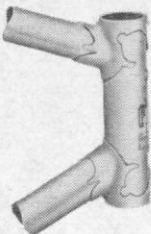


Claud Butler.

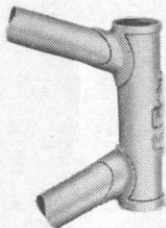
THE RECOGNIZED 'KING' OF LIGHTWEIGHTS

EXCLUSIVE FEATURES of Claud Butler Lightweight Bicycles

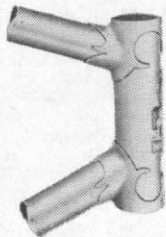
Every Claud Butler Lightweight has its numerous special features, some examples of which are given below. It is such imaginative conceptions, scientifically designed, brilliantly produced and proved sound by practical test, which demonstrate the go-ahead policy of this Establishment and provide one of the many reasons why Claud Butler is always in the lead.



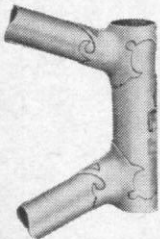
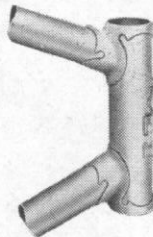
(1) **C.B. WORLD'S CHAMPIONSHIP SPRINT AND AMBASSADOR LUGS.** *Left.* Produced from really high grade steel throughout (including the bracket shell) these lugs are effectively and decoratively lightened by the very attractive cut-away feature, so building up a light but immensely strong brazed frame.



(2) **C.B. TOUR OF BRITAIN LUGS.** *Left.* The very pleasing deep "cut-away" on these lugs is made possible by utilizing only the highest grade steel in their manufacture, achieving ELEGANT appearance, lightness and maximum strength of construction throughout.



(4) **C.B. CAVALIER AND ASPIRANT LUGS.** *Right.* An outstanding example of high-class lug design, incorporating all the vital qualities required: balance, strength and neatness.



(5) **C.B. BI-LAMINATED CONSTRUCTION.** The greatest advance in frame building since the evolution of the "safety" bicycle. 25 per cent. stronger than the ordinary brazed joint, as proved by official N.P.L. tensile test. Enables me to build your frame to any desired angles (if practicable) without lug "pulling". Proved sound by practical demonstration on the roads and tracks of the World. (Including all post-war World's Championships and Olympic Games series.) THIS IS THE TYPE OF FRAME CONSTRUCTION WHICH I RECOMMEND.

AVANT COUREUR and OLYMPIC SPRINT BI-LAMINATIONS. *Left.* Judge for yourself the attractive appearance, rugged strength, neat design and light weight of this super bi-laminated frame jointing technique.

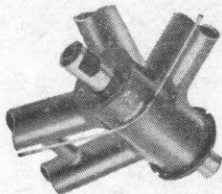
(6) C.B. WRAPOVER SEAT STAY TOPS.

Top right. Yet another Claud Butler innovation which adds considerably to the neatness of the "seat cluster" and at the same time effectively strengthens the rear triangle where light section stays are preferred. Incorporated on the Club Road models which are illustrated on page 7. Can also be specified on Sprint models, page 9, at 10s. 0d. extra for frame set or 12s. 1d. on a complete machine.



(7) THE C.B. SEAT CLIP.

Top right. Die cast in phosphor bronze, chromium plated and fitted with an effective 5/16" dia. bolt and nut, this is by far the most efficient seat clip now in use.



(8) C.B. SPECIAL GUIDE TUBE

at bracket for exposed gear cable. *Centre right.* By far the most effective method used for open gear cables on the market today.



(9) C.B. PATH REAR ENDS.

Bottom right. These rugged reinforced ends are but one of the many reasons why C.B. Path models are so widely used. Made of 9 S.W.G. 30 tons per sq. in. steel and reinforced with 14 S.W.G. plates, a full 2" slot makes provision for a wide range of gear ratios without interfering with total chain length.

The 'Sprint' models

Developed as the direct result of experience accumulated by the very cream of the world's sprinting talent who have victoriously demonstrated the virtues of C.B. design and craftsmanship in National, International and Olympic competitions over two decades.



Weight from 19½ lbs.

