



**This document is brought to you by courtesy of  
the National Cycle Archive  
In partnership with the  
Veteran-Cycle Club**

---

**Please acknowledge the source if you refer to this material.**

---

**Find out more about the National Cycle Archive [here](#)**



**The Baines** RANGE OF

**SUPER RESPONSIVE  
LIGHTWEIGHT CYCLES**

**WORKSHOPS & BUILDING DEPARTMENTS:**

IDLE ROAD, ECCLESHILL,  
BRADFORD, YORKS

Where all communications should be addressed

TELEPHONE BRADFORD 4679  
GRAMS

**SHOWROOMS & SALES DEPOTS:**

IDLE ROAD, ECCLESHILL, Bradford  
4, PICCADILLY, BRADFORD  
4, COMMERCIAL STREET, SHIPLEY

# OF INTEREST TO THE PRACTICAL CYCLIST —

---

The V.38 and V.S.37 Ultra short wheel base designed frames for which the demand has exceeded all expectations were an instant success from introduction. The riders out to improve their times, have realized the certain advantages these frames can give them, and the success in this direction has been proved by unsolicited letters of appreciation that we are receiving daily, who inform us of successes in Hill Climbs, Road and Track events.

Many so-called short wheelbase frames are offered to-day, but, unlike the V.38 and V.S.37, they have short top tube, straight front forks, no guard or toe-clip clearance, and by these faults have an unnatural and cramped riding position.

We claim that the BAINES' is the only design that allows for variation of position over bracket and rear wheel without alteration to seat pillar angle and alteration of rear wheel position. We also give you  $\frac{3}{4}$ " longer top tube than standard, full clearance for mudguards and toe-clips, and still retain a wheelbase of only 37" with 26" wheels.

These frames are of registered design, and the registration numbers are as follows:—

V.38, No. 816135.

V.S.37, No. 816136.

In undertaking to build and supply to your particular requirements, we are prepared to build to any angle or design. Our long experience and the varied specifications we have built to have given us complete mastery over the individually built frame.

Occasionally we receive suggestions that are not altogether practical, and in these instances we are always willing to give assistance, and offer our help in order that our customers may obtain satisfaction.

We make a point of having in stock lug sets to build to all anticipated angles, and by this foresight we avoid any necessity to force a lug to a particular angle. The rough and ready method of forcing only means leaving the lugs and tubes in a tensioned condition, which

eventually develops into a distorted tube or a total fracture.

Particular attention is given to the tubing. All tubes are carefully mitred to reach and occupy the full length of the lug, an important factor when using specially filed and lightened lugs. The ordinary method of brazing a frame and then lining it up afterwards, wrenching a tube here and there in order to obtain a correct angle did not find favour with us, and we went to great expense to design a special plate erecting jig for the assembly of the main frame triangle. Every frame is erected and pegged ready for brazing on this jig, and after brazing the frame is again placed on the jig and passed out only after careful checking.

The design of our lugs is the result of long and careful experiments, as our aim was to create a scientific lug and of pleasing design.

With strength and safety in mind we bring in one of the main features of our design, which, instead of cutting, is drilled, and in this manner any possibility of jagged cuts is eliminated.

Of Interest to the Practical Cyclist —

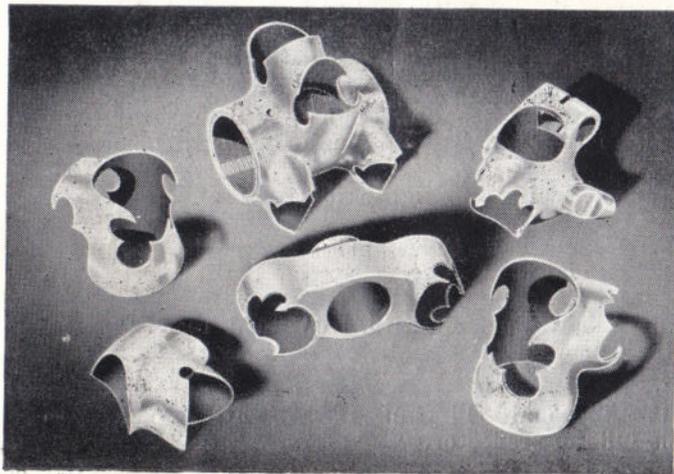
*(Continued)*

By drilling the lugs in a series of half-circles we obtain our design and at the same time even out the stresses over the widest possible area and give the maximum strength to the lug.

We have installed in our works the most up-to-date high pressure paint spraying equipment, and offer a wide range of colours in standard finishes and contrasting shades. All chrome plating is on a special copper and nickel base, the extra copper deposit helping considerably in the prevention of any moisture reaching the tubing and eventual peeling of the chrome.

