Coventry.

GEAR SET. Williams' C34 46 Tooth 6½in. cranks.

HANDLEBARS. Choice of Marsh, Anelay, Lauterwasser, North Road, Bailey, or Highgate Bars. Chromium-plated on 2in. chromium-plated extension. Sponge rubber grips.

BRAKE. Side pull calliper.

PEDALS. Webb solid centre.

SADDLE. Brooks' B.15.

FINISH. After rustproofing, in any of the Carlton range of coloured enamels.

ACCESSORIES. Celluloid pump, spanners, and oil-can in Brooks' touring bag. Regulation reflector.

EXTRAS:

Sturmey-Archer Ultra Close Ratio Gear -	£1. 5. 3.
Simplex Champion du Monde Gear -	£1. 10. 0.
Frame only - - - - -	£3. 12. 6.
Continental Style Box Lining - - - - -	£0. 5. 0.

CASH PRICE (MODEL SCR)
(AS SPECIFICATION)

£7-7-6 or easy terms

LADIES' MODEL with 2 Calliper Brakes and Free Wheel - - - - - £7. 12. 6. (L.S.C.R.)



THE Carlton Python

SPECIFICATION

FRAME. Built throughout with Reynolds High Manganese Aircraft tubing and upright lightweight malleable lugs, profiled all over and fishtailed in distinctive design. Wide set chainstays, Reynolds latest patterns. Path racing rear fork ends if desired. Wheel-base 41in., bracket height 10½in. Brazed-on mud-guard eyes, pump pegs and reflector eye.

FORKS. High Manganese blades in Russ, Resilient or semi-straight patterns. Machined steel ends. Brazed-on adjustable lamp bracket. Cutaway box crown. Tecalemit lubrication to headclip.

CHAINWHEEL AND CRANKS. 44, 46 or 48T. Williams' C34 3-pin attachment.

WHEELS. Dunlop Lightweight Endrick, 26in. x 1½in. Double-buttet spokes and BW. Lightweight hubs.

TYRES. Dunlop Sprite.

CHAIN. Renolds.

PEDALS. Webb solid centre racing.

MUDGUARDS. Bluemels "Noweight".

HANDLEBARS. Marsh, Bailey, Bulla, Shallow High-gate or Sibbit, on straight 1, 2 or 3in. extension.

BRAKE. Front calliper.

SADDLE. Brooks' B.17 or Flyer on KROMO seat pillar.

FINISH. Four coats of superior Black enamel over rustproof process, or in any of the Carlton range of coloured enamels. Forks chromium plated, or crown and tips.

ACCESSORIES. 15in. celluloid pump, spanners and oil-gun in touring bag.

EXTRAS:

H.P. Wheels and Tyres	-	-	-	-	5/-
Chromium Head and Rear Ends	-	-	-	-	15/-
Sturmey-Archer Ultra Close Ratio Gear	-	-	-	-	25/3
Cyclo "Oppy" Special Racing Deraillleur	-	-	-	-	30/-
Simplex C du Monde Gear	-	-	-	-	30/-
Continental Style Box Lining	-	-	-	-	5/-

CASH PRICE (MODEL PYTHON)

£8-7-6 or easy terms

FRAME PRICE - - - - - £4. 7. 6.

A HIGH-CLASS
TOURING MACHINE

BUILT THROUGHOUT
OF AIRCRAFT TUBING



THE Carlton Tourist MODEL CT

SPECIFICATION

FRAME. 20in., 21in. or 22in. sizes. Semi-upright design or to order. Built throughout with Reynolds High Manganese Aircraft tubing 70° head and seat. Lightweight cutaway and fishtailed lugs. Wide set chainstays. Wheelbase, 42in. Bracket height, 10½in. Brazed-on mudguard eyes, pump pegs and reflector eye.

FORKS. High Manganese, gradual taper D to O blades. Machined steel ends. Brazed-on adjustable lamp bracket. Cutaway box crown. Tecalet lubrication to head clip.

CHAINWHEEL AND CRANKS. 44T, 46T or 48T Williams' C34 3-pin attachment. Freewheel and fixed sprocket.

WHEELS. Dunlop Lightweight Endricks, 26in. x 1½in. 15/17 Gauge double-buttaed spokes with Bayliss Wiley Lightweight hubs.

TYRES. Dunlop Speed.

CHAIN. Renolds.

PEDALS. Webb.

BRAKES. Two chromium-plated calliper brakes.

MUDGUARDS. Blumels Black "Noweight".

HANDLEBARS. Black celluloid covered North Road dropped or flat, Anelay, All-rounder or other suitable bend. 2in. Chromium-plated extension.

SADDLE. Brooks' B.66 or B.18 Champion.

FINISH. Four coats of superior Black enamel over rustproof process. Forks black, chromium-plated crown.

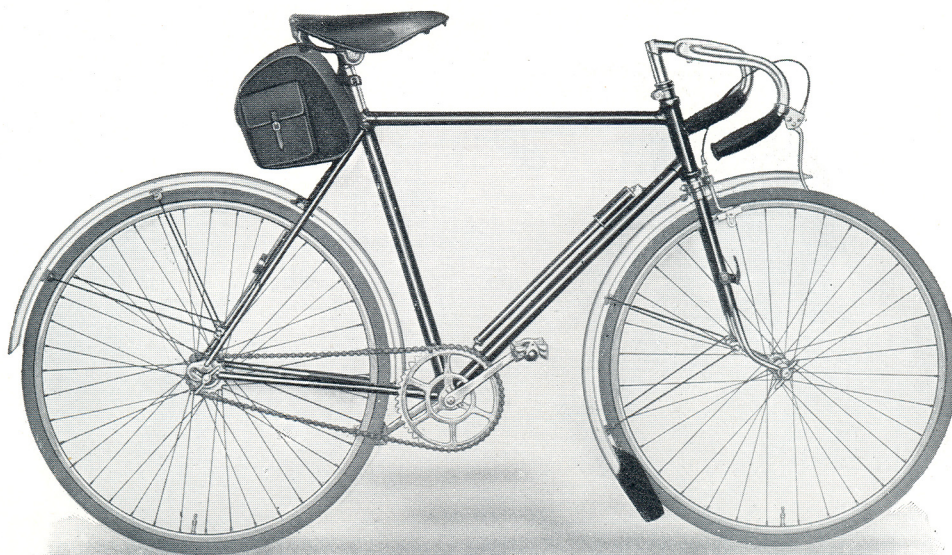
ACCESSORIES. 15in. celluloid pump. Spanners and oil gun in touring bag.

Note—This machine can be supplied finished in Olive Green without extra charge.

CASH PRICE (MODEL CT)

£8-15-0 or easy terms

Sturmey-Archer A.M. Gear - - - 23/- extra
Cyclo 3-speed Gear - - - 21/- extra



THE Carlton Super Python

SPECIFICATION

FRAME. Built throughout with Reynolds "531" butted tubing and 73° upright lightweight malleable lugs or 73° head, 71° seat, profiled all over and fishtailed in distinctive design. Wide set chainstays, Reynolds "531" latest pattern. Path racing rear fork ends if desired. Wheelbase, 41in. Brazed-on mudguard eyes, pump pegs and reflector eye.