THREE ALTERNATIVE TYPES OF CONSTRUCTION

"INTERNATIONAL SPRINT" model.
WELDED, incorporating 1½" dia. top tube and oval-to-round section chain stays giving maximum tyre and chainwheel clearance without indents (option of 1" dia. top tube if desired).

FRAME SET (Model W.45) - - - - - Price **£13 2s. 6d.**

COMPLETE MACHINE (Model W.45A) - Price (inc. P.T.) **£41 7s. 3d.**

"WORLD'S CHAMPIONSHIP SPRINT" model.

BRAZED LUG cut-away design (fig. 1, page 3) with steel lugs and steel bracket shell neatly feature-cut to give added "stamina" at frame joints and demonstrating the craftsmanship of the frame builder. Top tube 1" dia. Round-oval round section chain stays. Reinforcing end plates to seat stay bridge.

FRAME SET (Model BR.47) - - - - - Price **£13 7s. 6d.**

COMPLETE MACHINE (Model BR.47A) - Price (inc. P.T.) **£41 13s. 4d.**

"OLYMPIC SPRINT" model.

BI-LAMINATED, incorporating the latest in bi-laminated construction, exquisite well-balanced design (see fig. 5, page 3) with 1" dia. top tube. Oval section chain stays giving maximum tyre and chainwheel clearance without indents. (Option of 1½" dia. top tube if desired.)

FRAME SET (Model BI.46) - - - - - Price **£15 10s. 0d.**

COMPLETE MACHINE (Model BI.46A) - Price (inc. P.T.) **£44 4s. 11d.**

SPECIFICATION

Built throughout with Reynolds "531" or Accles & Pollock "KROMO" butted tubing, designs as on page 13, Drg. Nos. B.1011-B.1087. ⅝" seat stays chamfered at seat cluster. "C.B." reinforced rear ends with long slots giving full 2" adjustment, accommodating a wide range of gears without the necessity of amending chain length. Close clearance for *27" wheels without guards. (ALTERNATIVELY: Clearance for 27" wheels with guards, in which case integral mudguard eyes will be incorporated and fork crown drilled for brake.) Drop forged steel crown and fork ends with ⅝" round section blades, curved seat stay bridge, Brampton Alatec head fittings, Brampton or Bayliss Wiley bottom bracket fittings.

CHAINWHEEL SET. Chater-Lea 1" x 3/16".

HUBS. British Hub Co.'s "Airlite" W.F. pattern. Single-sided.

RIMS. Fiamme 27" alloy sprints.

SPOKES. Double butted 15/17G. rustless.

TYRES. Tubular Racing Tyres (No. 0, 1, 2, or 6).

FIXED COG. Size to order: 6, 7, or 8 x 1" pitch.

WHEEL FIXING. Track nuts.

CHAIN. Renolds 1" pitch x 3/16".

PEDALS. Quill pattern solid centre Brampton B.8.

HANDLEBARS. Steel bend ⅝" dia. and steel stem. Size and shape as specified. Chrome plated.

SADDLE. Brooks B.17, type to choice.

FINISH. Frame and forks "Bonderized", stoved three coats "C.B." special Flamboyant on Silver base (colour to choice), lug edges delicately picked out in contrast colour on models 46 and 47, contrast single "Path" lining on model 45, fork crown chrome plated. One coat of clear lacquer over all including transfers. Exclusive "C.B." head badge. Quotations with pleasure for alternative finishes—e.g., enamel, super-electro flam, additional lining, head and seat tube bands or chromium plating.

*Please state definitely type of clearances required when ordering

The 'Ultra-shortbase D.P.' model

(Dual-Purpose)

The original C.B. design, Patent No. 464,959, giving improved hill-climbing performance to the road man and more rapid acceleration for track work without prejudice to the comfortable accommodation of both riders who, by the retention of the long top tube and bracket centres, are both able to assume positions equivalent to those on a solo machine.

SPECIFICATION

FRAME SET. Design as above with short rear drive centres and immensely strong and rigid back "triangle". Built throughout with Reynolds "531" or Accles & Pollock "KROMO" butted tubing, using the C.B. low-temperature process bronze-welding technique of frame construction. $\frac{5}{8}$ " dia. taper butted seat stays. Forward opening rear ends (unless otherwise specified). Mudguard eyes incorporated in fork ends front and rear. Cable stops for gear and brake. (If ordering frame set only, state type of gear and brakes being fitted.) Lamp bracket boss on fork blade with chrome plated detachable lamp bracket. 18" pump pegs. Curved seat stay bridge with brake bolt hole reinforced. Fork crown drilled for bolt-on brake. Complete with head and bottom bracket fittings, seat bolts, seat pins and two-way clip on front seat pin to take rear handlebars.