We shall be pleased to quote for any alternative specifications at customer's request.

.....



# THE BAINES *Range of*

## ALTERNATIVE

# FORK BLADE DESIGNS

# AND RAKES

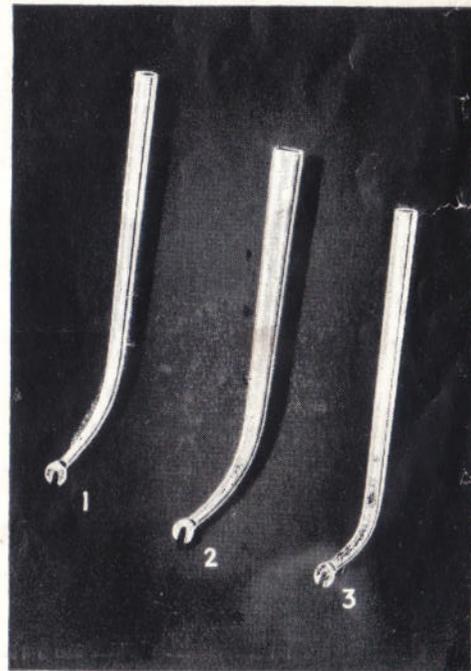
*Please State Ref. No. When Ordering*

**NO. 1** — Special Short Offset  $1\frac{1}{2}$ " Rake, as recommended and fitted to our V.S.37 and V.38 Frames.

**NO. 2** — Continental Curve of  $2\frac{1}{4}$ " rake, suitable for long distance road racing.

**NO. 3** — Standard Abrupt Offset of  $2\frac{3}{4}$ " rake, suitable for all round Club riding.

D to Round or  $\frac{7}{8}$ " Round Optional



# The BAINES "PENNINE" Standard



Cash Price — £9 - 10 - 0

PENNINE FRAME *with front forks, chainwheel and seat pillar, £4-19-6*

**FRAME**—Reynolds 531 Tubing, 70 deg. seat, 70 deg. head, upright frame. Special lightened and feathered lugs. Any frame size to order. Bracket height 11". Special short rear triangle. Wheel base 41". Brazed on fittings.

**FORKS**—Special gauge blades of Reynolds 531 tubing,  $\frac{3}{4}$ " round or D to O section. Solid machined crown and fork tips. No. 3 rake or to order. Brazed on adjustable lamp bracket.

**CHAINWHEEL SET**—Williams C.1000 Lightweight racing.

**CHAIN**—Renolds Roller  $\frac{1}{2}$ " x  $\frac{1}{8}$ ".

**PEDALS**—Quill pattern or Universal Racing.

**WHEELS**—26" x 1 $\frac{1}{4}$ ", built with Dunlop light gauge, Endrick chrome rims, B.W. narrow barrell hubs, double-buttet spokes, two fixed cogs, size to order.

**TYRES**—Dunlop, 26' x 1 $\frac{1}{4}$ " Sprite or Speed.

**BRAKE**—Front or rear, light action side pull, centre bolt fixing.

**SADDLE**—Brooks B15 Champion, on straight seat pillar.

**HANDLEBARS**—Chrome Shallow Highgate, Bailey, Binda, or to to order. Lightweight 2" or 3" adjustable extension.

**GUARDS**—Bluemel white Noweight, ribbed.

**LUBRICATION**—Tecalemit Oil Nipples: wheels, bracket, top and bottom fork races.

**FINISH**—Any colour Enamel, with front and rear chrome fork ends, all chrome fork optional.

**EQUIPMENT**—Tecalemit Oil Gun, B.S.A. pattern box spanner, Bluemels inflator, reflector.

# The BAINES "PENNINE VARIABLE"



*Cash Price* — **£10-15-0**

Simplex Professional 3 speed gear, 10/- extra.

Sturmey Archer A.R. Close Ratio 3 speed gear, 10/- extra.

Cyclo 3 speed or Poly gear, with Unit hub, 15/- extra.

PENNINE VARIABLE frame with forks, chainwheel set and seat pillar, £4-19-6

**FRAME**—Reynolds 531 Tubing, 70 deg. seat, 70 deg. head, upright frame. Special lightened and feathered lugs. Any frame size to order. Bracket height 11". Special short rear triangle. Wheel base 41". Brazed on fittings.

**FORKS**—Special gauge blades of Reynolds 531 tubing,  $\frac{7}{8}$ " round or D to O section. Solid machined crown and fork tips. No. 3 rake or to order. Brazed on adjustable lamp bracket.

