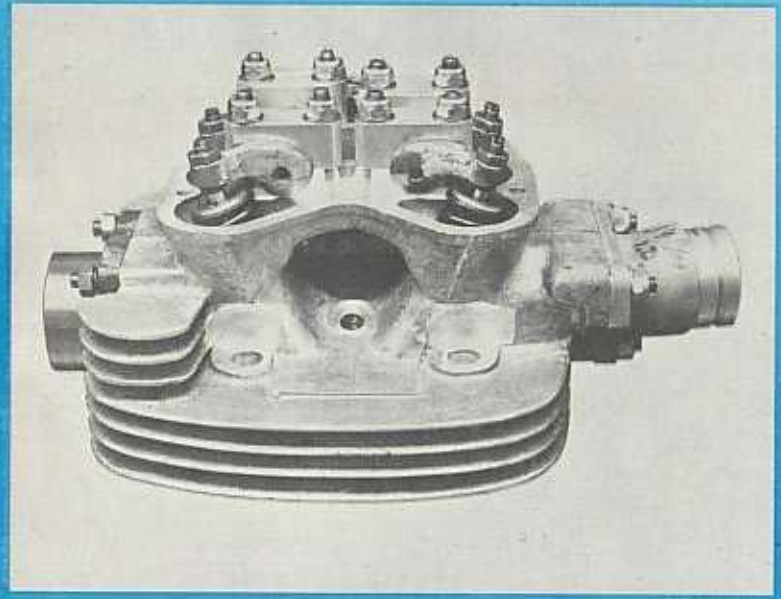
MOTO-CROSSER

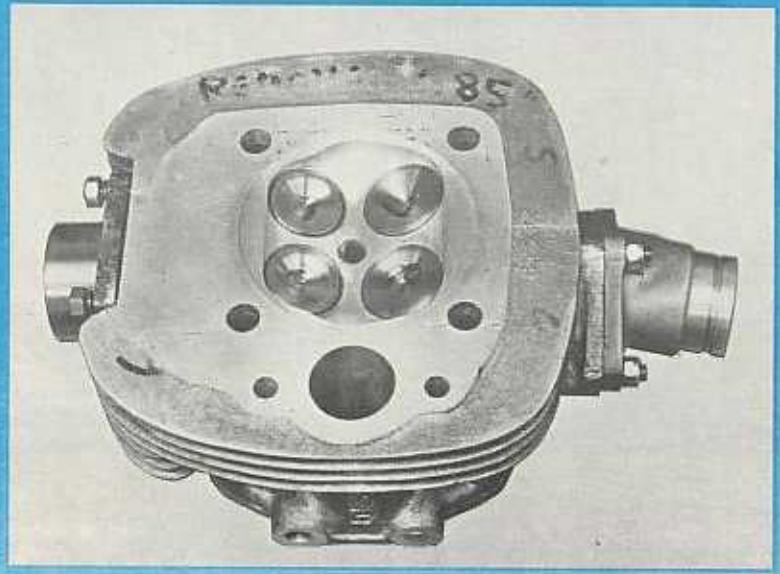
JUBILEE WORKS,
VALE ST.,
BOLTON BL2 6QF
ENGLAND

LIGHT
USING SOPHISTICATED AIRCRAFT QUALITY MATERIALS
and powered by a
498 CC
FOUR VALVE
MOTOR GIVING
50 BHP AT 7000 r.p.m.

NOTE THESE FEATURES:

- Every bike hand-built — and the quality shows.
- Built in Britain by craftsmen with a long background of moto-cross experience. Only the finest materials with highest strength weight ratio are used.
- CCM magnesium gas/spring front forks with Ohlin reservoired gas units at the rear.
- Chrome frame in Reynolds 531 tubing developed for strength and lightness from CCM moto-cross technology.
- Taper roller steering head and needle roller swing arm for precise control.
- Magnet trigger electronic ignition. New generator.
- Gold Akront motocross rims for maximum wheel life.
- Development — ridden by Bob Wright & John Banks in Grande Prix national championships — and the lessons learned built into the production line.





