

Carlton

"The Hand-made Cycle"



1937

"The HAND-MADE CYCLE at Mass Production Price"

IN these days of mechanisation the human element still remains supreme. And so, taking into consideration the fact that "CARLTON CYCLES" are entirely hand made: that the materials are the best obtainable, and that THE PRICE IS NO GREATER THAN FOR ANY ORDINARY MASS-PRODUCED MACHINE-MADE BICYCLE, we feel that we are justified in claiming that CARLTON CYCLES are the best value for money on the cycle market to-day.

You can buy any one of the comprehensive range with the utmost confidence, knowing that it will retain its smart appearance and smoothness of running.

Our up-to-date Hire Purchase Scheme enables us to sell you the article without any fuss and delay.

The success enjoyed by Carlton Lightweight Cycles and Tandems has proved that the sporting section of the cycling world appreciates individuality in a machine, particularly when this can be achieved without paying extortionate prices.

Our policy of building to our customers' specification has met with much approval, and we cordially invite interested riders to submit their designs for us to quote.

The ultra lightweight range has been considerably extended and we would direct your attention to Models "T.T." and "12," which embody current racing design. Our new introduction, the Tandem Model 60, is at the special request of racing customers.

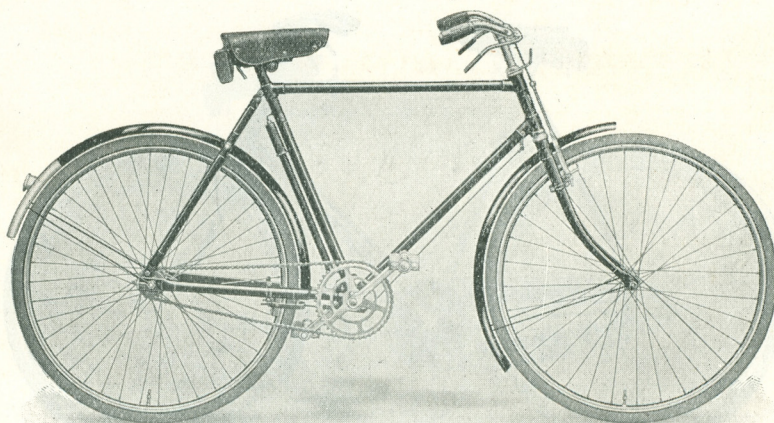
In redesigning the R.B., C.R. and Python, we present three really first rate club mounts at very moderate prices. It is easily apparent that nothing has been omitted from the specifications which would make the machines better for the purposes for which they are intended.

In conclusion, we would like to assure prospective customers that any improvements effected after the issue of this catalogue will be incorporated in our machines.

And remember that the CARLTON is—

British to the last Bolt

CARLTON CYCLES LIMITED :: WORKSOP



GENTS DE-LUXE ROADSTER Model GR

SPECIFICATION

A strong comfortable machine, built to stand up to hard usage and all weathers. The Frame is constructed from best British Steel Tubing in 22in., 24in. and 26in. sizes. All vital parts are sturdily constructed, and the pump pegs are neatly brazed-on.

The mudguards are all weather deep section, designed to give the rider absolute protection in wet weather, and the machine can also be obtained in all-black finish at no extra cost.

All proprietary parts are of the best obtainable. DUNLOP 28in. x 1½in. Roadster

Tyres; VILLIERS De-Luxe Freewheel; COVENTRY Chain; BRAMPTON Patent Full-rubber Pedals; BROOKS' Luxurious Spring-top Saddle.

Great attention has been paid to the FINISH. First, the frame is made immune to rust by the Bonderizing process, and then finished with rich black enamel, after which, it is lined red and gold.

Accessories include celluloid pump, spanners and oilcan in a superior toolbag.

The prismatic reflector is fitted to the white panel on the rear guard.

CASH PRICE (Model G.)

£4 - 6 - 0

OR EASY TERMS

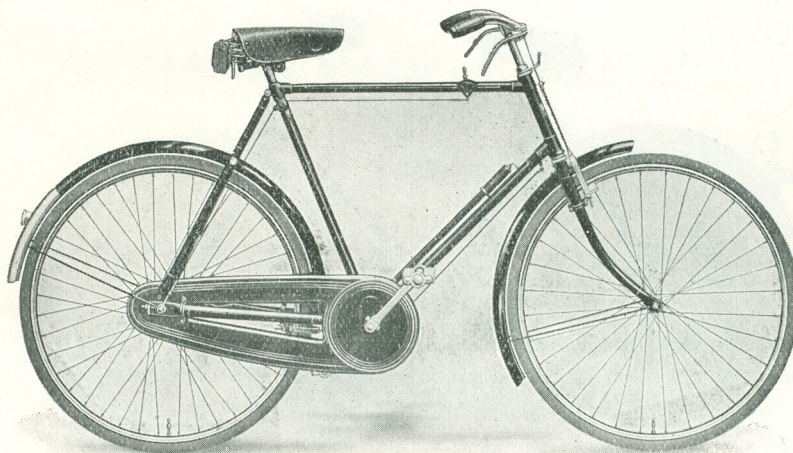
This style can also be supplied in 18in. and 20in. sizes with 24in. and 26in. wheels as a Juvenile Model, which retains all the refinements of the Gents De-Luxe.

BOYS MODEL B.J. Cash Price £4 : 0 : 0 or easy terms

GIRLS MODEL G.J. Cash Price £4 : 2 : 6 or easy terms

Sturmey-Archer 3-Speed Gear, either Model, 21/- extra

LADIES MODEL LR (Loop Tube) Cash Price £4 : 10 : 0 or easy terms



GENTS SUPER ROADSTER MODEL D

SPECIFICATION

A Luxury Machine at a very moderate price; no degree of refinement has been omitted. The frame is constructed from best British Steel Tubing in 22in., 24in. and 26in. sizes. All vital parts are most sturdily constructed, and the pump pegs are neatly brazed-on.

The mudguards are all-weather deep section, designed to give the rider absolute protection in wet weather, and the machine can also be obtained with all-black finish at no extra cost.

All proprietary parts are of the best obtainable. DUNLOP 28in. $\times$ 1 $\frac{1}{2}$ in. Roadster Tyres; VILLIERS De-Luxe Freewheel;

COVENTRY Chain; BRAMPTON Patent Full-rubber Pedals; BROOKS' Luxurious Spring-top Saddle.

The machine is fitted with a Sturmey-Archer three-speed gear, and an oilbath gearcase of solid construction.

Great attention has been paid to the FINISH. First, the frame is made immune to rust by the Bonderizing process, and then finished with rich black enamel, after which it is lined red and gold.

Accessories include celluloid pump, spanners and oilcan in a superior toolbag.

