

BROWN BROTHERS LIMITED

Allied Companies: THOMSON & BROWN BROTHERS LIMITED; BROWN BROTHERS IRELAND, LIMITED.

Horns—continued



"BOSCH" ELECTRIC HORN
6 or 12 volts.

• Large Type U K.

With either flat or tubular mounting bracket and press-button switch.
No. BB/100 — each £3 7 6
With tone-reducer and press-button switch.
No. BB/104 — each £3 17 6

Small Type U 11a.

With one press-button switch.
No. BB/101 — each £3 0 0
With tone-reducer and press-button switch.
No. BB/105 — each £3 10 0



"NORTHEASTER" ELECTRIC HORN

A high-grade magnetic horn with a good, strong, clear, penetrating note. Low current consumption 6 or 12 volt. Complete with mounting bracket.

No. BB/139 — each £1 10 0



"LUCAS" No. 10 ELECTRIC HORN

6 or 12 volts.

Large pattern, suitable for use on medium-powered or heavy touring cars. Complete with push, but less cable.

No. BB/98 — Ebonite black — each £1 15 0

No. BB/99 — Nickel plated — each £1 17 6



"LUCAS" No. 5 ELECTRIC HORN
6 or 12 volts.

A smaller pattern horn, embodying the same principles as No. 10, but constructed for fitting to light cars.

No. BB/96 — Ebonite black — each £1 7 6

"LUCAS" No. 7 ELECTRIC HORN
Similar to No. 10 but constructed for under-the-bonnet fixing.

No. BB/97 — Black only — each £1 6 0



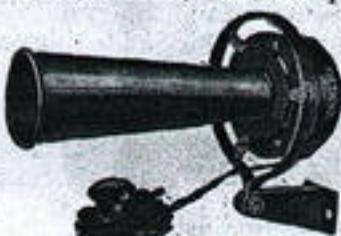
"CLEAR HOOTER" MODEL A

Standard type with special bracket attachment which enables it to be fixed quickly and easily in any position. 13½ in. overall.

Highly finished in black.

Complete with cable and switch.

No. BB/64 — 6 or 12 volts — each £3 1 6



"SYGNOL" ELECTRIC HORN
Model SL. 6 or 12 volts.

Overall measurement 10½ in. — Black finish.
No. BB/88a — each £1 6 0



"BOSCH" ELECTRIC HORN

New pattern. Type PK.

Straight trumpet. 6 or 12 volt. Black finish.

No. BB/112 — With switch, less cable — each £1 10 0



"LUCAS ALTO" ELECTRIC HORN

6 or 12 volts.

With under-bonnet dashboard fixing. Complete with horn but less cable. Black finish only.

No. BB/99 — With running board fixing — each £3

No. BB/98 — Black finish — each £3

Head Offices and Warehouses:

Great Eastern Street, London, E.C.2
126, George Street, Edinburgh.



BRANCHES: ABERDEEN, BIRMINGHAM, CARDIFF, DUBLIN,
EDINBURGH, GLASGOW, LEEDS, LONDON,
MANCHESTER, NEWCASTLE & SOUTHAMPTON

Representatives at MELBOURNE, WELLINGTON, CALCUTTA,
JOHANNESBURG, CAPE TOWN, NAIROBI & BUENOS AIRES

BROWN BROTHERS LIMITED

307

Allied Companies: THOMSON & BROWN BROTHERS LIMITED. BROWN BROTHERS (IRELAND) LIMITED.

Horns—continued



"MILLER" SPORTS HORN

A new model for 1928. Sustained penetrating note. Seamless metal body. Splendid finish.

Length 15 ins. Diameter 2 ins.

No. CHA/146 (S1T) ... each 8/-



"KLAXET" HORN

Motor driven. 4 or 6 volts. With bracket.

No. CHA/300 Ebonite black ... each 22/-
Push and flexible ... extra 2/-



"LUCAS" ELECTRIC HORN

No. 2. 4 and 6 volt.

With handlebar clip and push complaint.

No. CHA/302 Ebonite black ... each 27/-



"SYNOL" ELECTRIC HORN

Overall measurement, 8½ in. Weight, 1 lb. 5 oz.
Handlebar fitting. Supplied in 4 or 6 volt.