CHAINWHEEL AND CRANKS. Williams 3-pin type with detachable chain rings. Drive all one side. $6\frac{1}{2}$ " cranks.

HUBS. British Hub Co.'s "Solite" tandem, or to order.

SPOKES. Special 12/14G. single-butted rustless.

RIMS. Dunlop 26" x $1\frac{1}{4}$ " Endrick chrome plated.

TYRES. Dunlop Tandem "Sprites" 26" x $1\frac{1}{4}$ ".

GEAR. Benelux, Standard Cyclo, Simplex or to order.

FREEWHEEL. As specified with gear.

CHAINS. Coventry $\frac{1}{2}$ " x $\frac{1}{8}$ " roller chain front and rear.

PEDALS. Brampton B.20 or equivalent front and rear.

HANDLEBARS. Chrome plated steel stem, 1", 2" or 3" extension. Chrome bends front and rear.

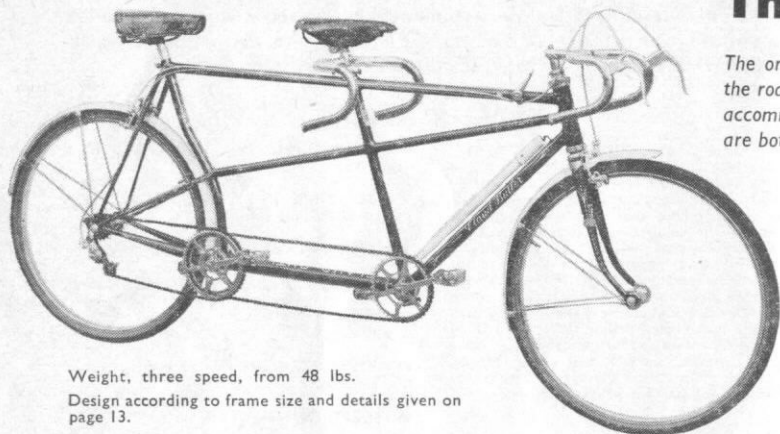
BRAKES. Alloy calipers front and rear. (Quotations for hub-brake machines or other alternative braking, with pleasure.)

SADDLES. Brooks B.15 front; Lycett S.21 rear, or to order.

MUDGUARDS. Bluemel's, celluloid or polished aluminium alloy.

PUMP. Bluemel's, celluloid or polished aluminium alloy 18".

FINISH. "Bonderized" throughout, then stoved three coats of glass-hard black or coloured enamel. "Feather" lined in contrast colour. Usual C.B. name transfers and head badge. One coat of clear lacquer over all. Fork crown chromium plated. Quotations with pleasure for alternative finishes (including the famous "C.B." lustres, flamboyants and Competition flams on polished base) and additional chrome plating.



Weight, three speed, from 48 lbs.

Design according to frame size and details given on page 13.

FRAME SETS

Model No. 48. Double Diamond design. Weight 16½ lbs. Price £25 10s. 0d.

Model No. 49 (as above). Centre Bar design with twin struts across rear triangle. Weight 17½ lbs. Price £27 16s. 6d.

COMPLETE MACHINES

Model No. 48b. With Cyclo Benelux or Simplex three speed. Double Diamond design. Price (inc. P.T.) £55 12s. 2d.

Model No. 49b. With Cyclo Benelux or Simplex three speed. Centre Bar design. Price (inc. P.T.) £58 8s. 6d.

The 'Saxon T.T.' model

Now incorporating C.B. bi-laminated frame construction and famous "Saxon" twin seat tube (giving an unusually short wheelbase of $38\frac{7}{8}$ "). This machine is a firmly established favourite with shortbase enthusiasts.



Weight, four speed, from 25 lbs.

Design according to frame size and details given on page 13.

FRAME SET as above - - - - - Price **£13 19s. 6d.**

COMPLETE MACHINE

Four speed x $\frac{1}{2}$ " x $\frac{3}{32}$ " machine. Specification as above.