**CHAINWHEEL SET**—Williams C.1000 Lightweight Racing, 48 tooth or to order

**GEAR**—Simplex Lightweight, Selection Standard, 3 speed gear, Boss type freewheel, Sprockets, 14, 16, 17, or to order.

**CHAIN**—Renolds Roller  $\frac{1}{2}$ " x  $\frac{1}{8}$ ".

**PEDALS**—Quill pattern or Universal Racing.

**WHEELS**—26" x  $1\frac{1}{4}$ ", built with Dunlop light gauge, Endrick chrome rims, B.W. narrow barrell hubs, double-buttet spokes, two fixed cogs, size to order. Rear hub, specially designed to take Boss type freewheel.

**TYRES**—Dunlop, 26' x  $1\frac{1}{4}$ " Sprite or Speed.

**BRAKES**—Front and rear, light action side pull, centre bolt fixing

**SADDLE**—Brooks B15 Champion, on straight seat pillar.

**HANDLEBARS**—Chrome Shallow Highgate, Bailey, Binda, or to order. Lightweight 2" or 3" adjustable extension.

**GUARDS**—Bluemel white Noweight, ribbed.

**LUBRICATION**—Tecalemit Oil Nipples: wheels, bracket, top and bottom fork races.

**FINISH**—Any colour Enamel, with front and rear chrome fork ends, all chrome fork optional.

**EQUIPMENT**—Tecalemit Oil Gun, B.S.A. pattern box spanner, Bluemels inflator, reflector.

# The BAINES "INTERNATIONAL T.T."

## The choice of the MASSED START & ROAD RACING Experts

Designed in conjunction with one of the most successful massed start experts of the day, who says, "A revelation to ride . . . Responsive to every effort . . . Perfect steering and control."

This design **has proved itself** time after time

**FRAME**—Reynolds 531 Butted Tubing, Sizes 21," 22," 23," or to order. Wheel base 39½" or as required. 72 deg. upright head, 72 deg. seat support, or any angle to order. Bracket height 11" using 26" wheels. Special design incorporating vertical tube, giving three point support to top tube. Additional struts to rear drop-outs and seat tube, giving scientific rigidity to chain stays and rear triangle.

**FORKS**—Special gauge blades of Reynolds 531 butted tubing, No.2 rake, ⅜" round section, solid fork crown designed to match frame lugs, machined tips, adjustable brazed on lamp bracket.

**CHAINWHEEL SET**—Williams' Lightweight Racing C1000, 46T, or to order.

**CHAIN**—Renolds Roller.

**WHEELS**—Tabucchi or Constrictor, first choice sprint rims, 26" or 27," solite hubs, 14 x 16 gauge double butted rustless spokes, tied and soldered.

**TUBULARS**—Dunlop Cotton, Tabucchi or Constrictor, to choice.

**GEAR**—Simplex Champion Du Monde, Professional 3 speed. Sprockets to order. Cyclo 3 speed or Poly gear with unit hub 5/- extra.

**BRAKES**—Front and rear light steel side pull, centre bolt fixing, with silver cables.

**SADDLE**—Brooks B17 Range or Flyer on straight Kromo extension

**HANDLEBARS**—Chrome Binda, Tour De France, B.S.A. Continental, Bailey, or to choice, on Kromo 2" or 3" raised or level extension.

**LUBRICATION**—Tecalemit oil nipples to wheels bracket, top and bottom fork races.

**FINISH**—All chrome head and lugs, chrome front and rear fork tips, or all chrome fork optional. Any colour enamel or Baines Durable Chromatic Lustre finish in Blue, Green or Red only. Super Flamboyant on Nickel Plate, or All Chrome finish on Copper Plate, 25/- extra.