Black finish.

No. CHA/305 ... each 10/-



"LUCAS" HORN BULBS

No. CHA/37 For 60 ... each 4/-
... 65 5/-



"KLAXON" MODEL C.

Push down mechanical type.

No. CHA/22 All black ... each 21/-



"BOSCH" ELECTRIC HORN

Model U1 VA. 6 volts.

With push button, handlebar clip and bracket.

No. CHA/310 ... each 45/-



HORN REEDS

Box of 12 assorted, suitable for Lucas, Miller,
Deane, Stadium, etc.

No. CHA/80 ... per box 7/-



"COWEY" MECHANICAL HORN

The "Covey" mechanical horn is built on an entirely new principle and is quite unlike any other horn. By merely regulating the pressure applied by the hand it is possible to produce any sound from a gentle murmur to a full-throated roar.

No. CHA/62 Black and Nickel ... each 21/-

Head Offices and Warehouses:
Great Eastern Street, London, E.C.2
126, George Street, Edinburgh.



BRANCHES: ABERDEEN, BIRMINGHAM, CARDIFF, DUBLIN,
DUNDEE, GLASGOW, LIVERPOOL, LONDON, NEWCASTLE & SOUTHAMPTON.

Representatives at MELBOURNE, WELLINGTON, CALCUTTA,
JOHANNESBURG, CAPE TOWN, NAIROBI & JUBA, KARACHI.