Price (inc. P.T.) **£35 15s. 6d.**

SPECIFICATION

FRAME SET. Reynolds "531" or Accles & Pollock "KROMO" tubing throughout. 73 deg. head, 71 deg. seat, with $22\frac{3}{4}$ " top tube, $15\frac{1}{2}$ " backs and $2\frac{1}{4}$ " fork offset (giving total overall wheelbase of only $38\frac{7}{8}$ "). C.B. bi-laminated construction. $\frac{1}{2}$ " dia. seat stays. Continental rake fork with $\frac{3}{8}$ " dia. round section blades and $\frac{3}{8}$ " round steel crown. Lamp bracket boss on fork blade. Mudguard eyes integral with front and rear ends. 18" pump pegs on down tube, exposed brake cable stops under top tube, gear lever boss on down tube, exposed gear cable eyes and adjuster stop on R.H. chain stay. Fork crown and seat stay drilled for bolt-on brakes. Brampton Continental head fittings. Brampton or Bayliss Wiley bottom bracket fittings.

CHAINWHEEL SET. Detachable 3-pin type 46T. chain ring on $6\frac{1}{2}$ " cranks.

HUBS. British Hub Co.'s "Solite" double-sided.

RIMS. Dunlop chrome plated High Pressure.

TYRES. Dunlop 27" x $1\frac{1}{4}$ " R.R. High Pressure.

SPOKES. 15/17G. double butted rustless.

CHAIN. Brampton $\frac{1}{2}$ " x $\frac{3}{32}$ ".

GEAR. Benelux or Simplex 4 x $\frac{1}{2}$ " x $\frac{3}{32}$ ".

PEDALS. Brampton B8.

HANDLEBARS. Maes 15/16" dia. bend (or to order) on G.B. alloy stem. Grips taped and "plugged".

BRAKES. G.B. alloy Coureur.

SADDLE. Brooks B.17.

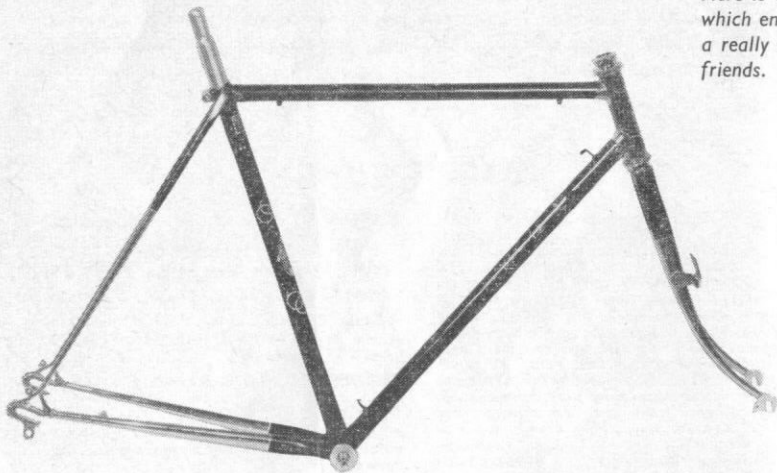
MUDGUARD AND PUMP. Bluemel's polished aluminium alloy or celluloid, Club Special.

FINISH. Option of Brilliant Blue, Ruby or Green scintillating flamboyant on Silver base after "Bonderizing", lug work tastefully picked out in contrast colour, fork crown and front and rear ends chromium plated 5" up. Usual attractive "Saxon" transfers.

NOTE: Enamel finishes can also be supplied if desired at usual reduction in price. Quotations given with pleasure, on receipt of details of your requirements.

'De Luxe' frame set

Here is the frame created for those to whom price is a secondary consideration. A product which embodies all that is the finest in the way of design, materials and craftsmanship PLUS a really scintillating high-grade super finish. A "job" that will invite the envy of all your friends.



FRAME SET as above (Model No. 66) - - - - - Price £16 16s. 0d.

Quotations for complete machines with pleasure on receipt of your detailed specification.