FORKS. "531" blades in Russ, Resilient, Gradual taper, or semi-straight patterns. Machined steel ends. Brazed-on adjustable lamp bracket, Cut-away box crown. Tecalet lubrication to headclip.

CHAINWHEEL AND CRANKS. Williams' C1000 44, 46 or 48 Tooth.

WHEELS. Dunlop Lightweight Endrick, 26in. x 1½in. Double-butted spokes and BW. Lightweight hubs.

TYRES. Dunlop Sprite.

CHAIN. Renolds.

PEDALS. Webb solid centre racing.

MUDGUARDS. Blumels "Noweight".

HANDLEBARS. Marsh, Bailey, Bulla, Shallow Highgate, or Sibbit, on straight 2in. extension.

SADDLE. Brooks' B.17 (3 sizes) or Flyer, on KROMO seat pillar.

FINISH. Four coats of superior black enamel or finished in any of the Carlton range of coloured enamels. Forks chromium-plated crown and tips and chromium-plated rear ends.

ACCESSORIES. 15in. celluloid pump, spanners and oil-gun in touring bag.

EXTRAS:

H.P. Wheels and Tyres	-	-	-	-	5/-
Chromium Head	-	-	-	-	7/6
Sturmey-Archer Ultra Close Ratio Gear	-	-	-	-	25/3
Simplex Champion du Monde Gear	-	-	-	-	30/-
Cyclo "Oppy" Special Racing Deraillleur	-	-	-	-	30/-
Continental Style Box Lining	-	-	-	-	5/-

CASH PRICE (MODEL SP)

£9-7-6 or easy terms

FRAME PRICE - - - - - £5. 0. 0.



THE Carlton Massed Start MODEL MS

SPECIFICATION

FRAME. 20in., 21in., or 22in. sizes. Upright design, 73° head, 71° seat in Reynolds "531" butted tubing. Special design lug cutting. Taper seat stays. Forward drop-out rear fork ends. Brazed-on pump pegs, mud-guard eyes, reflector eye and Chater-Lea adjustable and detachable lamp bracket. Wheelbase, 41in. Bracket height with 26in. wheels, 10½in.

FORKS. Cutaway box crown of special design in D to O or O to O section Russ or Gradual taper blades, 2½in. rake. Chater-Lea solid fork ends.

WHEELS. Dunlop Endrick light gauge 26in. x 1½in. chromium-plated rims. 15/17 gauge double-buttet spokes. Bayliss Wiley No. 9 front, and Continental double-sided rear racing hubs, heavily chromium-plated.

MUDGUARDS. Blumels "Noweight".

TYRES. Dunlop Sprite.

CHAIN. Renolds Elite.

GEAR. Choice of Simplex Champion du Monde, Sturmey-Archer A.R. with trigger control, or Cyclo special "Oppy" racing Derailleur.

HANDLEBARS. Choice of C.P. Bailey, Bulla, Binda, Tour de France, Pelissier or Shallow Highgate on C.P. 1in., 2in. or 3in. extension. Tapes and stops.

BRAKES. Front and rear callipers.

PEDALS. Webb solid centre racing.

SADDLE. Brooks B.15.

ACCESSORIES. Celluloid pump, spanner and oil gun.

FINISH. After rustproofing, frame in any coloured enamel or flamboyant finish and complete with Continental type box panelling. Forks three-quarter chrome, and colour to match frame.

Note—This machine will only be supplied complete with gear.

CASH PRICE (MODEL MS)

£9-15-0 or easy terms

FRAME ONLY	-	-	-	-	£4. 0. 0.
H.P. Tyres and Rims	-	-	-	-	5/- extra

AN UP-TO-DATE
RACING MODEL AT
A REASONABLE
PRICE

CHATER-LEA
HEAD AND
BRACKET
FITTINGS



THE Carlton New Race MODEL NR

SPECIFICATION

FRAME. Made throughout of Reynolds "531" butted tubing and 73° Chater-Lea upright lightweight malleable lugs, or 73° Head and 71° Seat, profiled all over and fishtailed in distinctive design and built with Chater-Lea head fittings. Wide set chainstays, Reynolds "531" latest patterns. Path racing rear fork ends if desired. Wheelbase 41in. Brazed-on mudguard eyes, reflector eye and pump pegs. Chain hook if desired. A Chater-Lea bottom bracket is fitted to this model, the 5/16in. bearings giving wonderful easy running. Standard bracket height 11in.

FORKS. "531" in Russ Gradual Taper, Resilient or semi-straight patterns. Machined steel ends. Brazed-on adjustable lamp bracket. Cutaway box crown. Tecalemit lubrication to headclip.

CHAINWHEEL AND CRANKS. Williams' C1000 3-pin attachment; 44, 46 or 48 tooth.

WHEELS. Dunlop High Pressure, 26in. or 27in. x 1½in. Double-butted spokes. "Solite" or "Featherweight" hubs to order.

TYRES. Dunlop High Pressure 26in. or 27in. to order.

CHAIN. Renolds Elite.

PEDALS. Boa.

MUDGUARDS. Blumels "Noweight".

HANDLEBARS. Shallow Highgate, Bailey, Sibbit, Bulla, Binda, Oppy or Southall on 1in., 2in. or 3in. extension to order.

SADDLE. Brooks' B.17 (3 sizes) or Flyer on KROMO seat pillar.

FINISH. Four coats of superior Black enamel over rustproof process or any of the "Carlton" range of coloured enamels. Forks chromium-plated crown and tips and chromium-plated rear ends.

ACCESSORIES. 15in. celluloid pump, spanners and oil-gun.

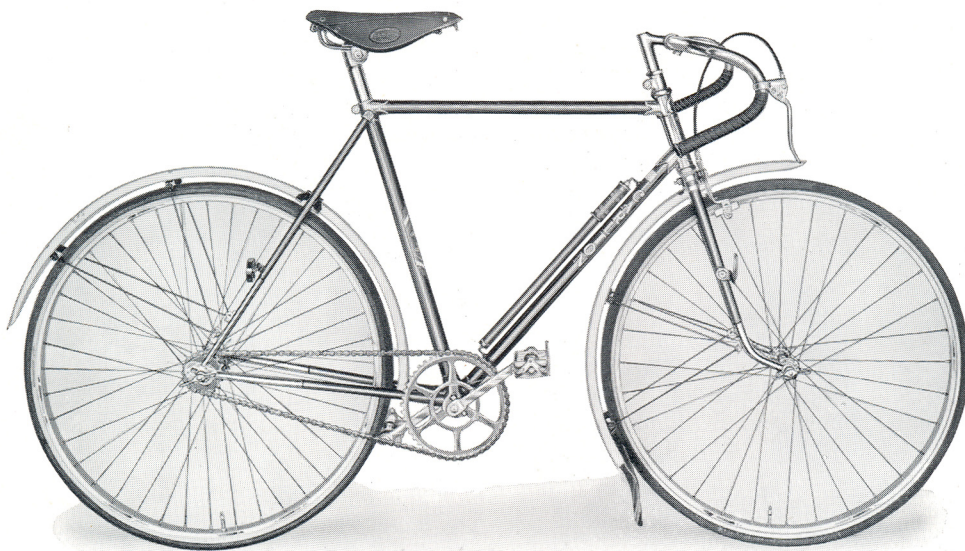
EXTRAS:

Chromium Head	-	-	-	-	-	7/6
Flamboyant Colours	-	-	-	-	-	5/-
Cyclo "Oppy" Special Racing Derailleur	-	-	-	-	-	30/-
Continental Style Box Lining	-	-	-	-	-	5/-

CASH PRICE (MODEL NR)

£10-5-0 or easy terms

FRAME PRICE - - - - - £5. 5. 0.