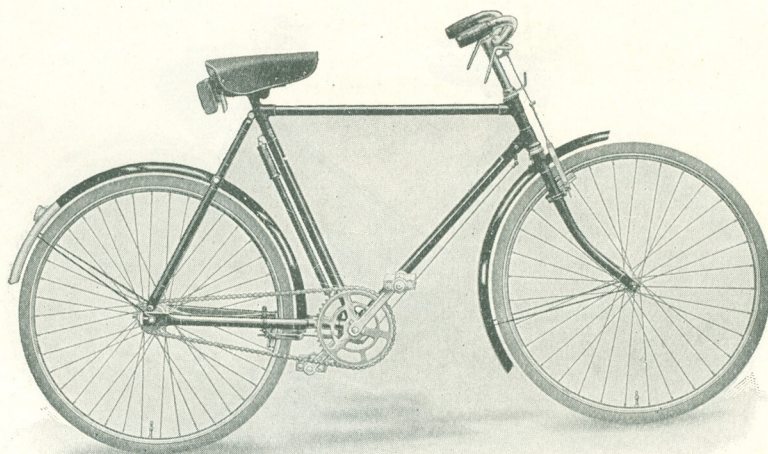
The prismatic reflector is fitted to the white panel on the rear guard.

CASH PRICE (Model D.)

£5 - 19 - 6

OR EASY TERMS

Model D.A. without 3-Speed Gear £4 : 19 : 6 or easy terms



GENTS LIGHT ROADSTER MODEL G

SPECIFICATION

A light yet exceedingly strong and comfortable machine, having all the good points of the Gents De-Luxe Roadster, and incorporating the Sloping Top Tube and Low Bottom Bracket, which makes for comfort and safety under congested conditions. The frame is constructed from best British Steel Tubing in 22in. and 24in. sizes.

All vital parts are most sturdily constructed, and the pump pegs are neatly brazed-on.

The mudguards are all-weather deep section, designed to give the rider absolute protection in wet weather, and the machine can also be obtained in all-black finish at no extra cost.

All proprietary parts are of the best obtainable. DUNLOP 26in. x 1½in. Roadster Tyres; VILLIERS De-Luxe Freewheel; COVENTRY Chain; BRAMPTON Patent Full-rubber Pedals; BROOKS' Luxurious Spring-top Saddle.

Great attention has been paid to the FINISH. First, the frame is made immune to rust by the Bonderizing process, and then finished with rich black enamel, after which, it is lined red and gold.

Accessories include celluloid pump, spanners and oilcan in superior toolbag.

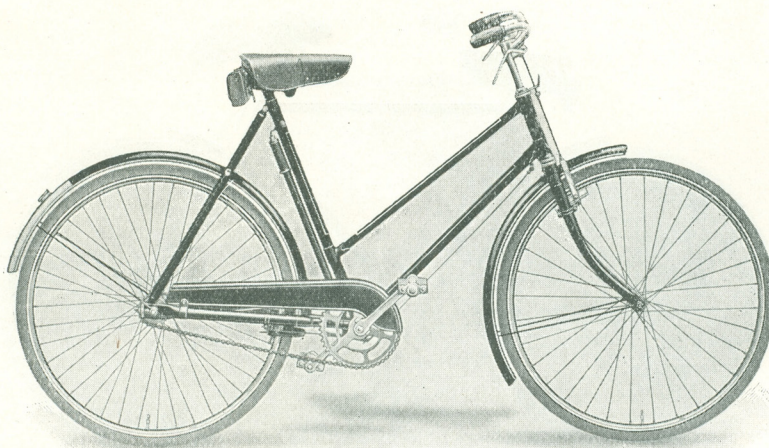
The prismatic reflector is fitted to the white panel on the rear guard.

CASH PRICE (Model G.)

£4 - 6 - 0

OR EASY TERMS

Sturmey-Archer 3-Speed Gear 21/- extra



LADYS LIGHT ROADSTER MODEL L

SPECIFICATION

A light, strong and comfortable machine of the most modern design. This cycle is built with the Low Bottom Bracket for safety, and has most of the advantages of the Roadster and Sports type of machine. 20in., 21in. and 22in. sizes.

All vital parts are sturdily constructed, and the pump pegs are neatly brazed-on.

The mudguards are all-weather deep section, designed to give the rider absolute protection in wet weather, and the machine can also be obtained in all-black finish at no extra cost.

All proprietary parts are of the best obtainable. DUNLOP 26in. $\times$ 1 $\frac{1}{2}$ in. Roadster

Tyres; VILLIERS De-Luxe Freewheel; COVENTRY Chain; BRAMPTON Patent Full-rubber Pedals; BROOKS' Luxurious Spring-top Saddle.

Great attention has been paid to the FINISH. First, the frame is made immune to rust by the Bonderizing process, and then finished with rich black enamel, after which, it is lined red and gold.

Protection is afforded to the clothing by a full-sized chainguard.

Accessories include celluloid pump, spanners and oilcan in a superior toolbag.

The prismatic reflector is fitted to the white panel on the rear guard.

CASH PRICE (Model L.)

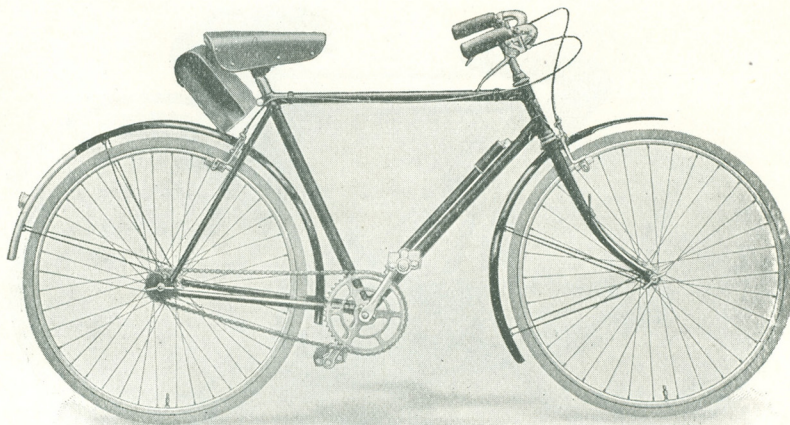
£4 - 6 - 0

OR EASY TERMS

Sturmey-Archer 3-Speed Gear 21/- extra

Villiers 2-Speed Gear 15/- extra

Cyclo 3- " " 25/- "



GENTS LIGHT TOURIST MODEL T

SPECIFICATION

This machine is unique in that as it combines the speed and light weight of a racing machine with the comfort of a Roadster. The frame is constructed of best British Steel Tubing in 21in. and 22in. sizes.

All vital parts are most sturdily constructed, and the pump pegs are neatly brazed-on.

Two Caliper Brakes are fitted, and comfort is insured by the Brooks' Spring-top Saddle, and Shock-stop Pneumatic Grips.

All proprietary parts are of the best obtainable. DUNLOP Sports 26in. $\times$ 1 $\frac{3}{8}$ in.

Tyres. VILLIERS De-Luxe Freewheel and Sprocket; COVENTRY Chain; BRAMP-
TON Patent Full-rubber Pedals; sub-
stantial Steel Mudguards with four stays.

Great attention has been paid to the FINISH. First, the frame is made immune to rust by the Bonderizing process, and then finished with rich black enamel.

Accessories include celluloid pump, spanners and oilcan in Brooks' Touring Bag.

The prismatic reflector is fitted to the white panel on the rear guard.