distributed by

WASSEL



PART NO WW11060
REPLICA LUCAS
ALTEITE HORN BAZEL
WITH FITTING NUTS - 1 PC

1 Sadler Road • Lincoln • LN

ALTEITE









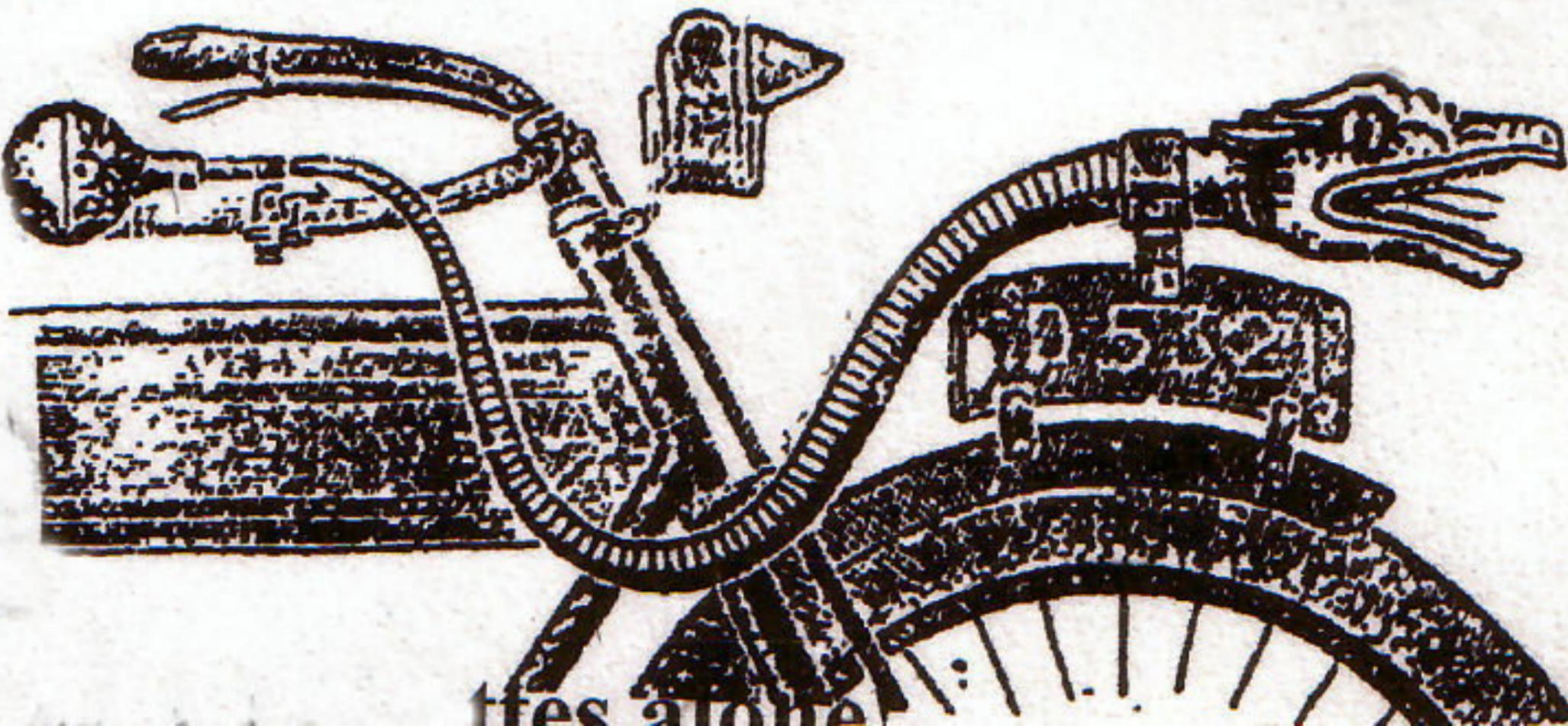








UNITED STATES
NATIONAL GUARD



ttes alone















BOSCH

GERMANY
IMMOBIL
EINLEMMER

0.6

KEY















ERICKSON







CLEARHOOVERS 180/2

LUCAS 700168



INCHES

2

5

BNR-15

4 5 6 7

8 9 10

11 12





































A close-up photograph of a vintage-style doorbell. The central feature is a circular brass button with the words "DE MOL" embossed in a circular pattern around a central gold-colored button. The brass plate is mounted on a dark, textured surface, likely a door or wall. The lighting highlights the metallic texture and the engraved text.

DE MOL











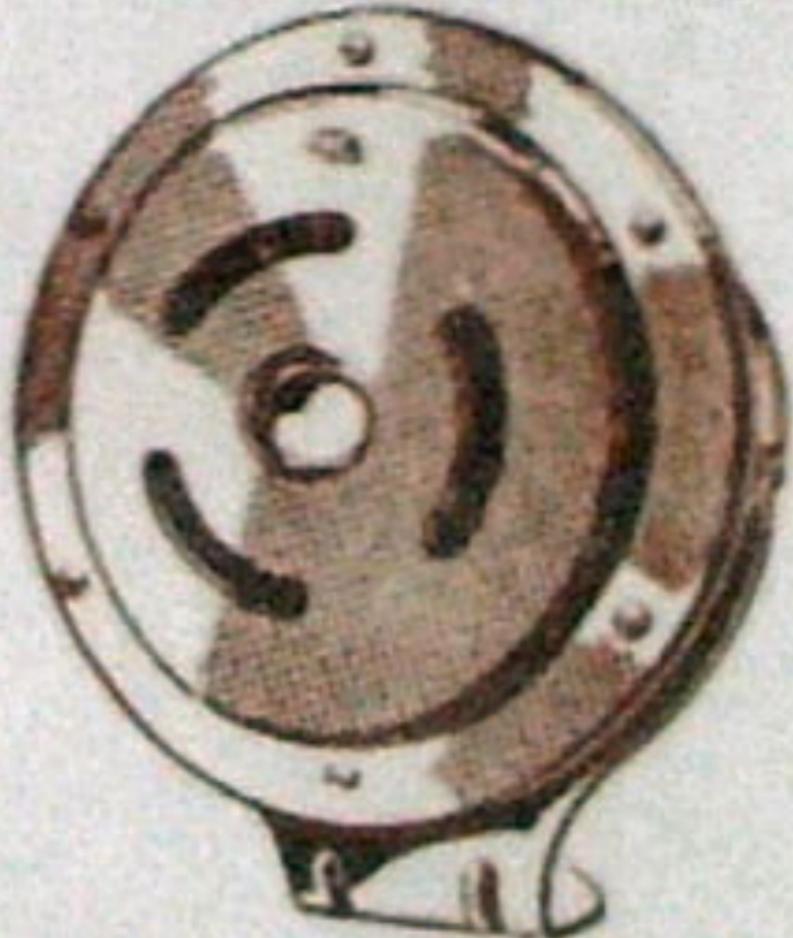




OSVDA
OSSA
MOTORCYCLES



" DESMO " HORN.