FRAME SET. Design to choice (see range of alternative designs on page 13). Brazed lug construction incorporating the new "De Luxe" lugs (see fig. 3, page 3). Reynolds "531" or Accles & Pollock "KROMO" double butted tubing, round-oval-round chain stays, 9/16" seat stays wrapped over at seat cluster (see fig. 6, page 3), oval finely tapered fork blades, steel fork crown with sloping top. Benelux or Simplex reinforced rear ends incorporating gear lug. Chrome plated detachable lamp bracket with screwed boss on R.H. fork blade. "C.B." special guide tube at bracket for exposed gear cable (see fig. 8, page 3), gear lever boss on down tube, adjuster stop on R.H. chain stay, exposed cable eyes for brake under top tube, 18" pump pegs on down tube. Curved seat stay bridge with reinforced brake bolt hole. Fork crown drilled for brake. Brampton "MICROLOK" head fittings, Bayliss Wiley "Featherweight" bracket fittings. Alloy seat pin.

Weight 7 lbs.

FINISH. "C.B." Super Electro Flamboyant on polished plated base in Wine Red, Brilliant Green, Rich Blue, Rose Pink, Peacock Blue, Bright Orange or Deep Purple. Contrast Super Electro Flamboyant head tube, lug edges delicately picked out. Head lugs, fork crown, three-quarter forks, seat and chain stays heavily chromium plated. Claud Butler signature transfers on down tube. "C.B." exclusive Olympic head badge.

Quotations with pleasure for additional lines, bands, chromium plating or continental panels.

Ladies' models

Ladies' Frame Designs illustrated (left and right) may be incorporated into any model. Angles in accordance with drawing No. B.1008 on page 13.

Ladies' Sports Design.



May be incorporated into any model at no extra charge.

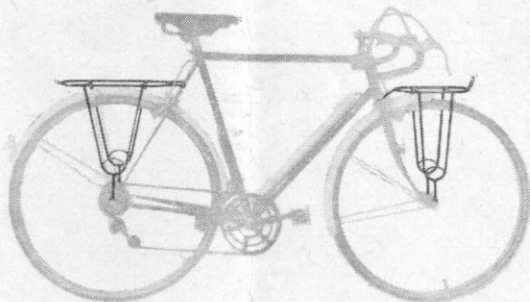
Lady Lightweight Design (incorporating extra struts across rear triangle).



£1 10s. 0d. extra on frame set.
£1 16s. 3d. extra on complete machine (inc. P.T.).

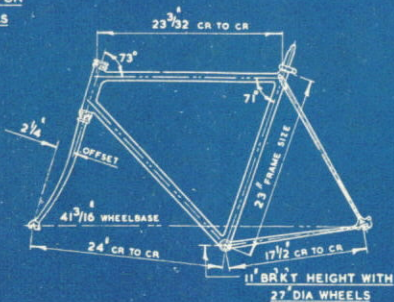
“C.B.” Detachable Pannier Carriers

For the ardent tourist. Specifically designed to distribute evenly the load and eliminate all possibility of damage or strain on seat stays and fork blades. Manufactured from Reynolds solid drawn tubing, bronze welded joints, positive fixing, maximum load capacity combined with elegant appearance.



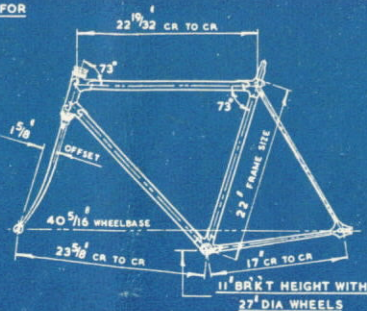
Price, Front or Rear, 31s. 6d. each, or 38s. 1d. each (with P.T.) when incorporated into complete machine (as illustrated). Can be supplied with any model listed in previous pages.