Carlton Model "73"

SPECIFICATION

FRAME. Built throughout of Reynolds H.M. butted tubing and 73° lightweight head and seat lugs, or 73° head and 71° seat lugs to order, profiled all over and fishtailed. H.M. chain and seat stays. Frame sizes, 20in., 21in. or 22in. Wheelbase, 40½in. Bracket height with 26in. wheels, 10¾in. Brazed-on mudguard eyes, pump pegs and reflector eye.

FORKS. H.M. blades in Russ, Resilient or Continental D to R or O to O sections. 2in. rake fork.

CHAINWHEEL AND CRANKS. Williams' C1000 special Lightweight or B1100 5-pin to order. Sizes 42T, 44T, 46T or 48T. Two fixed sprockets.

WHEELS. Dunlop High Pressure 26in. or 27in. x 1¼in., built with double-butt spokes and Airlite hubs.

TYRES. Dunlop High Pressure.

MUDGUARDS. Blumels "Noweight".

CHAIN. Renolds Elite.

BRAKE. Front Calliper.

PEDALS. Webb chromium plated.

HANDLEBARS. Chromium-plated Bailey, Sibbit, Bulla, Binda, Shallow Highgate or Continental on 1in., 2in. or 3in. extension.

SADDLE. Brooks' B.17 (any size) or B.17 Flyer on KROMO seat pillar.

FINISH. Frame rustproofed and finished in any "Carlton" Flamboyant or Enamel colour. Chrome-plated head and rear ends. Forks with chromium-plated crown and tips.

ACCESSORIES. 15in. Celluloid pump. Spanners and oil gun.

CASH PRICE (MODEL 73)

£10-10-0 or easy terms

FRAME PRICE - - - - - £5. 0. 0.

Continental Style Box Lining - - - - - 5/- extra



THE Carlton Super Chrome

SPECIFICATION

FRAME. Built throughout with Reynolds "531" Butted Aircraft tubing and upright lightweight malleable lugs, profiled all over and fishtailed in distinctive design. Chater-Lea Head fittings and Chater-Lea 75° head and 73° seat lugs or 73° head and seat lugs. Wide set chainstays, Reynolds "531" latest patterns. Wheelbase, 40½ in. Brazed-on mudguard eyes, pump pegs and reflector eye.

FORKS. "531" Blades in Russ, Resilient, Gradual Taper or semi-straight patterns. Machined steel ends. Brazed-on adjustable lamp bracket. Cutaway box crown. Tecalet lubrication to headclip.

CHAINWHEEL AND CRANKS. Williams' C1000.

WHEELS. Dunlop lightweight Endrick, 26 in. x 1½ in. double-buttressed chrome-plated spokes and B.W. lightweight hubs. Two fixed sprockets.

TYRES. Dunlop Sprite.

CHAIN. Renolds Elite.

PEDALS. B.O.A.

BRAKE. Front Calliper.

MUDGUARDS. Blumels "Noweight".

HANDLEBARS. Marsh, Bailey, Bulla, Binda, Shallow Highgate or Sibbit, on straight 2 in. or 3 in. extension.

SADDLE. Brooks B.17 (3 sizes) or Flyer on KROMO seat pillar.

FINISH. Carlton Mirror polished Silver Plate Chrome ALL OVER.

ACCESSORIES. 15 in. Celluloid pump, spanners and oil gun.

CASH PRICE (MODEL SC)

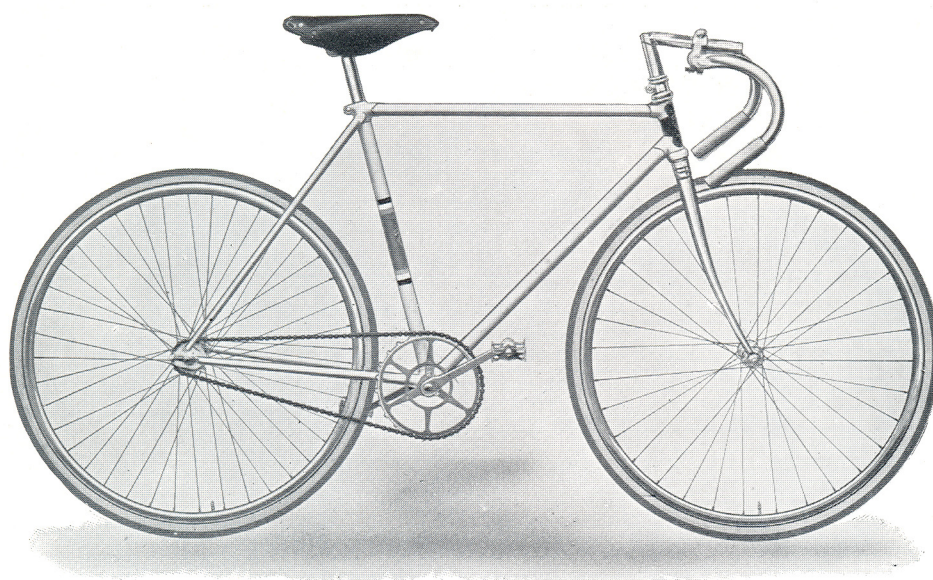
£11-5-0

or easy terms

FRAME PRICE - - - - - £7. 0. 0.

H.P. Wheels - - - - - 5/- extra

S Sturmey-Archer, Cyclo or Simplex Gears to order extra.



THE Carlton Road Track MODEL RT

SPECIFICATION

FRAME. "531" butted tubes throughout. Built with Chater-Lea 75° head and seat lugs or 75° head and 73° seat and assembled with Chater head and bracket fittings. Frame size, wheelbase and bracket heights to order. Chain and seat stays "531".

FORKS. As illustrated or to order. "531" tubing.

WHEELS. 27in. (recommended) 1st grade Constrictor.

TYRES. Dunlop or Constrictor. Path or grass to order.

PEDALS. Boa solid centre.

SADDLE. B.17 narrow or sprinter to order, on KROMO seat pillar.

CHAIN. Renolds Elite $\frac{1}{2}$ in. x $\frac{1}{8}$ in. or Coventry 1in. x $\frac{3}{16}$ in. block.

CHAINWHEEL AND CRANKS. Williams' C1000 or 5-pin any size up to 52 Th. 1in. pitch up to 26 Th. if required, to order. $6\frac{1}{2}$ in. cranks.