For Head Lamp Cross Bar
Fitting. Model HF 267C.

- ZH428/1302 All Black. Ea.
12 volt .. 17/6
- ZH429/1302 All Black,
6 volt .. 17/6
- ZH430/1500 Chromium
Finish, 12 volt 20/-
- ZH432/1500 Chromium
Finish, 6 volt 20/-
With Flex and Push.

BER CO. LTD































Warn

Murali make

1000 TUTORIALS ON



Qts 1



Qts 1



Qty 1











SPUN produced REPRO on left of the 2 original CORRECT assemblies shown has too large a curve inside its lip to accomodate & centralise diaphragm assembly. It crimps up diaphragm & ruins entire item when tightened down as a result. This prevents it functioning and causes burning out of points and coil & perhaps worse.



















0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17









KYPROS

















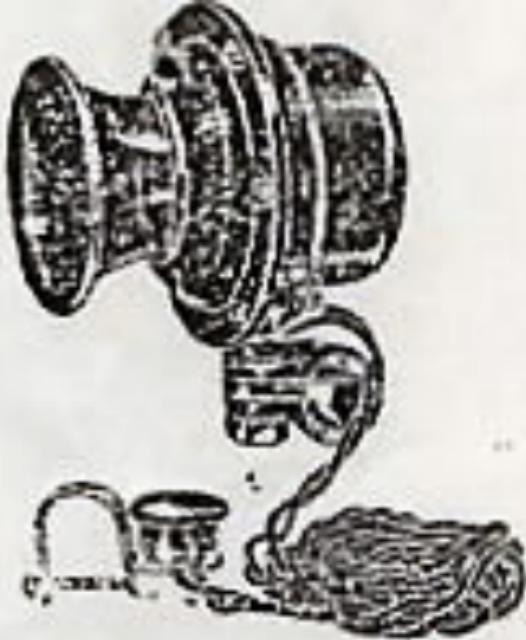


KLAXON "KIFONET" HORN.

Motor-Cycle type. 6 volt. Less push and flex.

No.

H0540 C700 ... each 10/-



P. & H. NO. 217 MOTOR-CYCLE ELECTRIC HORN.

6 volt. Complete with push and flex.

No.

H0553 C711 ... each 10/-



~~AFF~~
~~ARTS.~~ I HAVE SOME HERE BUT LAST A1 - long gone
I have space to restore all though.

LAXONS for all Requirements



Price 40/- for 6, 8 and 10 in.
KLAZON AL.



The original Klaxon model. It is
designed and built for high
power of tone and
volume. L. 28 D. 8 1/2 H. 15 1/2
Weight 4.22 D. 6 1/2 H. 18 1/2



KLAZON AL.
Not suitable for the automobile
or truck.
Price 1. 22 8 1/2 D. 10 1/2
Weight 1. 42 8 1/2 H. 15 1/2



in 12V ✓



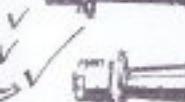
KLAZONET.
This is the best for automobile power.
An extremely powerful
horn which can blow over 100 ft.
Volume L. 24 D. 6 1/2 H. 10 1/2
Weight 3. 24 8 1/2 H. 15 1/2



KLAZONET II.
A sharp sound above the
Klazonet.
Price 3. 22 8 1/2 D. 10 1/2
Weight 3. 22 8 1/2 H. 15 1/2



✓



KLAZON.
The compact and powerful
automobile horn.
Price 1. 21 15 9 1/2 D. 15 1/2
Weight 1. 42 8 1/2 D. 4 1/2



✓ 6V
12V
24V



KLAZONET II combined in one
unit. This horn contains
the Klaxon and Klazon
in one unit. It is a
powerful horn which
blows over 100 ft.
Volume L. 24 D. 6 1/2 H. 10 1/2



✓

KLAZONET COMBINATION
Price 1. 21 15 9 1/2 D. 15 1/2
KLAZON COMBINATION Price 1. 25 9 1/2 D. 15 1/2

SOFT BUZZER TYPE HORN
Price 1. 24 8 1/2 D. 10 1/2 H. 15 1/2

ONLY THE TICKED ONES HERE NOW

General Instructions relating to ALL ELECTRIC "KLAZONS"

INSTALLATION

When selecting a position, it is important that any object in front of the instrument tends to muffle the sound. Always take a position which is as accessible as possible so that you can oil and adjust when necessary.