**EQUIPMENT**—Tecalemit Oil Gun, B.S.A. pattern box spanner, Bluemels inflator, feeding bottles and carrier extra.



Registered Design No. 816136

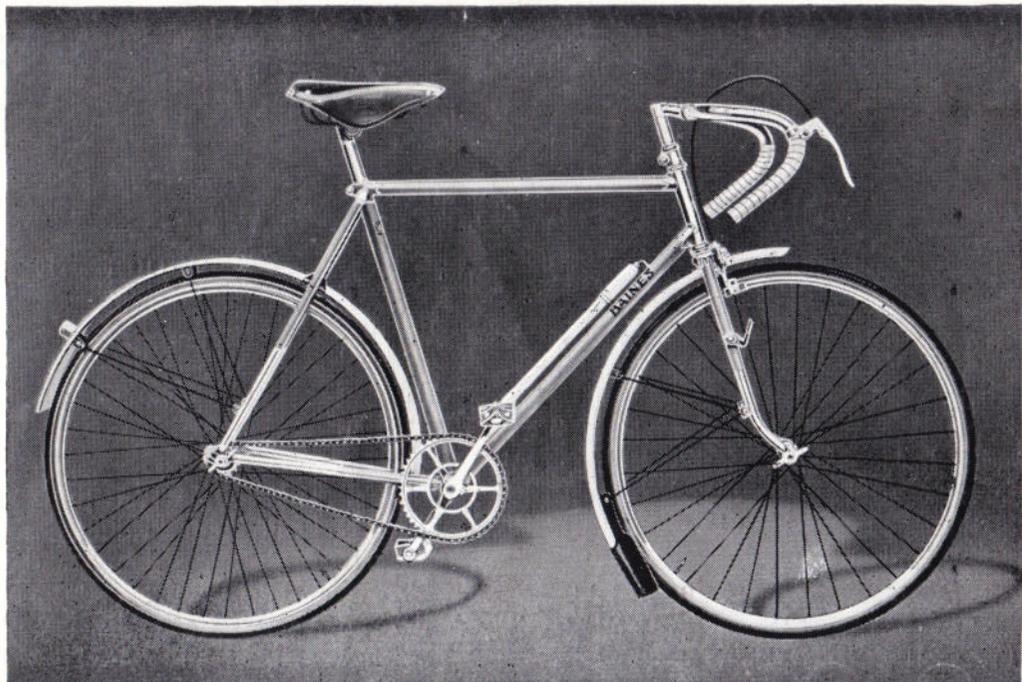
Cash Price — **£13 - 13 - 0**

Chater chain wheel set and head fittings, 17/6 extra.

Aluminium or Continental alloy bars, stem and seat pillar, 15/- extra.

No. 2 Road Model—Exactly as above specification, but fitted with Dunlop High Pressure wheels and tyres and Bluemels Noweight guards — **£12 - 15 - 0**.

"International T.T." frame, front forks, chainwheel set and seat pillar, **£6-0-0**.



# THE BAINES SPECIAL

SHORT WHEEL BASE

## SPECIFICATION

**FRAME**—Built of Reynolds 531 Butted Tubing, Frame size to order, 73 degrees head, 73 degrees seat, or any degree optional. Baines special lightened hand filed lugs of attractive design. Special short rear triangle incorporating our own design chain stays allowing full clearance for tyres or tubulars, forward drop-outs. Track ends to order. Bracket height 11" using 26" wheels. Wheel base 39½" or 40½" according to rake of fork ordered. Brazed - on fittings. Reflector eye to order.

**FORKS**—½" round of Reynolds 531 butted tubing, solid fork crown, designed to match frame lugs. Offset machined Tips, No. 1 Rake or to order, brazed-on adjustable lamp bracket.

**CHAINWHEEL SET**—Williams Lightweight Racing C1000, size to order.

**CHAIN**—Coventry Elite or Renolds Roller.

**PEDALS**—Webb solid centre.

**WHEELS**—26 x 1¼ Dunlop high pressure, chrome rims, B.W. best Featherweight hubs, double butted spokes, two fixed cogs, size to order, 27" wheel optional.

**TYRES**—Dunlop high pressure, rib and file tread.

**BRAKE**—Front or rear light steel Continental side pull, centre bolt fixing.

**SADDLE**—Brooks B17 Champion Range or Flyer, on straight Kromo seat pillar

**HANDLEBARS**—Chrome Shallow Highgate, Bailey, Binda, or any popular type. Kromo adjustable stem, 2" or 3" extension.

**GUARDS**—Bluemels white Noweight, screw in stays.

**LUBRICATION**—Tecalemit Oil Nipples: wheels, bracket, top and bottom fork races.

**FINISH**—Any Colour Enamel, or Baines' Durable Chromatic Lustre Finish in Blue, Green or Red only. Front and rear chrome ends. All chrome head and head lugs. All chrome fork if desired.

**EQUIPMENT**—Tecalemit Oil Gun, B.S.A pattern Box Spanner, Bluemels Pump, Reflector.

Cash Price — **£10-10-0**

WITH CHATER FITTINGS 25/- EXTRA

HIDUMINIUM BAR, STEM and SEAT PILLAR 15/- EXTRA

SUPER FLAMBOYANT on NICKEL BASE, or

ALL CHROME FINISH on COPPER PLATE 25/- EXTRA

'SPECIAL' Frame with front forks, chainwheel set & seat pillar, chrome head, **£5-5-0** cash

INTRODUCING A NEW DESIGN

# THE BAINES V HANDBUILT ULTRA-SHORT WHEEL

THE CHOICE OF THE

WHEELBASE.  $37\frac{3}{4}$ ".