HANDLEBARS. Bailey, Sibbit, Southall or Continental on Major Taylor adjustable extension.

FINISH. "Carlton" Silver with full chrome fork and bands on seat tube, chrome-plated head lugs. Head tube picked out in colour. Band to match head tube on seat tube. May be obtained enamelled in any of our colour range to order with panel and head tube in a contrasting colour.

EQUIPMENT. Oil-gun and tools only.

CASH PRICE (MODEL RT)

£12-0-0 or easy terms

FRAME PRICE - - - - - £5. 5. 0.

Chromium Plated Rear Ends - - - 7/6 extra

"THE LAST WORD IN
HAND BUILT ROAD
RACING MACHINES"



"INCOMPARABLE
FINISH AND
LUG WORK"

THE **Carlton Flyer** MODEL CF SPECIFICATION

FRAME. Size to order. Built of Reynolds "531" butted tubing, including chain and seat stays. Complete sets of Chater lugs and fittings are used throughout. Standard angles 75/73, 73/73 and 74/71, or to order. Cutaway and fishtailed lugs filed to a beautiful feather-edge. Rapid taper chain stays or to order. Drop-out rear ends. Wheelbase 40in. Usual brazed-on fittings. Super finish. Scientifically reinforced lugs and bracket, giving utmost rigidity.

FORKS. Reynolds "531" short rake Russ, Gradual Taper, Resilient or semi-straight patterns D to R or O to O with profiled and slotted crown or to order. Solid machined fork ends.

GEAR SET. Chater fluted lightweight cranks fitted with any size chainwheel from 40 to 48 Th. 6½in. cranks.

WHEELS. Dunlop high pressure rims built on "Solite" or "Featherweight" hubs.

TYRES. Dunlop high pressure, 26in. or 27in. to order.

CHAIN. Renolds Elite.

BRAKE. Front calliper Gloria Tour de France, with white cable.

PEDALS. Boa.

MUDGUARDS. Blumels 2¼in. "Noweight" or 1½in. Lightweight to order.

SADDLE. Brooks' B.17 (3 sizes) Flyer or Flyweight on KROMO seat pillar.

HANDLEBARS. Any C.P. "Kromo" bend on "Kromo" stem. Extension 2in. or 3in. to order.

LUBRICATION. Force feed to crown, headrace and double lubrication to bottom bracket.

FINISH. In any coloured enamel or Flamboyant finish C.P. head and rear ends, head tube picked out in contrasting colour. International Chevron transfer on seat tube. As an alternative a 6in. band on the seat tube instead of chevron is allowed, but it must be the same colour as the head tube. Wheels centred to match frame. Forks finished three-quarter chrome colour to match frame, with narrow bands to match head.

ACCESSORIES. Force feed oil-gun, 15in. celluloid pump, tools and stay fitting reflector.

CASH PRICE (MODEL CF)

£12-10-0 or easy terms

EXTRAS:

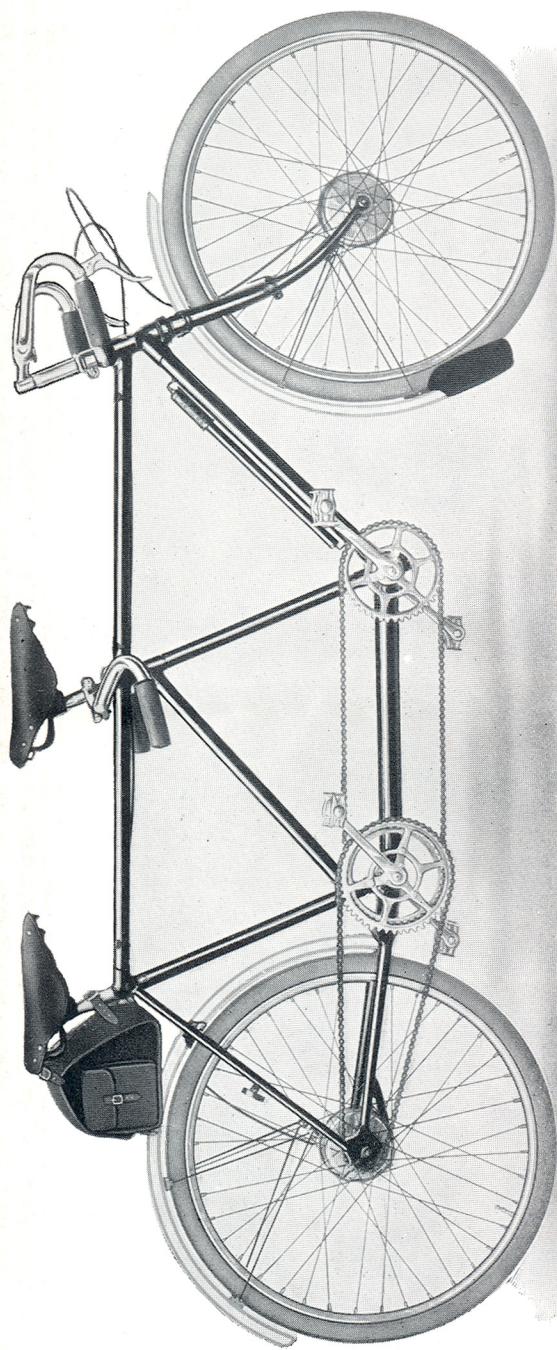
Sturmey-Archer Ultra Close Ratio Gear	£1. 5. 3.
Simplex Professional 3-Speed Gear	£1. 10. 0.
Cyclo "Oppy" Special Racing Derailleur	£1. 10. 0.

With full equipment, including mudguards, but fitted with Constrictor best quality Maple Wood Rims and No. 3 Dunlop tubulars in lieu of High Pressure tyres and rims.

£14-2-6 or easy terms

Frame only to above specification - £5. 10. 0.

Frame finished all Chrome - - - £8. 5. 0.



THE Carlton Tandem

MODEL DD OR CS
(SINGLE SPEED)

FRAME. Built with "A" Quality Tubing and Brampton's fittings throughout. Brazed-on pump pegs, mudguard eyes, reflector eyes and lamp bracket. Size 20½in. front; 20in. rear. Wheel-base 64in.

FORKS. Extra strong cast crown, Reynolds D to O blades. Brazed-on solid machined fork ends.

MUDGUARDS. Bluemels "Featherweight".

A Sturmev-Archer 3-Speed Gear can be fitted to either model £1. 2. 6. extra

A Cyclo 3-Speed Gear can be fitted to either model - £1. 4. 0. extra

Frame to above Specification: Gent's - £7. 0. 0. Lady Back - £7. 5. 0.

CHAINWHEELS AND CRANKS. 42, 46 or 42; 48 teeth direct drive.

WHEELS. Dunlop, 26in. x 1½in. Endrick rims.

HUBS. Sturmev-Archer with internal expanding brakes, front and rear, or Standard Tandem Hubs with Cantilever "A" chrome-plated brakes.

TYRES. Dunlop Tandem.

CHAINS. Coventry.

PEDALS. Racing rat-trap.