Keep away from the exhaust manifold. Too rapidly to prevent vibration.

We stock a large number of brackets for fitting in various positions, details of which may be had on application. Fit on the running board. Whitewash polish.

WIRING

First attach the push button to some convenient part of the car—preferably the steering wheel at the inside of the fore door.

Do not disconnect the wires from the push. Half the complaints we have are due to improper connection to the push, the malady of which requires great care.

The wrong combination of resistance is the culprit. We sell a combination switch in Fig. 15, a single coil horn being excepting a change over switch being provided for the latter.

Fig 15



For a single tone, carry the wires to the point "A", where it is necessary to make a complete loop and the connection. Separate the strength of this point, and carry one wire to one of the battery and the other to an antenna terminal. The circuit will be more reliable if cut off should be used to connect the other side of the battery with the remaining terminal of terminal. This arrangement makes splicing of the wires unnecessary. For combination instruments, the wire is required in three points. The piece of twin flex has the points substituted from "klaxon" terminal and use "Kido" terminal. The piece of twin flex, also from the point, is connected to the klaxon.

CIRCA 200 other Klaxon made items NO A1:

NICKEL TRUMPETS ON SOME

























LUCAS ALTO HORN

MODEL F410

268



JOSEPH LUCAS LTD.
BIRMINGHAM ENGLAND





PINCHES

1 / 2

BNR 15

THE RATES MFG. CO.
HACKETTSTOWN, N.J.
07840 U.S.A.

CELESTE











ACCESSORY SUGGESTIONS

*-useful in
every season!*



Write to Dept. A for
useful suggestions.
Detailed drawings & details
of every article.

LUCAS
"KING OF THE ROAD" **MOTORALITIES**

JOSEPH LUCAS LIMITED, BIRMINGHAM

★ "PASSLIGHT" & FOGLAMP

The Lucas FT21 is the finest auxiliary lamp made. Projects an immensely powerful, penetrating, Red-Capped beam, entirely free from any upward light or back glare. Exceedingly passable "Passlight" for cars without the Lucas "Clip and Switch". Brackets &c. extra. Supplied complete. **42/-**

Chrome-Plated Lamp, **2/-** extra.

Special Switch, combining normal control and the positive, making FT21 to be used as a *Stop Warning* in case of Silence. **5/-** extra.

★ BATTERY MASTER SWITCH

A form immediately isolates the battery from the rest of the electrical system. An excellent safety measure in case of emergency as fire, etc., a useful protection against theft or malicious destruction of horn, lamps, etc., while parked. **5/-**

★ HIGH-FREQUENCY HORNS

Powerful, piercing and distinctive; handsome and attractive in appearance. Cars already fitted with a Lucas "Horn-A" or "Alaria" can have a Twin Horn specially fitted to a higher note, to give a harmonious bleated note which is much more effective. Only half dozen.

—New Alaria-Luna" (Bassoon) — **55/-**

—New Alia" — **36/-**

—Alaria" — **36/-**

★ SPOTLIGHT WITH MIRROR

Type S217 has a series of seven given an intense high-power beam for illuminating road signs, telephone boxes, crossroads, etc. Also suitable in fog and when meeting on the road at night. Inexpensively adjustable. Turn and swing with Driving Mirror at back. Wide choice of brackets. **22/6**

All Chrome-Plated, **5/-** extra.













A photograph showing two circular metal components and a ruler. On the left is a smaller, solid circular plate with a single central hole. On the right is a larger, flanged circular plate with a central hole and five evenly spaced holes around its outer edge. The word "LUCAS" is stamped in capital letters near the top edge of the larger plate. A black ruler is positioned at the bottom, with markings visible from 1 to 6 inches.

LUCAS

PINCHES

BURRS

HORNS,

EIRO

ELECTRIC.

LUCAS "KING OF THE ROAD" ELECTRIC HORNS
"MELLOTOKE" ELECTRIC WIND HORNS.