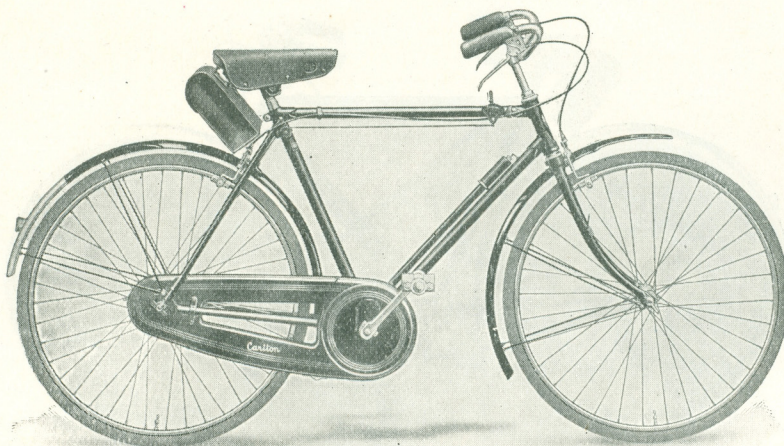
CASH PRICE (Model T.)

£4 - 15 - 0

OR EASY TERMS

LADYS MODEL L.T.

CASH PRICE **£4 - 15 - 0** OR EASY TERMS



GENTS LIGHT TOURIST DE LUXE Model TA

SPECIFICATION

This machine is unique in that as it combines the speed and light weight of a racing machine with the comfort of a Roadster. The frame is constructed of best British Steel Tubing in 21in. and 22in. sizes.

All vital parts are most sturdily constructed, and the pump pegs are neatly brazed on.

Two Caliper Brakes are fitted, and comfort is insured by the Brooks' Spring-top Saddle, and Shock-stop Pneumatic Grips.

All proprietary parts are of the best obtainable. DUNLOP Sports 26in. $\times$ 1 $\frac{3}{8}$ in. Tyres. VILLIERS De-Luxe Freewheel and Sprocket; COVENTRY Chain; BRAMP-

TON Patent Full-rubber Pedals; substantial Steel Mudguards with four stays.

Great attention has been paid to the FINISH. First, the frame is made immune to rust by the Bonderizing process, and then finished with rich black enamel.

This machine is fitted with a Sturmey-Archer 3-speed gear and a well made and solidly constructed oilbath gearcase.

Accessories include celluloid pump, spanners and oilcan in Brooks' Touring Bag.

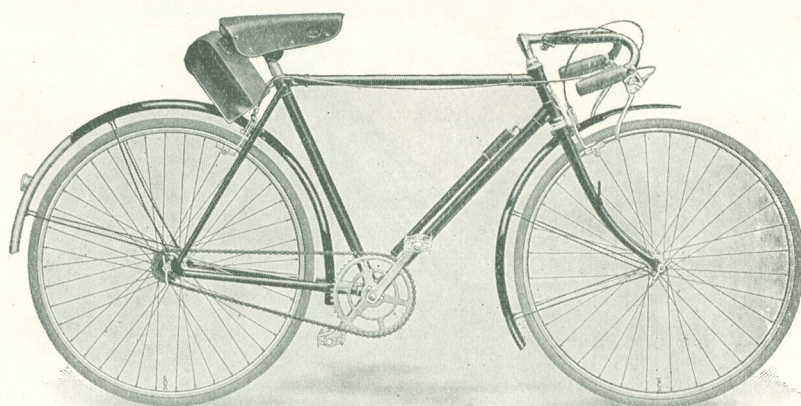
The prismatic reflector is fitted to the white panel on the rear guard.

CASH PRICE (Model T.A.)

£6 - 5 - 0

OR EASY TERMS

LADYS MODEL (L.T.A.) . . . £6 : 5 : 0



GENTS SPORTS MODEL MODEL SS

SPECIFICATION

FRAME: Built with best quality British steel tubing, cut-away and fishtailed lugs. Brazed-on chain and seatstays, pump pegs and lamp bracket. Quick release fork ends. Sizes: 20in., 21in. and 22in.

FORKS: Malleable crown, butted steering column, and D to O blades.

WHEELS: 26in. x 1 1/4 in. Endrick rims, rustless spokes and narrow barrel racing hubs.

TYRES: Dunlop Sports or Avon Translucent.

MUDGUARDS: Ribbed steel with double stays and spear-point extension.

CHAIN: Coventry.

HANDLEBARS: Lauterwasser, on 2in. extension, Shock-stop pneumatic grips.

BRAKES: 2 Compensating side-pull calipers.

PEDALS: Brompton's racing rat-trap.

SADDLE: Brooks' or Wilby's racing with resilient spring top.

FINISH: Rustproofed by Bonderizing, 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. Prismatic reflector on white panel on rear guard.

MODEL S.S., with 2 brakes and freewheel

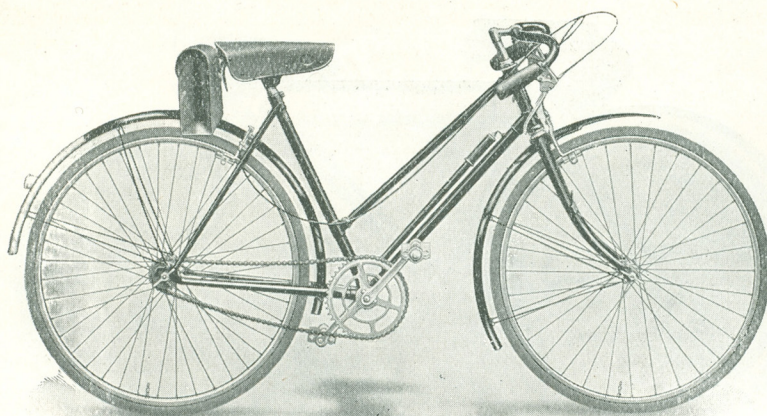
CASH PRICE **£4 - 15 - 0** OR EASY TERMS

CASH PRICE (Model S).

£4 - 10 - 0

OR EASY TERMS

MODEL S. Two fixed sprockets and one caliper brake.



LADYS SPORTS MODEL MODEL LS

SPECIFICATION

FRAME: Built with best quality British steel tubing, cut-away and fishtailed lugs. Brazed-on chain and seatstays, pump pegs and lamp bracket. Quick release fork ends. Sizes: 20in., 21in. and 22in.

FORKS: Malleable crown, butted steering column, and D to O blades.

WHEELS: 26in. $\times$ 1 $\frac{1}{4}$ in. Endrick rims, rustless spokes and narrow barrel racing hubs. One fixed sprocket and freewheel.

TYRES: Dunlop Sports or Avon Translucent.

MUDGUARDS: Ribbed steel with double stays and spear-point extension.

CHAIN: Coventry.

HANDLEBARS: Comfort, on 2in. extension with two-way adjustment. Shockstop pneumatic grips.

BRAKES: 2 Compensating side-pull calipers.

PEDALS: Brampton's racing rat-trap.

SADDLE: Brooks' or Wilby's, with resilient spring top.