SPECIFICATION

SADDLES. Brooks' B.15 or Resilient Top. **HANDLEBARS.** Marsh, North Road, Anelay, Lauterwasser, or Shallow Highgate (other patterns to order, extra). Shock stop grips.

FINISH. Four coats of rich Black enamel over special rustproof process. All bright parts heavily chromium plated.

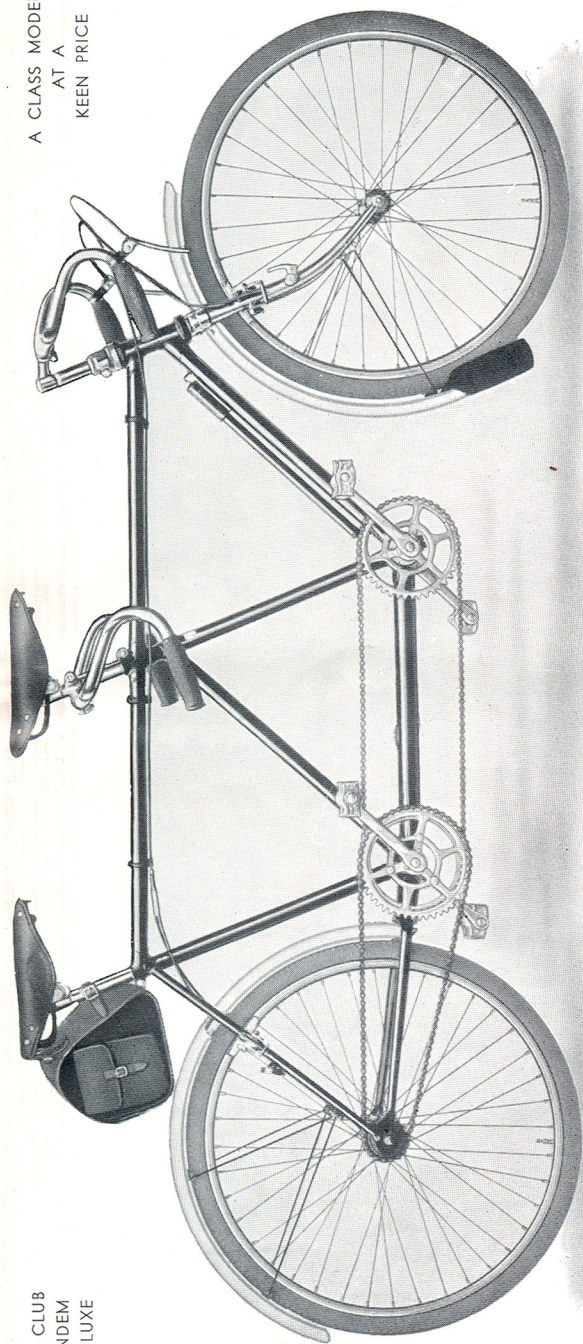
ACCESSORIES. Celluloid pump, spanner and oilcan in touring bag. Regulation reflector.

CASH PRICE (MODELS DD or CS)

GENT'S £15-2-6 LADY BACK £13-7-6

THE CLUB
TANDEM
DE LUXE

A CLASS MODEL
AT A
KEEN PRICE



THE Carlton Python Tandem

MODEL PT

FRAME. Built with H.M. butted tubing through-out. Brazed-on pump pegs, mudguard eyes, reflector eyes and lamp bracket. Lugs filed and feather edged. Sizes 20 $\frac{1}{2}$ in. front and 20in. rear. Wheelbase 62 $\frac{1}{2}$ in.

FORKS. D to O Reynolds H.M. tandem blades or Russ to order. Brazed-on solid machined fork ends.

MUDGUARDS. Blumels.

CHAINWHEEL AND CRANKS. Williams' 42; 46 or 42; 48 teeth. Direct drive.

WHEELS. Dunlop tandem chromium-plated End-rick rims with depressed holes, 26in. x 1 $\frac{1}{8}$ in.

BRAKES. Chrome-plated resiliion cantilever "A" brakes and C.P. tandem hubs, or S.A. hubs and brakes to order.

TYRES. Dunlop Tandem black, translucent or Sprite to order; 26 x 1 $\frac{1}{8}$ in.

CHAINS. Renolds Elite.

PEDALS. Webb solid centre racing.

HANDLEBARS. Choice of Bailey, Shallow High-gate, Marsh, Anelay, North Road, Bulla, Binda or Lauterwasser. (Other patterns extra.)

SADDLES. B.17 or Flyer.

FINISH. Four coats of best Black enamel after special rustproof process. All bright parts heavily chromium plated.

ACCESSORIES. Celluloid pump, spanner and oil-gun in touring bag. Regulation reflector.

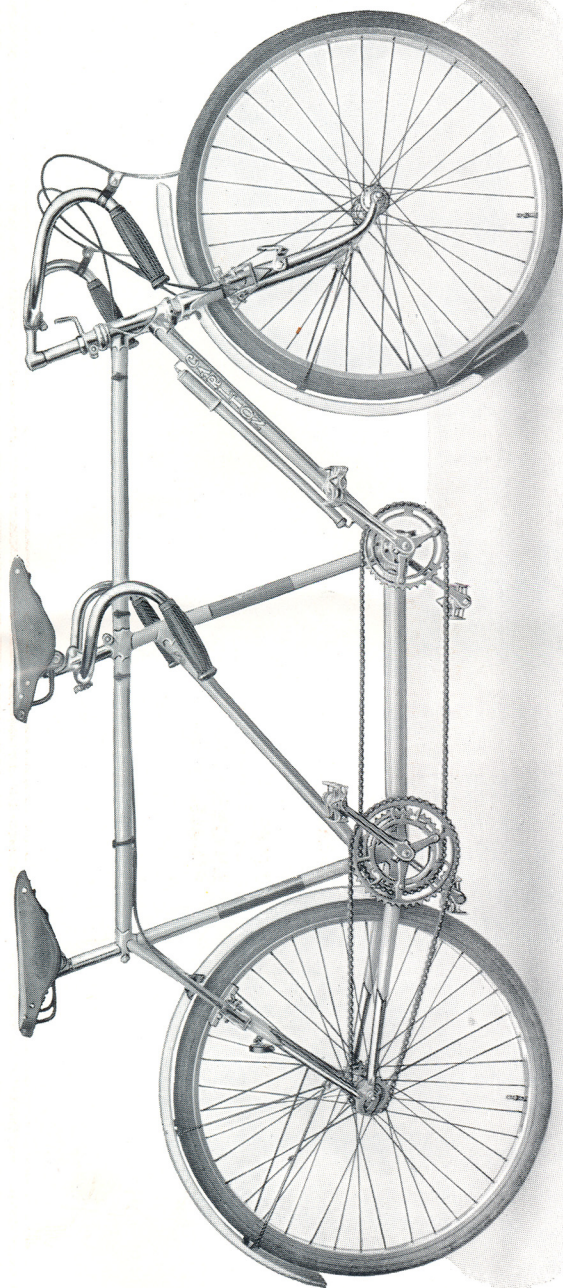
SPECIFICATION

Frame to above Specification	-	-	-	-	-	£9. 0. 0.
Sturmev Archer 3-Speed Gear	-	-	-	-	-	£1. 2. 6. extra
Cyclo 3-Speed Gear	-	-	-	-	-	£1. 4. 0. extra

CASH PRICE (MODELS DD or CS)
OR EASY TERMS

£16-10-0

"FOR RECORD BREAKING OR TIME TRIALS"



THE Carlton Flyer Tandem

SPECIFICATION

FRAME. D.D. or Central Stay built with complete sets of Chater-Lea lugs and fittings (Nos. 90 or 92) and "531" butted tubing throughout. Usual brazed on parts. Lugs to special design and filed to a feather edge. Frame sizes 20in. to 22in. Wheelbase, 60in. to 62½in. as ordered. Top tubes, front, up to 21½in.; rear, up to 22in., according to wheelbase. (Recommended wheelbase 61in., top tubes 21in.)