BRACKET HEIGHT. With 26" wheels  
11" or to order.

POINTS OF ADVANTAGE. Shorter  
Wheelbase with better riding position as  
Top Tube is  $\frac{3}{4}$ " longer than Standard and  
Rider is not "cramped." Rapid Hill  
Climbing and Cornering. Perfect  
Steering. Rigid and Lively.

V. 38. Ideal for fast road work,  
short distance events and hill  
climbs, etc.

With clearance for Mudguard  
and Toe Clips, it has a Wheelbase  
of  $37\frac{3}{4}$ ".

Comfort has not been sacrificed  
for design and the Top Tube is  $\frac{3}{4}$ "  
longer than Standard.



V.38. REG. DESIGN NO. 816135

## SPECIFICATIONS.

**FRAME V. 38.** Any Frame size to order.  
73 degree Upright Head and Seat Pillar.  
Vertical Seat Tube. Reynolds "531"  
or High Manganese Aircraft Tubing. All  
Lugs superbly cutaway, lightened and  
feathered. Forward Drop-out or Rear  
Track Ends to order.

**FRAME VS. 37.** As V. 38 but additional  
Light Struts from Drop-outs to Seat Tube  
Lug. Also Seat Pillar Tube Support.

## VERTICAL 38

With Baines Fittings **£5-5-0**  
and Front and Rear Chrome Tips

Extra for All Chrome Head ... **5-0**

Extra for CHATER LEA

Chainwheel, Cranks and

Fork Fittings ... .. **£1-0-0**

Extra for All Chrome Finish ... **£1-0-0**

# CYCLE FRAME CONSTRUCTION

## **.38 & V.S. 37**

**BASE FRAMES** (Registered Design Nos. 816135-6)

ASSED START EXPERT

**FORKS.** Of Special Design and Rake.  $\frac{7}{8}$ " round or D to round optional. D to round strongly advised for events other than road racing. Solid Machined Crown specially lightened and cutaway. Detachable Lamp Bracket on Brazed-on Boss. Offset Machined Fork Ends.

### **CHAINWHEEL AND CRANKS.**

**WILLIAMS C.1000.**

Size to order.

**V.S. 37.** Of particular advantage for Grass, Cinder and Board Tracks where a quick get-away is necessary.

Measurements and designs are exactly as the V. 38, but has Strutted Rear Ends and Seat Pillar Support.

This is the most rigid type of frame possible.

When ordering it is advisable to state the type of events the frames are required for.

**FINISH.** Any colour Enamel or Baines' Durable Chromatic Lustre Finish in Blue, Green or Red only. Chrome Front and Rear Tips. All Chrome Fork optional.

**GENERAL.** Brazed-on Mudguard Eyes and Pump Pegs. Reflector Eye to order. Tecalet Oil Nipples to Bottom Bracket. Fork Head Clip and Bottom Race.

### **VERTICAL STRUTTED 37**

*With Baines Fittings* **£5-15-0**

and Front and Rear Chrome Tips

Extra for All Chrome Head ... **5-0**

Extra for CHATER LEA

Chainwheel, Cranks and

Fork Fittings ... **£1-0-0**

Extra for All Chrome Finish ... **£1-5-0**



V.S.37. REG. DESIGN NO. 816136

# THE BAINES V.S. 37 ROAD MODEL

Registered Design No. 816136



Cash Price — £11-5-0

Chater chainwheel set and head fittings 17/6 extra  
Hiduminium bars, stem and seat pillar, 15/- extra

**V.S.37 SPRINT MODEL.** With Tabucchi sprint rims and Dunlop Tubulars, spokes tied and soldered. Less guards but with spearpoint extension — £12-5-0

S. Maes Tour-de-France 1" Duralumin bends and stems 10/- extra

V.S.37 Road Model frame and front forks, chainwheel set and seat pillar — £5-15-0

**ULTRA-SHORT WHEELBASE.** The most talked of frame of the year  
**ACCLAIMED AS A REVOLUTION IN CYCLE DESIGN**

**FRAME**—Built of Reynolds 531 butted tubing, frame size to order, upright design, 73 deg. head, 73 deg. seat tube support, or any angle to order. Special design, incorporating vertical tube, giving three point support to top tube, additional struts to rear drop outs and seat tube, giving scientific rigidity to chain stays and rear triangle, bracket height 11", using 26" wheels, usual brazed on fittings, Baines' special lightened, hand filed lugs.

**FORKS**—Special gauge blades of Reynolds 531 butted tubing, No. 1 rake, or to order.  $\frac{3}{4}$ " round or D to O optional, machined crown, designed to match frame lugs. Solid tips. Adjustable brazed on lamp bracket.