**CLEARANCE FOR
27 DIA WHEELS**



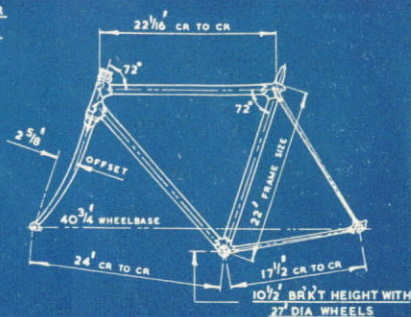
B 1003

**CLOSE CLEARANCE FOR
27 DIA WHEELS**



B 1011

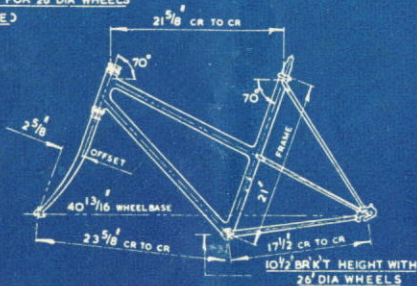
**CLEARANCE FOR
27 DIA WHEELS**



B 10B4

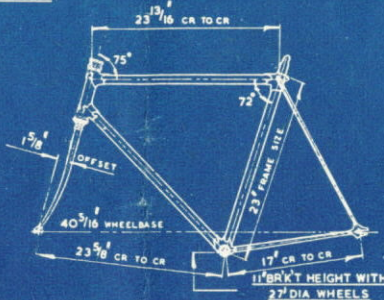
CLEARANCES FOR 26 OR 27 DIA WHEELS

**CLEARANCE FOR 26 DIA WHEELS
SHOWN HERE**



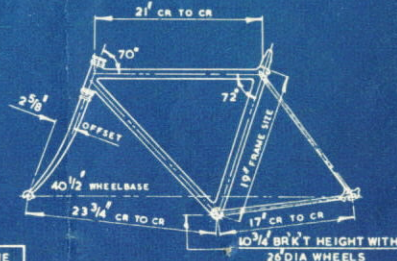
B 10B8

**CLOSE CLEARANCES FOR
27 DIA WHEELS**



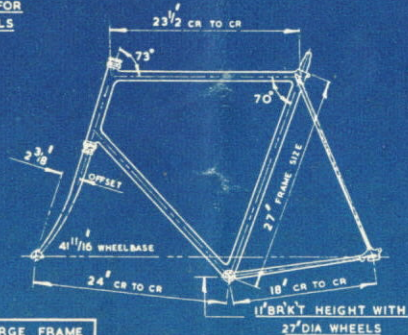
B 10B7

**CLEARANCE FOR
26 DIA WHEELS**



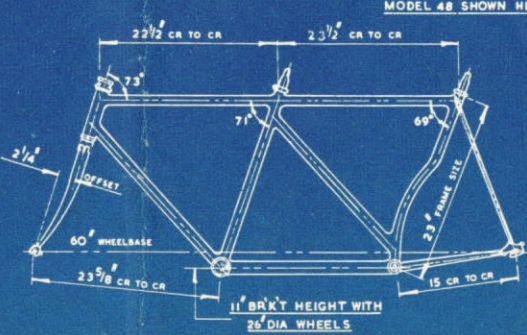
A TYPICAL 16 FRAME

**CLEARANCE FOR
27 DIA WHEELS**



A TYPICAL LARGE FRAME

**CLEARANCE FOR
26 DIA WHEELS**



B 10B6

MODEL 48 SHOWN HERE

FRAME DESIGNS

CLAUD BUTLER CAN BUILD TO ANY PRACTICAL DIMENSIONS AND ANGLES. BUT BEFORE DECIDING TO HAVE A MACHINE BUILT TO YOUR OWN IDEAS CONSIDER CAREFULLY THE VAST WEALTH OF EXPERIENCE AND TECHNICAL KNOWLEDGE EMBODIED IN THE DESIGNS SHOWN HERE. IF OWING TO SPECIAL CIRCUMSTANCES YOU STILL FEEL YOU NEED SOMETHING DIFFERENT, SEND A NOTE OF THE FEATURES, ANGLES, MEASUREMENTS, ETC., THAT YOU REQUIRE (IN ORDER OF IMPORTANCE) TO "C.B." EITHER DIRECT OR THROUGH YOUR AUTHORIZED DEALER. CLAUD BUTLER WILL ADVISE YOU WHETHER OR NOT YOUR IDEAS ARE PRACTICABLE (REASONS WHY AND SO FORTH) AND WILL, ON REQUEST, SUBMIT A SCALE DRAWING FOR APPROVAL ON RECEIPT OF DEPOSIT.

NOTE: IN CONSIDERING THE DESIGNS DRAWN ABOVE IT SHOULD BE BORNE IN MIND THAT IN FRAMES OF UNEQUAL ANGLES THE TOP TUBE LENGTH VARIES WITH THE FRAME SIZE.