FORKS. D to O Reynolds "531" Tandem blades or Russ pattern. C.L. solid fork ends. Finish

"Flyer" panel on all chrome.

MUDGUARDS. Bluemels "Noweight".

CHAINWHEEL AND CRANKS. 36, 46, and 48T only. Chater-Lea direct drive; 6½in. cranks.

WHEELS. Dunlop Tandem Endrick, C.P. finish. 26in. x 1½in.

BRAKES. Two chrome-plated resilon "A" brakes. Tyres. Any Dunlop Tandem tyre to order.

CHAINS. Renolds Elite.

PEDALS. Webb, B.O.A. or Brampton. All solid centre.

HANDLEBARS. Bailey, Bulla, Binda, Continental, Marsh, or to order, in C.P. steel.

SADDLES. B.17 (all sizes) or B.66 to order.

FINISH. Enamelled any colour to order. Chrome head lugs and rear ends. Head tube picked out in a suitable colour to match. Head and wheel centres in same colour. Edged panels on seat tubes same colour as Head tube.

ACCESSORIES. Pump, spanners and oil-gun.

£22-10-0

CASH PRICE (MODEL FT)
OR EASY TERMS

Sturmev-Archer Tandem "A.W."	3-Speed Gear	-	-	-	£1. 2. 6. extra
Cyclo Derailler Tandem	3-Speed Gear	-	-	-	£1. 4. 0. extra
Frame to above Specification		-	-	-	£13. 10. 0.



Polo Model

SPECIFICATION

FRAME. Built with upright head and 23in. top tube. ALL STRAIGHT TUBES. Wheelbase, 37½in.

FORKS. Straight and extra strong.

WHEELS. Dunlop 26in. x 1½in. Tandem built with heavy spokes. Front wheel, 3in. spindle.

TYRES. Dunlop Non-skid.

SADDLE. Dunlop.

HANDLEBARS. Flat on adjustable stem. Rubber grips.

CHAINWHEEL AND CRANKS. Williams, 36T x 5½in. Cranks or 36T x 6½in. to order. 24T Sprocket. Bracket height, 11½in. By the use of a special bottom bracket, extra clearance is allowed between the tyres and the chain stays. Ample clearance between cranks and chain stays both sides of machine.

FINISH. Frame in Blue enamel. Forks in Red. Any other combination of colours can be supplied.

Special Note—This Model can also be supplied with 24in. front and 26in. rear wheels with parallel top tube. This is claimed by experts to give better steering.

CASH PRICE (MODEL POLO)

£4-15-0 or easy terms

FRAME ONLY - - - - - £2. 17. 6.

SPARES AND EXTRAS

PLEASE NOTE—All prices quoted as extras are extras to NEW MACHINES only.

CHROME PLATING.

	£	s.	d.
Complete Machine, including Forks.			
Models listed without chrome - - -	3	0	0 extra
Complete Machine, including Forks.			
Models SCS, RB, CR, Python, RS, MS & SCR - - - - -	2	15	0 "
Complete Machine, including Forks.			
Models Super Python, NR, SR, RT, CC, 73 & CCX - - -	2	2	6 "
Complete Machine, including Forks.			
Model Flyer - - - - -	1	15	0 "
6in. Chrome panel on any tube - - -	0	7	6 "
Head of machine - - - - -	0	7	6 "
Rear ends of machine - - - - -	0	7	6 "
Rear ends of machine carried up 10in. or 12in. where rear ends are standard	0	2	6 "
Bottom bracket of machine - - - - -	0	7	6 "
Seat lug of machine - - - - -	0	7	6 "
Head and 8ins. along top and down tubes - - - - -	0	15	0 "
Chain and seat stays all over - - -	0	17	6 "
Chain and seat stays all over (when rear ends are standard) - - - - -	0	10	0 "
Forks, crown only - - - - -	0	3	6 "
" crown and tips (cycle) - - - - -	0	7	6 "
" full chrome (cycle) - - - - -	0	10	0 "
Head of machine - - - - -	0	10	0 "
Rear ends of machine - - - - -	0	10	0 "
Forks, crown and tips (Tandem) - - -	0	9	0 extra
" full chrome (Tandem) - - - - -	0	12	0 "
Rear ends of tandem - - - - -	0	10	0 "
Head of tandem - - - - -	0	10	0 "
Tandem frame all over, including forks, where no chrome is specified - - -	To Quotation		

ENAMELLING CYCLES.

Frame and forks with four coats of best Black enamel - - - - -	0	9	0
Frame and forks enamelled in any of the Carlton colour range (over 20 colours)	0	14	0
Frame and forks finished in any of the Carlton Flamboyant finishes on aluminium - - - - -	0	19	0
Frame and forks in Flamboyant finish on polished chrome, "Flyer" Model only -	1	12	6 extra
Frame and forks in Flamboyant finish on polished nickel or chrome other models - - - - -	To Quotation		
6in. Coloured panel on seat tube, edged top and bottom - - - - -	0	5	0 extra
Head tube in different colour to frame -	0	5	0 "
Coloured band on rims - - - - -	0	1	3 each
Frames finished in two colours - - -	0	5	0 extra

ENAMELLING TANDEM.

Frame and Forks, Black - - - - -	0	17	6 "
" " " Colours - - - - -	1	7	6 "
" " " in Flamboyant finishes on aluminium - - - - -	1	17	6 "
Coloured bands to head, bands on seat tube, and bands on rims—same as for cycles.			