**CHAINWHEEL SET**—Williams C.1000 Lightweight Racing. Size to order.

**CHAIN**—Coventry Elite or Renolds Roller.

**WHEELS**—26 x 1 $\frac{1}{4}$  Dunlop High Pressure. Chrome rims. B.W. best featherweight hubs. Double butted spokes. Two fixed cogs, size to order. 27" wheels to order.

**TYRES**—Dunlop High Pressure. File and rib tread.

**BRAKE**—Front or rear Continental. Light action, side pull, centre bolt fixing.

**SADDLE**—Brooks B17 Champion Range or Flyer on straight Kromo seat pillar.

**HANDLEBAR**—Chrome Shallow Highgate, Bailey, Binda, or any popular type on lightweight 2" or 3" adjustable extension.

**GUARDS**—Bluemels White Noweight, ribbed.

**LUBRICATION**—Tecalemit oil nipples to wheels, bracket, top and bottom fork races.

**FINISH**—Any Colour Enamel, or Baines' Durable Chromatic Lustre finish in Blue, Green or Red only. Front and rear Chrome fork ends or all Chrome fork optional. Chrome head and head lugs 5/- extra. Super Flamboyant on nickel plate or all chrome finish on copper plate 25/- extra.

**EQUIPMENT**—Tecalemit Oil Gun, B.S.A. pattern box spanner, Bluemels inflator, reflector.



# BAINES CONTINENTAL

## SPECIFICATION

**FRAME**—Built of Reynolds 531 butted tubing (Frame size to order), 74° head, 71° seat tube. Baines special lightened hand filed lugs, of pleasing design, Special rear triangle incorporating our own design chain stays allowing ample wheel clearance, forward drop outs, Osgear ends to order, bracket height 11" using 26" wheels. Wheel base 41". Usual brazed on fittings.

**FORK**—Oval to round fork blades of Reynolds 531 butted tubing, Special No. 2 Rake, Two piece Crown of Continental design, solid machined tips, brazed on adjustable lamp bracket.

**CHAINWHEEL SET**—Williams C.1000 Lightweight Racing 48 tooth or to order.

**CHAIN**—Renolds Roller.

**GEARS**—3 speed Simplex Lightweight Selection Standard, Boss Type Freewheel. Sprockets 14, 16, 18 or to order. Simplex Professional or Cyclo Poly Gear 3 speed gear 9/6 extra.

**WHEELS**—26 x 1½ Dunlop High Pressure, Chrome Rims, Lightweight Racing Hubs, rear hub to take Boss Type Freewheel. Double Butted Spokes tied and soldered.

**TYRES**—Dunlop High Pressure, File and Rib Tread.

**PEDALS**—Pierre Lyotard 3½" Continental or Webb Solid Centre.

**BRAKES**—Two Continental Light Steel Side Pull, centre bolt fixing, silver cables.

**SADDLE**—Brooks B17 Champion Range or Flyer on straight Kromo seat pillar.

**HANDLEBARS**—Chrome Binda, Tour de France, B.S.A. Continental or others to choice, Kromo 2" or 3" raised Extension.

**GUARDS**—Bluemels White Noweight with separate spearpoint Extension.

**LUBRICATION**—Tecalemit Oil Nipples to wheels, bracket, top and bottom Fork races

**FINISH**—Any Colour Enamel or Baines Durable Chromatic Lustre Finish in blue, green or red only. Front and rear Chrome ends, All Chrome Head and Head Lugs. All Chrome Fork if desired.

**EQUIPMENT**—Tecalemit Oil Gun, B.S.A. Pattern Box Spanner, Bluemels Inflator, Reflector.

*Cash Price* — **£12 = 7 = 6**

SINGLE SPEED MODEL with High Pressure Wheels and one Brake — **£11 - 2 - 6**

3 SPEED Model with Wolber Continental Sprint Rims and Wolber or Dunlop Tubulars, Less Guards, but with Spearpoint Extension — **£13 = 5 = 0**

S. Maes Tour de France 1" Duralumin Bend and Stem — 6/- Extra

CONTINENTAL MODEL FRAME with front forks, chainwheel set, seat pillar and chrome head — **£5 - 10 - 0.**

# BAINES V38 ROAD MODEL



Registered Design No. 816135

Cash Price — **£9-17-6**

SPRINT MODEL with Tabucchi Sprint Rims, Dunlop or Tabucchi Tubalars  
Spokes tied and soldered, less guards, Cash Price **£11-5-0**

V.38 Road frame and front forks, chainwheel set and seat pillar, **£5-5-0**

Incorporating the well known Short Wheel Base  
Competition Frame of Registered Design

## The Really Rapid HILL CLIMBER

### SPECIFICATION

**FRAME**—Reynolds 531 butted tubing, upright frame, 70 deg. head, 70 deg. seat pillar. Special lightened and feathered lugs, any frame size to order. Unique design with vertical tube giving three point support to top tube, 11" bracket height, with 26" wheels, usual brazed on fittings.