"ALTO DE LUXE"

Lucas
HF 728.
MODEL
H.F. 728.

Ebony Black and Chromium-plated. Complete with Push and Flex.

Each

ZH302/3706	12 volt	50
ZH304/3708	6 "	50-

Lucas "MELLOTOKE"
ELECTRIC WIND
TONE HORNS

The sound is produced by the vibrations of the air column in the trumpet, just as in a concert instrument. It is very mellow and sweet sounding, reminiscent of the old post-horns of coaching days.

The horns are supplied in such pairs tuned to sound a harmonious chord, and they can give either a loud or soft signal. A special locking push enables the driver to choose whichever note is needed—loud for country, soft for town use. Complete with relay and base and dual position switch wired with 3-core cable.

ZH306/7809	6 volt	..	per pair	£5 5 0
ZH307/7809	12 volt	£5 5 0

"ALTETTE."

Lucas
HF 934.
MODEL H.F. 934.

Ebony Black and Chromium-plated. Complete with Push and Flex.

Each

ZH301/1609	12 volt	25
ZH302/1609	6 "	25-

"LUCAS" TWIN TUNED HORNS WITH BLENDED TONES
Lucas
HF 728.**MODEL HF 728.**
"NEW ALTO DE LUXE."

Black with Chromium-plated parts. Complete with Push and Flex.

Each Horn.

ZH3318/3706	12 volt	£2 10 0
ZH3318/3706	6 "	£2 10 0
Chromium plated.		
ZH3320/4103	12 volt	£2 15 0
ZH3320/4103	6 "	£2 15 0

The note of these Horns is particularly musical and distinctive.

If required, a heightened single horn can be supplied to match a standard model already fitted to the car. Modernizes and allows artistic grouping of the accessories.

Lucas
HF 722.
TWIN BLENDED
TONE HORN.**MODEL HF 722. "NEW ALTO."**

Black with Chromium-plated parts. Complete with Push and Flex.

ZH326/2603	12 volt	Each Horn 35-
ZH327/2609	6 "	- 35-

EAST LONDON RUBBER CO. LTD.

AS
LINE
PARIS



LUCAS



INCHES





Horns

LIGHTWEIGHT MOTOR-CYCLE HORN.
Length overall, 11 $\frac{1}{2}$ ". Nut, 12". Two pieces and
one screw. Price, 12s. 6d. per P.



STEWART MECHANICAL HORN.

12s. 6d.	12s. 6d.	12s. 6d.	12s. 6d.
12s. 6d.	12s. 6d.	12s. 6d.	12s. 6d.
12s. 6d.	12s. 6d.	12s. 6d.	12s. 6d.



DOVEY MECHANICAL HORN.
Typical car model. Brass Mount
Price, 12s. 6d.



BENTLEY MOTOR-CYCLE HORN.
Double Tone. With True Cap. Black Brass.



STEWART ELECTRIC CAR HORN.
Mains driven. Black brass body.

12s. 6d.	12s. 6d.	12s. 6d.	12s. 6d.
12s. 6d.	12s. 6d.	12s. 6d.	12s. 6d.



DOVEY MECHANICAL HORN.
Black brass motor-cycles model. Brass Mount
Price, 12s. 6d.



HORNBY & BENTLEY TYPE 1200 CAR HORN.
Double Tone. Brass. With 12" Brass Pipe.
Price, 12s. 6d.



STEWART ELECTRIC CAR HORN.
Mains driven.

Length overall 10 $\frac{1}{2}$ ". Black Brass.

Price, 12s. 6d. 4 vol. per set 22s.

12s. 6d. 12s. 6d. 12s. 6d.



HORNBY & BENTLEY
TYPE 1200 MOTOR-CYCLE HORN.
Length overall, 10 $\frac{1}{2}$ ". Brass Mount.



SEA-KNIGHTSTONE MOTOR-CYCLE HORN. TYPE 1200 S.
Brass Mount. Brass. with cap for mounted
Length of body, 10 $\frac{1}{2}$ ". Brass Mount.

Special types of these
without safety head.

12s. 6d. 12s. 6d.

12s. 6d. 12s. 6d.