	£	s.	d.
Sturmey-Archer 3-speed gear on a new machine, A.W. - - - - -	1	1	0 extra
Sturmey-Archer 2-speed gear on a new machine, T.C. (close ratio) - - -	1	1	0 "
Sturmey-Archer 2-speed gear on a new machine, T. & T.F. - - - - -	0	16	9 "
Sturmey-Archer 3-speed A.M. Gear -	1	3	0 "
Sturmey-Archer 3-speed with internal expanding brakes, A.B. - - - - -	1	8	6 "
Sturmey-Archer 3-speed ultra close ratio A.R. - - - - -	1	5	3 "
Sturmey-Archer Trigger Control to any gear - - - - -	0	3	0 "
Sturmey-Archer 3-speed hub brakes front and rear to a new machine in lieu of 2 rim or calliper brakes -	1	11	9 "
Sturmey-Archer 3-speed and hub brakes front and rear, in lieu of one calliper brake - - - - -	1	17	3 "
Sturmey-Archer single cycle hub and hub brakes in lieu of calliper front - -	0	10	6 "
Sturmey-Archer single cycle hub and hub brakes in lieu of calliper rear -	0	10	6 "
Sturmey-Archer pair hub brakes in lieu of roller levers - - - - -	0	15	0 "
Cyclo 3-speed gear, solo, Standard, Star or Poly - - - - -	1	1	0
Cyclo 3-speed Tandem Gear - - - - -	1	4	0
" hub unit - - - - -	0	5	0
Osgear in Conloy finish with Boss pattern freewheel - - - - -	1	2	0
Simplex "Champion du Monde" gear. Professional - - - - -	1	10	0
Cyclo "Oppy" special racing gear - -	1	10	0
Cyclo with hub unit - - - - -	1	15	0
Resilion Cantilette brake front or rear, black - - - - -	0	7	6
Resilion "A" Cantilever brake, front, black - - - - -	0	11	6
Resilion "A" Cantilever brake, rear, black - - - - -	0	10	6
Webb rear Calliper brake - - - - -	0	5	6
" front Calliper brake - - - - -	0	5	0
Monitor cam front or rear brake - -	0	7	0
Gloria "Tour de France" brake, C.P. steel front or rear - - - - -	0	7	0
Gloria "Tour de France" brake, light alloy front or rear - - - - -	0	14	0
Conloy front light alloy brake - - -	0	10	6 each
" rear light alloy brake - - - - -	0	10	9 "
Hidiminium or Conloy Wing Nuts in lieu of steel - - - - -	0	2	3 extra
Hidiminium lamp bracket in lieu of steel	0	0	9 "
R.R.56 Handlebar bends in lieu of "Kromo" - - - - -	0	2	6 "
R.R.56 Stems in lieu of "Kromo" - -	0	3	6 "
"Ava" stem in place of "Kromo" - - -	0	1	6 "
"Ava" bend in place of "Kromo" - - -	0	1	6 "
Conloy or Hidiminium seat pillars - -	0	4	0
Conloy or Hidiminium seat pillars in lieu of steel lightweight - - - - -	0	2	3 extra
Lightweight C.P. steel seat pillars in lieu of standard - - - - -	0	1	0 "

SPARES AND EXTRAS

	£	s.	d.
Tandem C.P. headstems - - - -	0	4	6 each
Solo C.P. headstems - - - -	0	3	6 "
Major Taylor extension and clip in lieu of C.P. steel stem - - - -	0	3	0 extra
"Kromo" C.P. bends instead of standard " C.P. headstems instead of standard - - - -	0	3	6 "
C.P. handlebars or celluloid covered, where black enamel is listed - -	0	2	0 "
Celluloid guards in lieu of steel - -	0	2	6 "
"Noweight" or Lightweight coloured guards with white patch over standard white - - - -	0	2	6 "
Detachable Front "Spearpoint" extensions - - - -	0	1	3 "
Brooks B17 saddle in lieu of B15 - -	0	1	3 "
Brooks patent seat pillar instead of standard - - - -	0	6	0 "
C1000 or B1100 Chainwheel and cranks instead of C34 - - - -	0	1	0 "
Williams B1200 "Continental" chainwheel and cranks instead of C1000 - -	0	3	0 "
Chater-Lea Chainwheel and Cranks instead of C.1000 - - - -	0	5	0 "
Chater-Lea Chainwheel and Cranks 6½in. or 7in. instead of 6½in. - -	0	12	0 "
Machines built with Chater-Lea bottom bracket and fittings, including 5/16in. balls in lieu of standard - - -	0	2	0 "
Bayliss Wiley B.B. Units - - - -	0	10	0 "
Building frames to non-standard angles -	0	2	0 "
B.O.A. pedals where Webb are standard	0	5	0 "
Brampton solid centre pedals in lieu of B.O.A. - - - -	0	1	0 "
Webb pedals in lieu of Brampton sports "Elite" or "Renold" chain in lieu of Coventry - - - -	0	2	0 "
Perry derail chain in lieu of standard	0	2	6 "
Solid block chain in lieu of roller (1in. x ½in.) - - - -	0	1	0 "
Solid block chain in lieu of roller (1in. x 3/16in.) - - - -	0	2	0 "
Cycle Inflators, coloured, to match frame	0	12	3 "
Cycle Inflators, coloured, extra to specification - - - -	0	13	5 "
Tecalemit lubrication (including gun) when not standard - - - -	0	2	6 "
Red, White and Blue bands and head transfer on seat tube when not standard - - - -	0	2	6 "
1in. pitch chainwheels, when not standard - - - -	0	1	0 "
"531" tubing in place of "HM" on tandems - - - -	0	2	0 "
In all cases where "531" tubing is specified on machines, Chrome Molybdenum can be substituted at the same cost. - - - -	0	10	0 "
Solid fork ends and brazed-on mud-guard eyes to sports models - -	0	3	6 "
Russ type forks in lieu of sports - -	0	2	0 "

	£	s.	d.
"Noweight" guards with quick release fittings - - - -	0	2	6 extra
Ultralight guards in lieu of "Noweight" - - - -	0	2	6 "
Osgear rear ends to racing frames or machines - - - -	0	1	6 "
Chrome-plated pumps - - - -	0	1	0 "
Chater-Lea chain adjusters to track rear ends - - - -	0	2	0 "
C.30 saddles on cheap machines - -	0	2	6 "
Chrome-plated wing or track nuts, per pair - - - -	0	0	10 "
Chater Lea head fittings to any model when not standard - - - -	0	6	0 "
Freewheel in lieu of fixed sprocket -	0	2	0 "
Double box lining to frames - - -	0	5	0 "
Lining lugs in colours - - - -	0	2	6 "
"531" plain frame tubes to any machine listed under £7 - - - -	0	5	6 "

BUILDING WHEELS.

Steel rims with rustless spokes, plus cost of rims and hubs - - - -	0	5	0 pair
Steel rims with D.B. spokes, plus cost of rims and hubs - - - -	0	6	0 "
Racing wheels, high pressure, wood or alloy, plus cost of rims and hubs -	0	7	0 "
Chrome-plated rustless spokes, Solo (extra to any type) - - - -	0	2	6 "
Chrome-plated rustless spokes Tandem (extra to any type) - - - -	0	3	6 "
Spokes, tied and soldored. Both wheels -	0	2	0 "
Bayliss Wiley No. 9 and 10 hubs in lieu of Bramptons - - - -	0	3	0 extra
"Solite" hubs instead of "Lightweight" -	0	8	6 "
"Airlite" hubs instead of "Solite" - -	0	6	0 "
"Airlite Continental" hubs instead of "Solite" - - - -	0	13	0 "
Stainless steel rims in lieu of high pressure - - - -	0	17	6 "

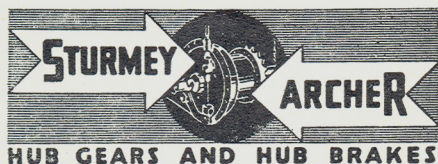
RETAIL PRICES OF STANDARD FORKS.