**FORKS**—Special gauge blades of Reynolds 531 tubing,  $\frac{7}{8}$ " round section, No. 1 rake, or to order, machined crown and fork tips. Brazed on adjustable lamp bracket.

**WHEELBASE**—37 $\frac{3}{4}$ " with 26" wheels. This allows full clearance for guards, toe clips, etc.

**CHAINWHEEL SET**—Williams G.1000 Lightweight racing, size to order.

**CHAIN**—Renolds Roller  $\frac{1}{2}$ " x  $\frac{1}{8}$ ".

**PEDALS**—Light Quill pattern or Universal Racing.

**WHEELS**—26" x 1 $\frac{1}{4}$ ", built with Dun'op Light Gauge Endrick chrome rims, B.W. Light Racing Hubs, double butted spokes, two fixed cogs, sizes to order.

**TYRES**—Dunlop 26 x 1 $\frac{1}{4}$  Sprite or Speed.

**BRAKE**—Front or rear light action side pull, centre bolt fixing.

**SADDLE**—Brooks B15 Champion on straight seat pillar.

**HANDLEBARS**—Chrome Shallow Highgate, Bailey, Binda, or to choice, on Lightweight 2" or 3" adjustable extension.

**GUARDS**—Bluemels white Noweight, ribbed.

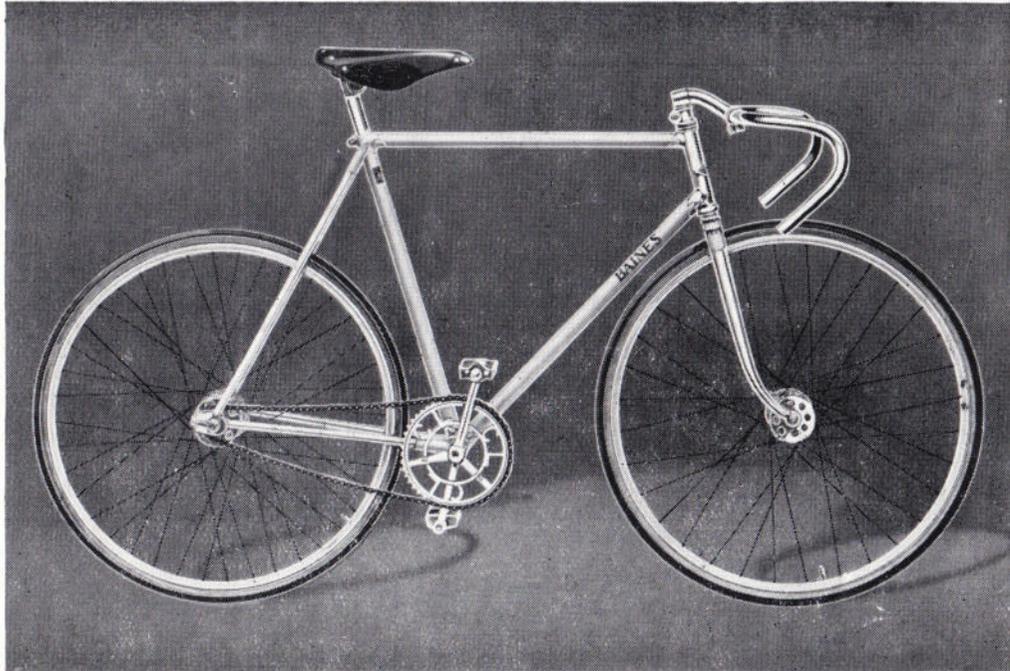
**LUBRICATION**—Tecalemit Oil Nipples to wheels, bracket, top and and bottom fork races.

**FINISH**—Any Colour Enamel, with front and rear chrome fork ends. All chrome fork optional. Chrome head 5/- extra.

**EQUIPMENT**—Tecalemit oil gun, B.S.A. pattern box spanner, Bluemel inflater, reflector.

# THE BAINES PATH OR TRACK MODEL

## SPECIFICATION



*Cash Price* — **£14-5-0**

Track Frame with front forks, chainwheel set and seat pillar, **£6-15-0**

**FRAME**—Built of Reynolds 531 butted tubing, 22" or to order. 75 deg. head, 73 deg. seat. Rear track ends, special short rear triangle, bracket height 11½" with 27" wheels, wheel base 39½" or to order. Brazed on fittings to order.