- 12s. 6d. -







31 32 33 34 35 36 37 38 39 40 41 42 43



1 2 3 4 5 6 7 8 9 10 11
CENTIMETERS





W.M.
100







UNITED STATES
NATIONAL RULER









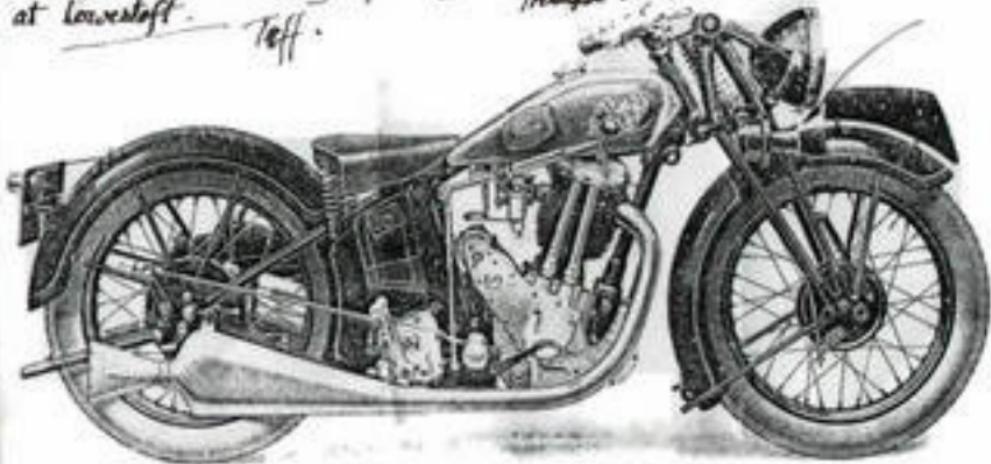






DOPHONS

Made at the Waveney factory Austin 7's as standard
at Lowestoft. Teff.



Triumph "Silent Scout" 4.93 h.p. O.H.V. Model B

ENGINE: 4.93 h.p. inclined single cylinder, 84 x 89 mm. bore and stroke, capacity 493 c.c., detachable 2-port hemispherical head, engine torque member, horizontal framing, overhead valves, enclosed roller bearing rockers. Dry sump lubrication, adjustable force feed to roller bearing big end and silent harmonic cam gears. Combined crankcase and finned oil reservoir, integral double-acting rotary supply and scavenger pump complete in bronze housing with hard steel plunger and enveloping worm drive, oil filter, oil feed indicator, visible oil return device, convenient filler cap and dipstick reservoir gauge. The remaining specification is the same as that of the 5.49 h.p. Model A with the following exceptions:— Two exhaust pipes and silencers. Standard gear ratios: Solo, 4.73, 6.42, 9.60, 14.73. Combination, 5.18, 7.03, 10.51, 16.13 (Close gear ratios can be supplied if required).

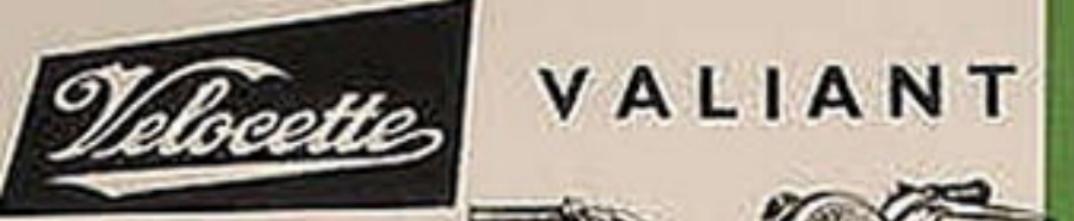
PRICE (for Great Britain and Northern Ireland) Model B.£ (Code word - 1068U) without lamps or horn £50.0.0
or £17.10.2 down and 12 monthly payments of £3.88.3 or £12.10.7 down and 18 monthly payments of £2.17.10

EXTRAS as for 5.49 h.p. Model A









A new conception of high performance economy lightweight
with a specification Alberto unobtainable in a machine of this class.
Reasonable first cost, inexpensive to run. Good looking too—
and more—exciting performance to match. Ideal for long journeys.