Sports Forks, with solid fork ends as SD	0	8	0 each
RS, SCS or RB - - - -	0	12	0 "
CR and SCR. Crown and tips - - -	0	14	6 "
CR and SCR, all Chrome - - - -	0	17	6 "
HM Forks, all Black - - - -	0	18	6 "
HM and CM Forks, chromed crown and tips - - - -	1	1	0 "
HM and CM Forks, all chrome - - -	1	3	6 "
Special CM and "531" Forks, crown and tips - - - -	1	2	6 "
Special CM and "531" Forks, all chrome -	1	5	0 "
Tandem Forks "A" grade. All black -	0	15	0 "
" " "A" grade. Crown and tips - - - -	1	0	0 "
" " "A" grade. All chrome - - -	1	3	0 "
" " H.M. or C.M. Crown and Tips - - - -	1	5	0 "
" " H.M. or C.M. All chrome - - -	1	8	0 "
Forks with double plate crowns on all racing machines except the "Continental" - - - -	0	2	6 "

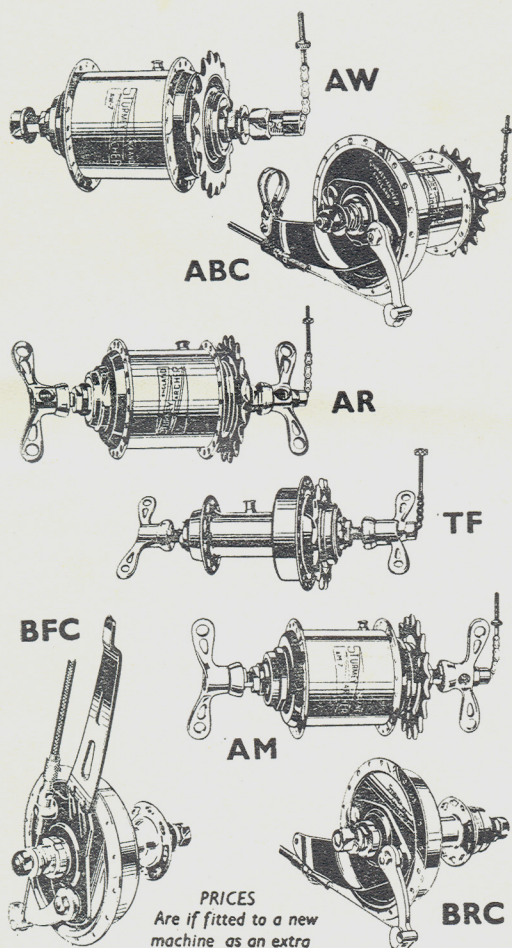
NOTE—All prices are subject to alteration without notice but ONLY in the event of our having to meet increased charges for labour or materials.

The Gears that Make Cycling easy

We recommend



We recommend Sturmey-Archer Hubs as they provide a complete range of gears to suit every class of rider. Neat, light, totally enclosed, and oil bathed to ensure sweet and silky running, Sturmey-Archer Gears are renowned for their reliability under all riding conditions. The AR Ultra Close Ratio 3-speed Hub has been specially designed for fast road work, and has been perfected only after the most careful and severe testing under the most exacting conditions.



PRICES
Are if fitted to a new
machine as an extra

AW21/- 3-Speed Hub, 33 $\frac{1}{3}$ % increase and 25% reduction from normal. Suitable for all types of cycles.

ABC 27/6 Ratios as above. Incorporating a hand operated internal expanding brake. Suitable for all types of Cycles.

AR 25/3 Ultra Close Ratio 3-Speed Hub, 7.24% increase, 6.76% decrease. A special feature is the instantaneous change of gear under all conditions. Suitable for sports and racing Cycles.

TF 16/9 2 Speed Hub. 25% reduction from normal. Supplied with either fixed or free wheel. Suitable for sports tandem or carrier cycles. Adds 9 $\frac{1}{2}$ -ozs. only to the weight of a machine.

AM 23/- Medium ratio 3-Speed Hub, 15.55% increase and 13.46% reduction from normal. Suitable for Sports and Racing machines.

BFC Front Hub with internal expanding brake. Suitable for all types of Solo Cycles.

BRC Rear Single Speed Hub with internal expanding brake. Suitable for all types of Solo cycles.

The Brakes that Make Cycling safe

"The Sturmey-Archer A.R. Ultra Close Ratio 3-Speed Hub was used by Sid Ferris on his Edinburgh-London, Land's End to John O'Groats, and 1,000 miles records"

ALL CARLTON CYCLES ARE GUARANTEED FOR 20 YEARS

GUARANTEE—Every part which is sold by us either separately or assembled with other parts carries the following express agreements, which take the place of and exclude all conditions, warranties, and liabilities whatsoever, which exist either by Common Law, statute or otherwise. Any statement, description, condition, or representation, either verbal or contained in any advertisement, catalogue, leaflet or other publication shall not be construed as enlarging, varying or over-riding these. We give no guarantee as to performance, quality, or fitness for any particular purpose. Should any defect be alleged in material or workmanship within 20 years after purchase from us we undertake, on the immediate return of the part which is alleged to be defective to our address, carriage paid, within such period, and accompanied by particulars as to the date of purchase, to examine the same, and should any fault be found by us on examination to be solely due to defective material or workmanship, we will repair the defective part or supply a new part in the place thereof free of charge. We do not undertake to bear the cost of any work involved in reinstating a repaired or inserting a new part. This guarantee as to material or workmanship does not extend to defects caused by wear and tear, dirt, neglect, misuse, or accident, nor does it apply to machines let out on hire. Our responsibility is limited to the terms of this guarantee, and we will not be answerable for any contingent or resulting liability or loss, damage, or personal injury arising through any defect, or for any claim for labour, material, or other expenditure incurred in remedying any defect. This guarantee shall apply to parts repaired or replaced under the above clauses and the time limit as to such parts shall run as from the date when any part is repaired or replaced, all the aforesaid implied conditions, liabilities and warranties being excluded.

Coloured and chrome finishes are not guaranteed, but every precaution has been taken as to materials and workmanship, and in cases of complaint we are at all times agreeable to meet the customer.

We guarantee only those machines which are bought from one of our authorised agents. We do not guarantee the specialities of other firms such as Tyres, Chains, Saddles, etc., supplied with our cycles or otherwise. We endeavour to secure the highest quality of these articles, and the makers, whose names generally appear thereon, are in nearly every case willing to replace any defective part, and we will at any time furnish the maker's name as a proof of quality.

The acceptance of the Goods by the agent shall be considered an acknowledgment that they are sold and accepted subject to these conditions and the agent agrees to impose these conditions upon any person to whom the goods may be supplied.

AGENTS OR DEALERS—Those firms whom we describe as Agents or Dealers are not authorised to incur any debts or transact any business whatsoever on our account, other than for the sale of goods which they may purchase from us; neither are they authorised to give any warranty or guarantee on our behalf, except that which is conveyed on our general warranty as above.