**FORKS**—Special gauge blades of Reynolds 531 butted tubing, No. 1 rake, D to round or ⅞" round.

**CHAINWHEEL SET**—Chater Lea or B.S.A. 1" x ⅜" pitch. Size to order.

**CHAIN**—Coventry Elite Block, 1" x ⅜".

**WHEELS**—Best Tabucchi or Constrictor sprint rims and tubulars to choice, Airlite Continental equal flange hubs, spokes tied and soldered, 14 x 16 gauge.

**SADDLE**—Brooks B.17 Champion range on straight seat pillar.

**HANDLEBARS**—Sibbit, Continental or to order, on Toni Merkens special adjustable extension.

**PEDALS**—Webb or Brampton, solid centre.

**LUBRICATION**—Tecalemit nipples to wheels, bracket, top and bottom fork races.

**FINISH**—Front and rear tips chrome plated. All chrome fork optional, any colour enamel or BAINES Durable Chromatic Lustre finish in Blue, Green or Red only. Chrome head and lugs 5/- extra.

**EQUIPMENT**—Tecalemit oil gun and B.S.A. pattern 4 way box spanner.

## TERMS OF BUSINESS



A Deposit of 20/- is required when ordering, and the balance of cash is due when account is presented before despatch.

Our terms are cash, but should you wish to purchase a complete cycle or frame on easy terms, we suggest you pass your order through your local lightweight dealer, who, no doubt, will arrange terms to suit you, and you may rest assured that the order will have every attention and thought as if ordered direct.

---

## CARRIAGE



All Cycles and Frames are despatched carriage paid to nearest railway station in Great Britain and Northern Ireland, and crate and packing free-of-charge, and on receipt should be signed for "Unexamined," and any damage notified to the Railway Company and ourselves.

*We shall be pleased to quote for any repairs, wheelbuilding, gear repairs, frame and fork repairs, re-tracking and alterations, also re-enamelling and re-chroming to any make of cycle or tandem.*



*Repairs, Alterations and Renovations must be sent carriage paid and addressed to*

# BAINES

The Cycle Specialists

*IDLE ROAD, ECCLESHILL  
BRADFORD, YORKS.*

# GUARANTEE

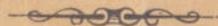


W. & R. Baines GUARANTEE that all precautions have been taken to obtain excellence of workmanship and materials, and should any defect occur within five years of purchase, and in original owner's possession, the defective part will be replaced free-of-charge, which does not include cost of postage, and must be sent carriage paid.

This GUARANTEE is limited to the supply of a New Part, and we do not hold ourselves responsible for any consequential damage or expense due to defective parts.

Tyres, Rims, Saddles, Chains, Gears and other component parts are usually Guaranteed by the various Makers, and our name should be mentioned in any correspondence to them. This Guarantee does not apply to defects caused by wear and tear, misuse or neglect.

# GEAR TABLE



Chain-wheel No. of Teeth	Cogs. No. of Teeth	Diam. of Wheel		Chain-wheel No. of Teeth	Cogs. No. of Teeth	Diam. of Wheel	
		26 in.	27 in.			26 in.	27 in.
42	12	91.0	94.1	48	12	104.0	108.0
	13	84.0	87.4		13	96.0	99.7
	14	78.0	81.0		14	89.1	92.5
	15	72.8	75.7		15	83.2	86.4
	16	68.2	70.8		16	78.0	81.0
	17	64.3	66.7		17	73.4	76.2
	18	60.6	63.0		18	69.3	72.0
	19	57.5	59.6		19	65.7	68.2
	20	54.6	56.7	20	62.4	64.8	
44	12	95.3	99.0	50	12	108.3	112.5
	13	88.0	91.3		13	100.0	103.8
	14	81.7	84.8		14	92.4	96.4
	15	76.2	79.2		15	86.6	90.0
	16	71.5	74.2		16	81.2	84.3
	17	67.2	69.8		17	76.4	79.4
	18	63.5	66.0		18	72.2	75.0
	19	60.2	62.5		19	68.4	71.3
	20	57.2	59.4	20	65.0	67.5	
46	12	99.6	103.5	52	12	112.6	117.0
	13	92.0	95.5		13	104.0	108.0
	14	85.4	88.7		14	96.5	100.2
	15	79.7	82.1		15	90.1	93.6
	16	74.7	77.6		16	84.5	87.7
	17	70.3	73.0		17	78.5	82.3
	18	66.4	69.0		18	76.1	78.0
	19	63.0	65.4		19	71.2	74.0
	20	59.8	62.0	20	67.6	70.2	

W. & R. BAINES

The Lightweight  
Cycle Builders  
of  
The North of England