FINISH: Rust proofed by Bonderizing, and finished with rich black enamel. All bright parts heavily chromium plated.

ACCESSORIES: Superior quality celluloid pump, spanners and oilcan in a Brooks' Touring Bag. Prismatic reflector on white panel on rear guard.

CASH PRICE

£4 - 15 - 0

OR EASY TERMS

Sturmey-Archer 3-Speed Hub	.	.	21/- extra
Witmy or Villiers 2-Speed Gear	.	.	15/- "
Cyclo 3-Speed Gear	.	.	25/- "

EXTRAS

	£ s. d.		£ s. d.
Sturmey-Archer 3-speed Gear, Standard or Close Ratio	1 1 0	Villiers 2-speed Gear Cycle	15 0
Do. with Internal Expanding Brake	1 7 6	Eadie Coaster Hub	8 6
Do. with Internal Expanding Brake front and rear in lieu of Caliper Brakes	1 15 0	COLOURS.—Frames enamelled Royal Blue, Red, Green, Maroon and Marina Green	5 0
Do. Gear with Internal Expanding Brakes fitted to Tandem where Hub Brakes or Resilition is standard	1 4 0	Ivory White or any special colours	7 6
Sturmey-Archer 2-speed Gear	16 9	Flamboyant—Red, Green, Blue, Bronze	10 0
Sturmey-Archer single Gear with Hub Brake, per wheel	10 0	On polished nickel in above colours	1 0 0
Cyclo Derailleur 3-speed Gear—Cycle	1 5 0	Extra Resilition "B" Brake	7 6
Do. do. Tandem	1 8 0	Do. "A"	11 6
Cyclo Ace do. Cycle RACING	1 0 0	Oilbath Gear Case	12 6
Cyclo Derailleur 2-speed Gear—Cycle	1 0 0	Chromium plated frame and forks where Head and Front Forks and rear ends are Standard	1 15 0
Witmy do. do. —Cycle	15 0	Chromium plated frame and forks all other Models	2 10 0
Osgear Standard Model	1 5 6	Chromium plated head only	7 6
Do. Professional Model	1 13 0	Do. Rear Ends	7 6
Simplex Gear	1 10 0	Do. Crown and Tips	5 0
Tri Velox 3-speed Gear—Cycle	1 10 0	Do. Full Front Forks	7 6
Do. do. —Tandem	1 12 6	High Pressure Wheels in lieu of Endricks and Sprites	5 0
		Building frames specially in Chrome Molybdenum, High Manganese or 531 Tubing where these are not Standard	7 6

WEIGHT OF MACHINES

Under this heading a lot of weird statements appear from time to time, and for the information of our customers we give below a detailed analysis of our Model "Special Race" the weights are the average of 6 of each item. The selected size is 21in. for a frame built with either H.M., 531 or C.M. tubing, using malleable cast lugs, and the gauges used are those recommended by the tube makers as the lightest suitable for general use.

	lbs.	oz.	
21in. Frame, enamelled	4	7½	
Seat bolt and nut		1½	
Russ Fork	1	10	
Chater-Lea Lamp Bracket		1½	
Set of Head Fittings		5½	
Set of Bracket Fittings, including Hollow Axle		9½	
All Ball Bearings		1	
10in. Kromo Seat Pillar		6	
46T C1000 C.W. and Cranks, complete with Cotter	1	11½	lb. oz.
Boa Pedals		14½	9 5 Frame
16in. Kromo Shallow Highgate Bend	1	2½	
8in. Kromo Headstem with 2in. extension		8½	
Pair Handlebar Grips		1½	
Brooks' B.17N Saddle	1	9½	
Webb Front Brake		14	
1 pair Bluemels Lightweight Guards		15½	
1 Elite Chain		14	
1 Stay Fitting Reflector	1	7	0 Fittings
Pair Blumfields D.C. Hubs		13½	
½ gross 15/17 Spokes and Nipples		13	
1 pair 23g Endrick Rims	3	3	
1 pair Sprite Tyres and Tubes and Rim Tapes	2	11½	
2 Blumfields Sprockets and 2 Lock Rings		4	
4 Wing Nuts		3½	8 1 Wheels
15in. Pump		4½	
Large Touring Bag and Tools	1	1½	1 6

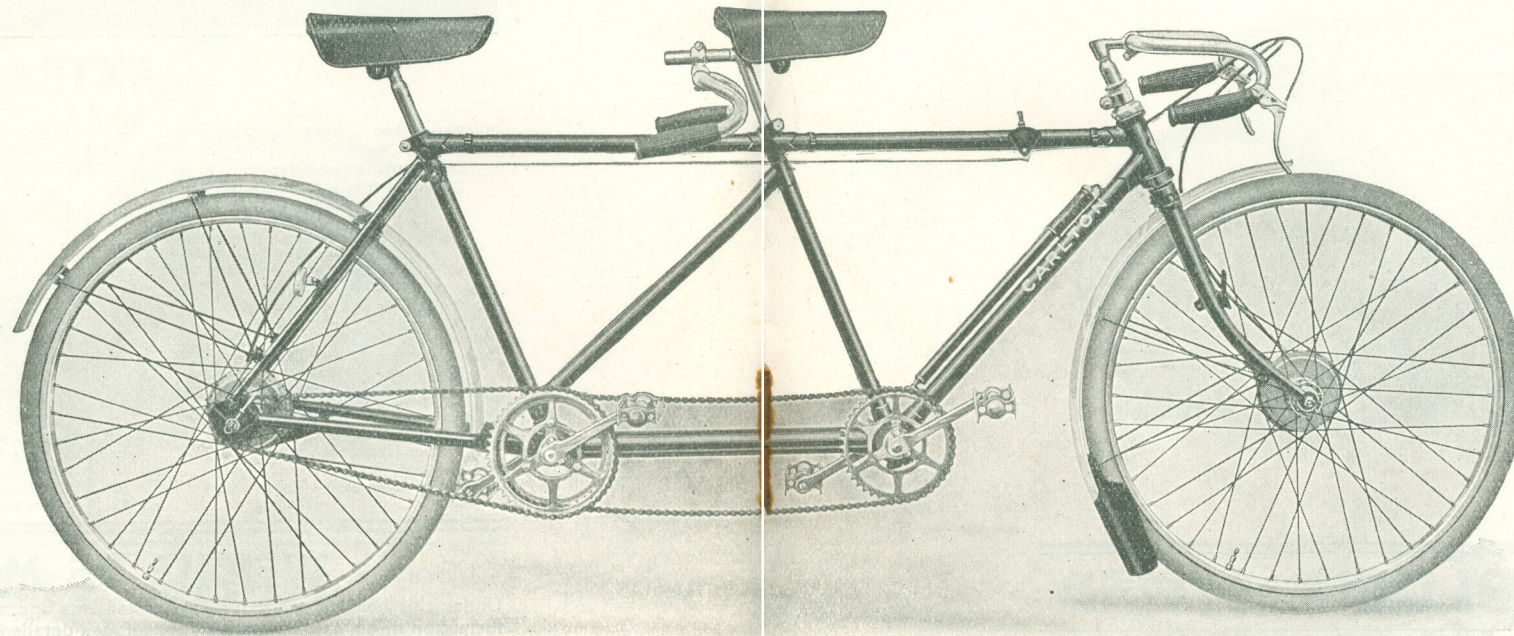
Total... 25 12 in full touring trim

For special purposes we can build you a frame in this size at 8½ lbs., but do not recommend it for all round work. Hiduminium fittings will reduce the above weights by over 2 lbs.

CARLTON CYCLES LTD.

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WORKSOP



THE "CARLTON" TANDEM

Models D.D. or C.S.
(As illustrated) 3-speed

CASH PRICE **£14 - 2 - 0**

LADY BACK **£14 - 10 - 0**

Single Speed Models
D.D. or C.S.

CASH PRICE **£12 - 19 - 6**

LADY BACK **£13 - 7 - 6**

OR EASY TERMS

SPECIFICATION

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

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

MUDGUARDS: Bluemels Featherweight.

CHAINWHEELS AND CRANKS: 42 to 48 teeth direct drive.

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

HUBS: Sturmey-Archer with internal expanding brakes, front and rear.

TYRES: Dunlop Tandem.

CHAIN: Coventry.

PEDALS: Racing Rat-trap.

SADDLES: Brooks'.

HANDLEBARS: Marsh, front and rear, or to order. Shock-stop grips.

FINISH: Rich black enamel over special Bonderizing process. All bright parts heavily chromium plated.

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

EXTRAS

TO SINGLE SPEED MODELS

Sturmey-Archer K.T. 3-speed

22/6 extra

Tri Velox 3-speed

43/- extra

Cyclo 3-speed

28/- extra

"PYTHON" TANDEM

SHORT WHEELBASE 62½" FRAME BUILT WITH REYNOLDS H.M. TUBING AND CUTAWAY AND FISHTAILED LUGS.

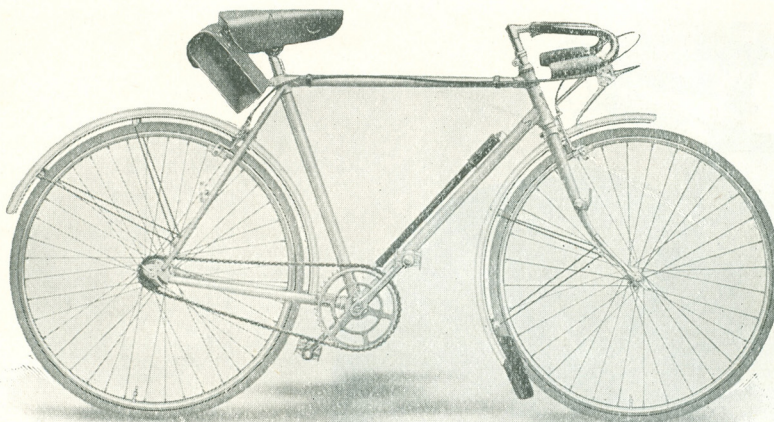
Fitted with Sturmey Archer expanding hub brakes, or Resilion Cantilever "A". Brooks' B.17 Saddles. Webb solid centre pedals. Choice of bars. Chromium plated fork crown and tips or full plated forks.

CASH PRICE **£15 - 10 - 0** OR EASY TERMS

MODEL "6" TANDEM

Special Short Wheelbase 61" built with Chrome Molybdenum or Reynolds H.M. Tubing. Cutaway and Fishtailed lugs filed to a neat featheredge. Fitted with Sturmey-Archer Hub brakes or Resilion Cantilever "A" to order. Williams Chainwheels and Cranks. Gear to order. Brooks' B.17 Saddle. Webb Solid Centre Pedals or Boa to order. Choice of Bars. Finish four coats of best black enamel on bonderized surface. Chromium Plated Head and Rear Ends, Fork Crown and tips, or full Chromium Plated Forks.

CASH PRICE **£17 - 0 - 0** OR EASY TERMS



ROYAL BLUE MODEL RB2

SPECIFICATION

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

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

WHEELS: Endrick, 26in. $\times$ 1 $\frac{1}{4}$ in. rims. Lightweight narrow barrel racing hubs. Villiers 15 and 17 tooth sprocket.

TYRES: Dunlop Sprite.

MUDGUARDS: Lightweight, quick detachable and white celluloid.

CHAIN: Coventry.

HANDLEBARS: Chromium plated Lauterwasser or Marsh, on 2in. two-way adjustable stem. Shockstop pneumatic grips.

BRAKES: Compensating side-pull caliper.

PEDALS: Brampton's racing rat-trap.

SADDLE: Brooks' or Wilby's spring-top racing.

FINISH: Rustproofed by Bonderizing process, and treated with three coats rich royal blue enamel. All bright parts heavily chromium plated.

ACCESSORIES: Superior quality celluloid pump, spanners and oilcan in a Brooks' Touring Bag. Prismatic reflector.

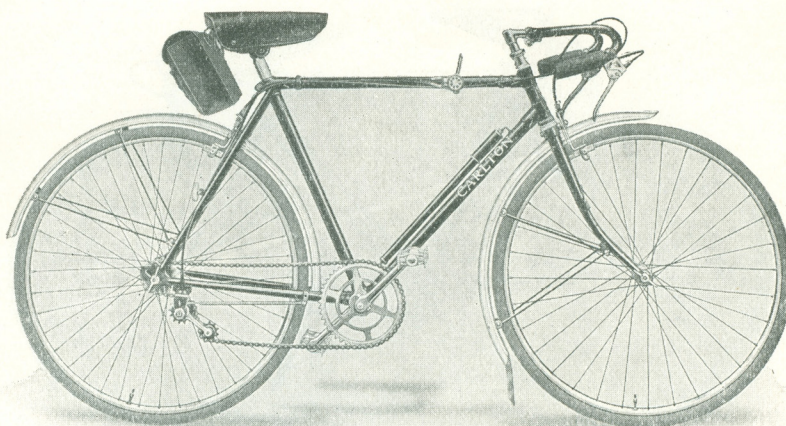
MODEL R.B.2 with 2 brakes and freewheel

CASH PRICE **£5 - 15 - 0** OR EASY TERMS

MODEL R.B.1 with 2 fixed gears and 1 brake

CASH PRICE **£5 - 7 - 6** OR EASY TERMS

LADIES MODELS SAME PRICES



GENTS CYCLOSPEED MODEL SD

SPECIFICATION

FRAME: Built 20in., 21in. and 22in. sizes with best quality British steel tubing, cut-away and fishtailed lugs. Brazed-up chain and seatstays, pump pegs, lamp bracket, mudguard eyes and reflector eye. Forward drop out fork ends.

FORKS: Malleable crown, D to round section, butted steering column, Chater-Lea solid brazed-in ends.

WHEELS: 26in. x 1 $\frac{1}{4}$ in. narrow section Endrick rims, built with light racing hubs and rustless spokes.

TYRES: Dunlop Sports or Avon Translucent.

GEAR: Cyclo derailleur 3-speed. 14, 17 and 18T cogs.

CHAIN: Coventry.

HANDLEBARS: Lauterwasser on 2in. extension, with 2-way adjustment. Shock-stop pneumatic grips.

BRAKES: Two compensating side-pull caliper brakes.

MUDGUARDS: Detachable narrow section, celluloid guards, extension to front.

SADDLE: Brooks' or Wilby's racing with resilient top.

FINISH: Rustproofed by Bonderizing, and finished with best black enamel. All bright parts heavily chromium plated.

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

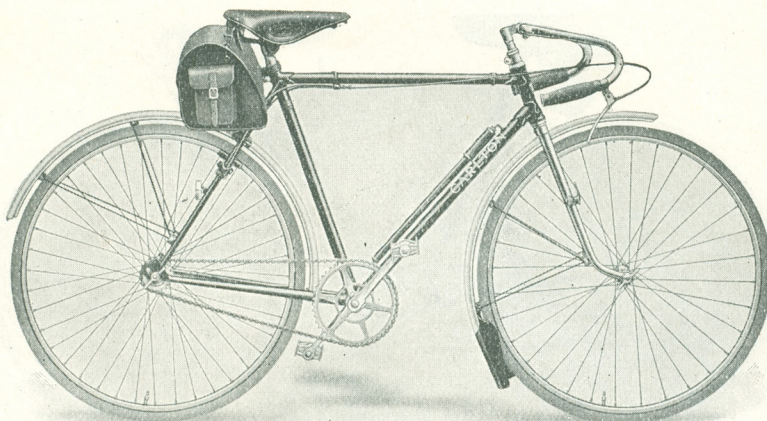
CASH PRICE

£6 - 0 - 0

OR EASY TERMS

NOTE: Machine as above built with upright lugs

CASH PRICE **£6 - 2 - 6** Or Easy Terms



THE "CLUBMAN" MODEL CR

SPECIFICATION

FRAME: 20in., 21in. or 22in. sizes. Upright design in Reynolds tubing, cut-away 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 cut-away crown. Russ blades D to O or O to O machined fork ends. Brampton's or similar best cast headclip.

WHEELS: Dunlop Endrick, 26in. × 1¼in. rims. Black 15/17 gauge double-buttressed spokes. Lightweight racing hubs with narrow case barrel and solid ends. Villiers 15 and 17 tooth sprockets.

MUDGUARDS: Bluemel's Featherweight quick detachable.

TYRES: Dunlop Sprite.

CHAIN: Coventry ½in. × ⅜in.

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

HANDLEBARS: Marsh, Lauterwasser or Highgate, on 2in. extension. Shockstop sponge rubber grips.

BRAKE: Resilion cantilever "B."

PEDALS: Brampton's racing rat-trap.

SADDLE: Brooks' B15.

FINISH: Rich black enamel over rustproof process. All bright parts heavily chromium plated.

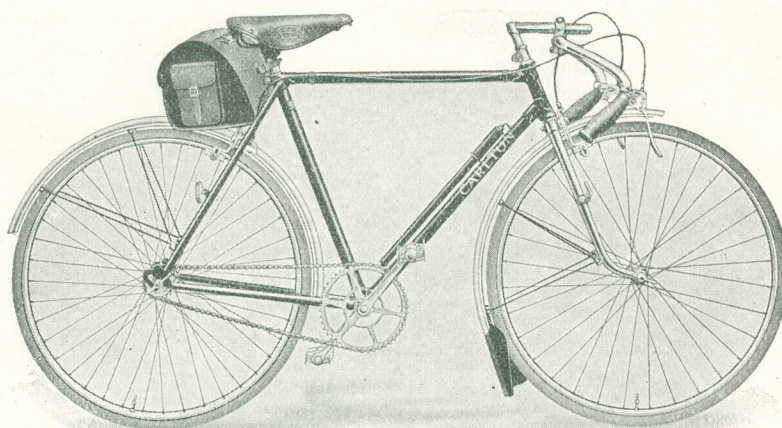
ACCESSORIES: Celluloid pump, spanners and oilcan in touring bag. Regulation reflector.

CASH PRICE (Model C.R.)

£6 - 5 - 0

OR EASY TERMS

LADYS MODEL (C.R.L.) Cash Price £6 : 5 : 0 or easy terms



THE ANZAC MODEL AZ

SPECIFICATION

FRAME: 20in., 21in. and 22in. sizes. New upright angles, cut-away and fish-tailed lugs. Quick drop-out rear fork ends. Brazed-on pump pegs. Chater-Lea lamp bracket and mudguard eyes and reflector eye. Wheelbase 41½ in., bracket height 10½ in. Accles & Pollocks chrome molybdenum tubing.

FORKS: Profiled box crown. Russ blades. All chromium plated with machined fork ends. Brampton cast head clip.

WHEELS: Endrick rims 26in. x 1¼ in. Black double butted spokes. Lightweight racing hubs. Villiers sprockets to order.

MUDGUARDS: Bluemels.

TYRES: Dunlop Sprite.

GEARSET: Williams' C.34, 3-pin fastening.

HANDLEBARS: Choice on Major Taylor extension, giving a great range of positions. The extreme racing position is illustrated.

BRAKES: Resilion rear or two patent compensating calipers.

PEDALS: Brampton new racing.

SADDLE: Brooks' B.15.

FINISH: Rich black enamel over Bonderized surface. All bright parts heavily chromium plated.

ACCESSORIES: All tools in kit bag, regulation reflector.

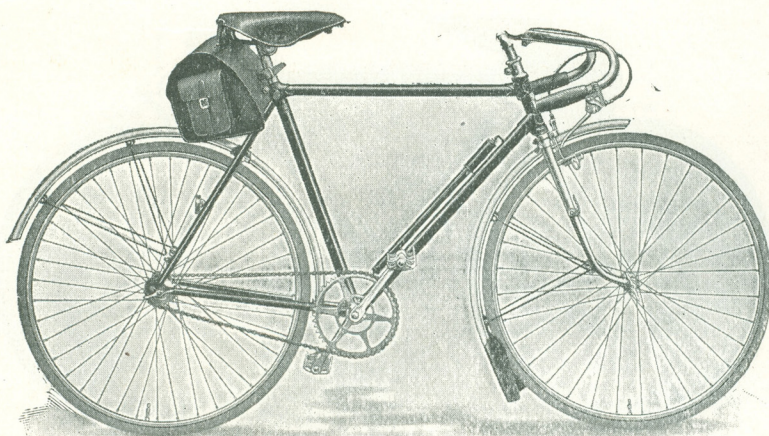
ALTERNATIVELY

Webb solid centre pedals can be fitted at no extra cost if the Major Taylor extension is not required.

PRICE AS SPECIFICATION

£6 - 15 - 0

OR EASY TERMS



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, $\frac{3}{16}$ balls in head. Wide set chain-stays, Reynolds latest pattern. Path racing rear fork ends if desired. Wheelbase, 41in., bracket height, 10 $\frac{1}{2}$ in. Brazed-on mudguard eyes, pump pegs and reflector eye. Chain hook if desired.

FORKS: High Manganese blades in Russ, Resilion or semi-straight patterns. Machined steel ends. Brazed-on adjustable lamp bracket. Cut-away box crown. Tecalet lubrication to headclip.

CHAINWHEEL AND CRANKS: Williams' C34 3-pin attachment.

WHEELS: Dunlop Lightweight Endrick, 26in. x 1 $\frac{1}{4}$ in. Double-butt spokes and BW. hubs.

TYRES: Dunlop Sprite.

CHAIN: Coventry.

PEDALS: Webb solid centre racing.

MUDGUARDS: Bluemels Featherweight.

HANDLEBARS: Marsh, Lauterwasser or Sibbit, on straight 2in. extension.

SADDLE: Brooks' B.17.

FINISH: Superior black enamel over rust-proof process. Forks chromium plated, or crown and tips.

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

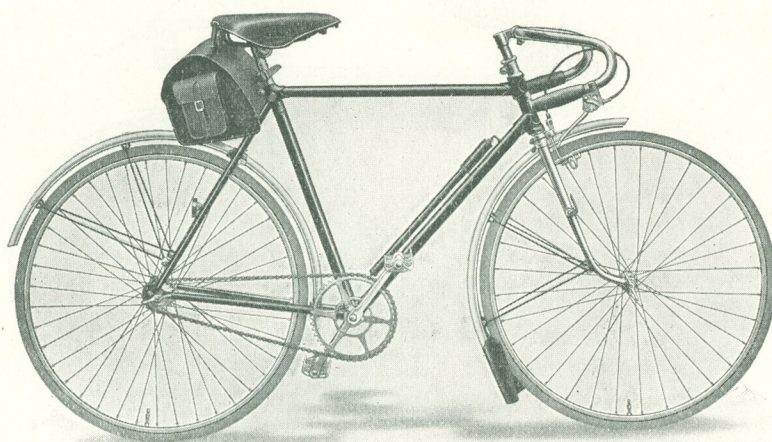
CASH PRICE **£7 - 12 - 6** OR EASY TERMS

FRAME PRICE £3 : 15 : 0

Extra for H.P. Wheels, 5/- ; Chromium head and rear ends, 15/- ;

Colours, 5/-

Conloy Osgear with Boss pattern Triple free wheel, any control (cogs 14-20) 25/- extra



THE CARLTON "SPECIAL RACE"

SPECIFICATION

FRAME: Built throughout with special lightweight chrome molybdenum or Reynolds "531" Aircraft tubing and upright lightweight malleable lugs, profiled all over and fishtailed in distinctive design, $\frac{3}{16}$ balls in head. Wide set chainstays, Reynolds latest pattern. Path racing rear fork ends if desired. Wheelbase, 41in., bracket height, 10 $\frac{1}{2}$ in. Brazed-on mudguard eyes, reflector eye and pump pegs. Chain hook if desired.

FORKS: Chrome molybdenum or high manganese blades in Russ resilion or semi-straight patterns. Machined steel ends. Brazed-on adjustable lamp bracket. Cut-away box crown. Tecaletit lubrication to headclip.

CHAINWHEEL AND CRANKS: Williams'

CI000 3-pin attachment.

WHEELS: Dunlop Lightweight Endrick, 26in. x 1 $\frac{1}{4}$ in. Double-buttet spokes and Blumfields hubs.

TYRES: Dunlop Sprite.

CHAIN: Elite or Renolds.

PEDALS: Boa.

MUDGUARDS: Blumels Featherweight.

HANDLEBARS: Any Kromo stem and bend to order.

SADDLE: Brooks' B.17 or Flyer.

FINISH: Four coats of superior black enamel over rust-proof process. Forks chromium plated, crown and tips or full C.P. fork.

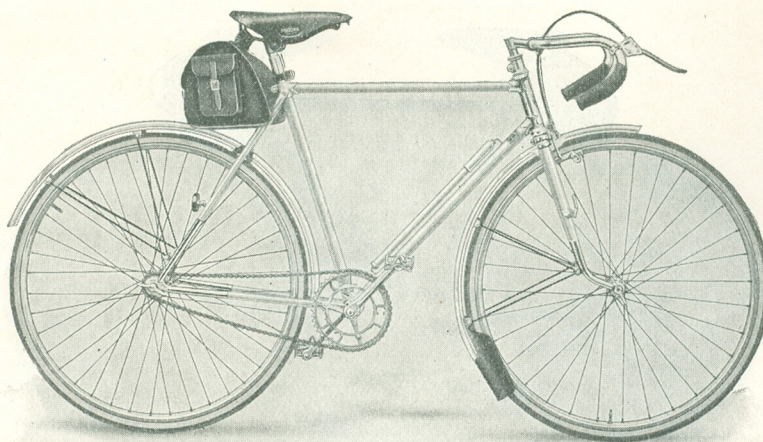
ACCESSORIES: 15in. celluloid pump, spanners and oil-gun in touring bag.

CASH PRICE **£9 - 0 - 0** OR EASY TERMS

FRAME PRICE £4 : 2 : 6

Extra for H.P. Wheels, 5/- ; Chromium head and rear ends, 15/- ;
Colours, 5/-

Conloy Osgear with Boss pattern Triple free wheel, any control (cogs 14-20) 25/- extra



THE CHATER LEA TIME TRIALS Model TT

"The last word in Hand Built Road Racing Machines"

SPECIFICATION

FRAME: Size to order. Built of Accles & Pollock Special Light Gauge Chrome Molybdenum or "531" tubing to order. Complete sets of Chater Lugs and fittings are used throughout. Upright head 73° cutaway and fishtailed lugs filed to a beautiful featheredge. Rapid taper chain stays or to order. Drop out rear ends. Wheelbase 41in. Bracket height 11in., or to order. Usual brazed-on fittings. Super finish.

FORKS: In Chrome Molybdenum or "531" Russ Resilion or semi-straight patterns D to Round with profiled and slotted crown or to order. Solid machined fork ends.

GEARSET: Chater Fluted Lightweight Cranks fitted with 44 or 46 tooth chain wheels. Any size to order.

WHEELS: Dunlop High Pressure rims built on Blumfield's super Featherweight Racing Hubs. Weight of hubs 12½ oz. per pair single cog, and 13½ oz. per pair double cog. D.B. spokes.

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

CHAIN: "Elite" or Renolds.

BRAKE: Webb Front Caliper brake.

PEDALS: Boa.

MUDGUARDS: Bluemel's 2½in. Noweight or 1½in. Lightweight to order.

SADDLE: Brooks' B.17, Flyer or Mansfield Ormond.

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

LUBRICATION: Force feed to Crown, Headrace and Bottom Bracket.

FINISH: Enamelled Black, Signal Red, Maroon, Marina Green, Grass Green or Blue to order. High-class Chromium Plated Head, Rear ends, Crown and fork tips. Full Chromium Plated forks can be supplied at no extra charge if desired.

ACCESSORIES: Force feed oil gun, 15in. Celluloid pump, large Brooks' Touring Bag, tools, stay fitting reflector.

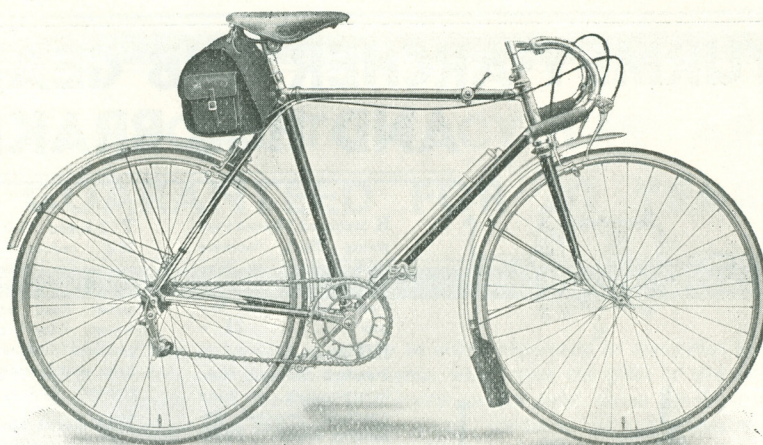
PRICE **£11 - 5 - 0** OR EASY TERMS

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

PRICE **£12 - 10 - 0**

Extra for full Chromium Plated frame and forks	£1 15 0
Frame only to above specification with Chromium Plated Crown and Tips or Full Fork and Chromium Plated head and rear-ends	£5 10 0
Frame Chromium Plate all over	£7 10 0

Conloy Osgear with Boss pattern Triple free wheel, any control (cogs 14-20) 25/- extra



THE CARLTON "TWELVE"

"A machine specially built for long distance road racing"

SPECIFICATION

FRAME: Size to order. Built of Accles & Pollock Special Light Gauge Chrome Molybdenum or "531" tubing to order. Complete sets of Chater lugs and fittings are used throughout. Upright head 73° cutaway and fishtailed lugs filed to a beautiful featheredge. Rapid taper chain stays or to order. Drop out rear ends. Wheelbase 41in. Bracket height 11in. or to order. Usual brazed-on fittings. Super finish.

FORKS: In Chrome Molybdenum or "531" Russ Resilion or semi-straight patterns D to Round with profiled and slotted crown or to order. Solid machined fork ends.

GEARSET: Chater Fluted Lightweight Cranks fitted with 44 or 46 tooth chain wheels. Any size to order.

GEAR: The New Simplex "Champion du Monde" or Conloy Osgear with Boss pattern Triple free wheel gears to order.

WHEELS: Fiamme or Conloy rims built on Super Featherweight hubs. Built with D.B. spokes.

TYRES: Dunlop or Constrictor Silk Tubulars or Tabucchi "Plus Olympic" size to order.

CHAIN: "Elite" or Renolds.

BRAKES: Two Webb caliper brakes.

PEDALS: Boa.

MUDGUARDS: Bluemel's Noweight or Lightweight, to order. Separate front extension.

SADDLE: Brooks' B.19N, or to order.

HANDLEBARS: Any Hiduminium bend and stem, or Kromo to order.

LUBRICATION: Force feed to Crown, Headrace and Bottom Bracket.

FINISH: Enamelled Black, Signal Red, Maroon, Marina Green, Grass Green or Blue, to order. High-class Chromium Plated Head. Rear ends, crown and fork tips. Full Chromium Plated forks can be supplied at no extra charge if desired.

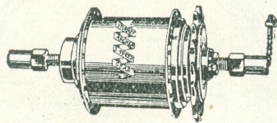
ACCESSORIES: Force feed oil gun, 15in. Celluloid pump, large Brooks' Touring Bag, tools, stay fitting reflector.

ACTUAL weight of 21in. Model to lightest specification in racing trim, 23 lbs.

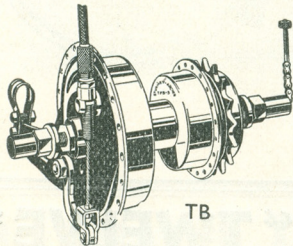
The weight of this model can be reduced 2 lbs. by the fitting of Alloy Pedals, Chainwheel and Alloy Frame Saddle, but as practical cyclists we do not recommend these items.

CASH PRICE **£17 - 17 - 0** OR EASY TERMS

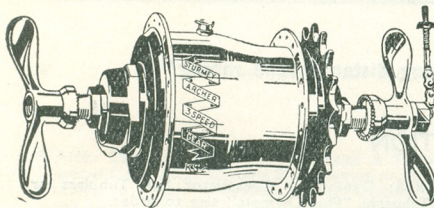
STURMEY-ARCHER HUB GEARS AND HUB BRAKES



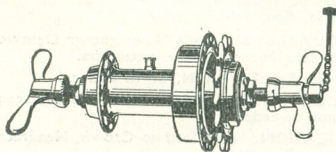
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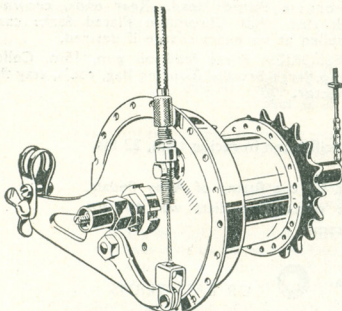
TB



KS



T



KB

K Standard 3-Speed Hub giving 33½% increase from normal to high gear and 25% reduction from normal to low gear 21/-

KB (Sturmev or Perry) Standard 3-Speed Hub, incorporating a hand operated internal expanding brake ... 27/6

KS Close-Ratio 3-Speed Hub giving 12.5% increase from normal to high gear and 11.1% reduction from normal to low gear. KSW. Medium 3-Speed Ratio Hub gives 16.6% increase and 14.3% reduction 21/-

T 2-Speed Hub giving 25% reduction from normal to low gear. Can be supplied with either fixed or free-wheel. Price with fixed gear and wing nuts 16/9 Price with freewheel and standard nuts. 16/9

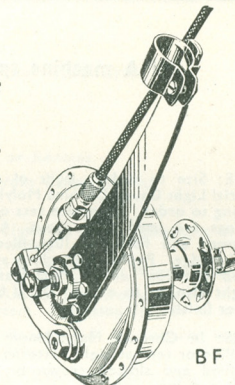
TB 2-Speed Hub as T and incorporating an internal expanding Hub Brake. Price with fixed gear or freewheel 23/-

BF Front Hub incorporating hand operated internal expanding brake.

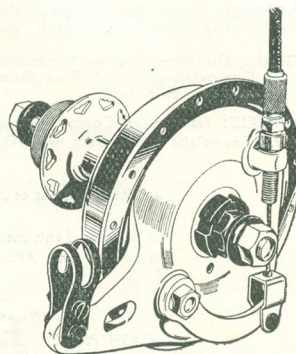
BR Rear single speed Hub with hand operated internal expanding brake.

PRICES

Are if fitted to a new machine



BF



BR

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. 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. We do not guarantee specialities of other firms or any component parts supplied to the order of the customer differing from our standard specification.

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 name generally appears thereon, are in nearly every case willing to replace any defective part, and we will at any time furnish the makers 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 the sale of goods for 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.

Carlton

"The Hand-made Cycle"



1937