TECHNICAL DATA	500 4 valve JAN. '79.
Motor:	Single cylinder 4 stroke unit construction 50bhp @ 7000
Capacity:	84mm x 90mm = 498cc.
Comp. ratio:	11:1
Carburettor:	Amal 34mm
Ignition:	Generator Electronic 32° advance magnet trigger
Clutch:	5 plate wet, cush drive
Suspension	Front : CCM 11.5" Magnesium Rear : Ohlin Pressurised. 11"
Frame:	Reynolds 531 Argon and bronze welded, needle roller swing arm. Taper roller steering.
Wheels:	Gold Akront shoulderless with 6" brakes
Tyres:	3.25 x 21 and 500 x 18 Dunlop Moto Cross
Wheelbase:	59"
Weight:	236lbs. (105Kg.)
Oil in Frame:	5 pints Castrol R40.
Gearbox:	½ pint 90 E.P.
Clutch:	¼ pint R40 self leveling.

CCM BRITAIN

JUBILEE WORKS, VALE ST., BOLTON BL2 6QF ENGLAND

TELEPHONE 0204 385185 TELEX 635109 CHAMCOM BOLTON (Prefix messages CCM)

1979 500cc 4 VALVE SPECIFICATION.

MOTOR.

Capacity. 498cc (84 x 90).
Comp. ratio. 11 - 1
Power output. 45 bhp @ 7000rpm.
4 ohv cylinder head with choice of camshafts and lightweight piston.

Electronic ignition with magnet trigger and powered by lightweight generator. Choice of 3 or 4 speed ratios.

CHASSIS (GENERAL).

Re-designed frame, fuel tank, seat and front forks. Ohlin rear dampers fitted as standard. Newly styled front and side no. plates. Angles, wheelbase and suspension as our 1978 works bikes.

DETAILS

FRAME

Constructed entirely in Reynolds 531 fine gauge tubing, T.I.G. and bronze welded for maximum torsional strength with no concession to convenience.

FRONT FORKS.

Longer stanchions in heat treated Reynolds 531 tubing give over 11½" of movement controlled by air and spring pressure. Re-designed sliders in Elektron ensure oil tightness with minimum unsprung weight. Yokes are also made in Elektron to ensure maximum strength/weight ratio consistent with precise steering.

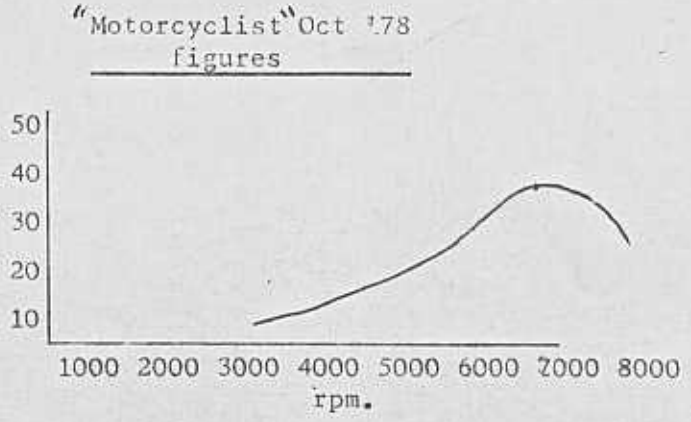
WHEELS.

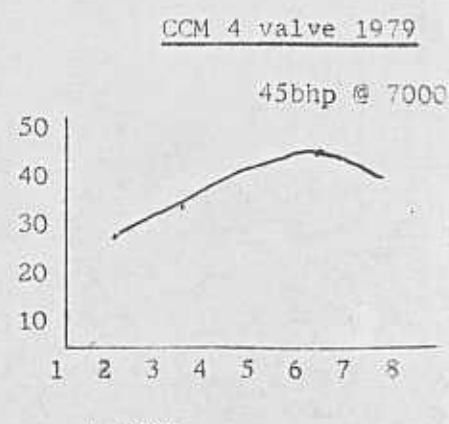
All castings are made from elektron alloy, over one third less specific weight than aluminium.

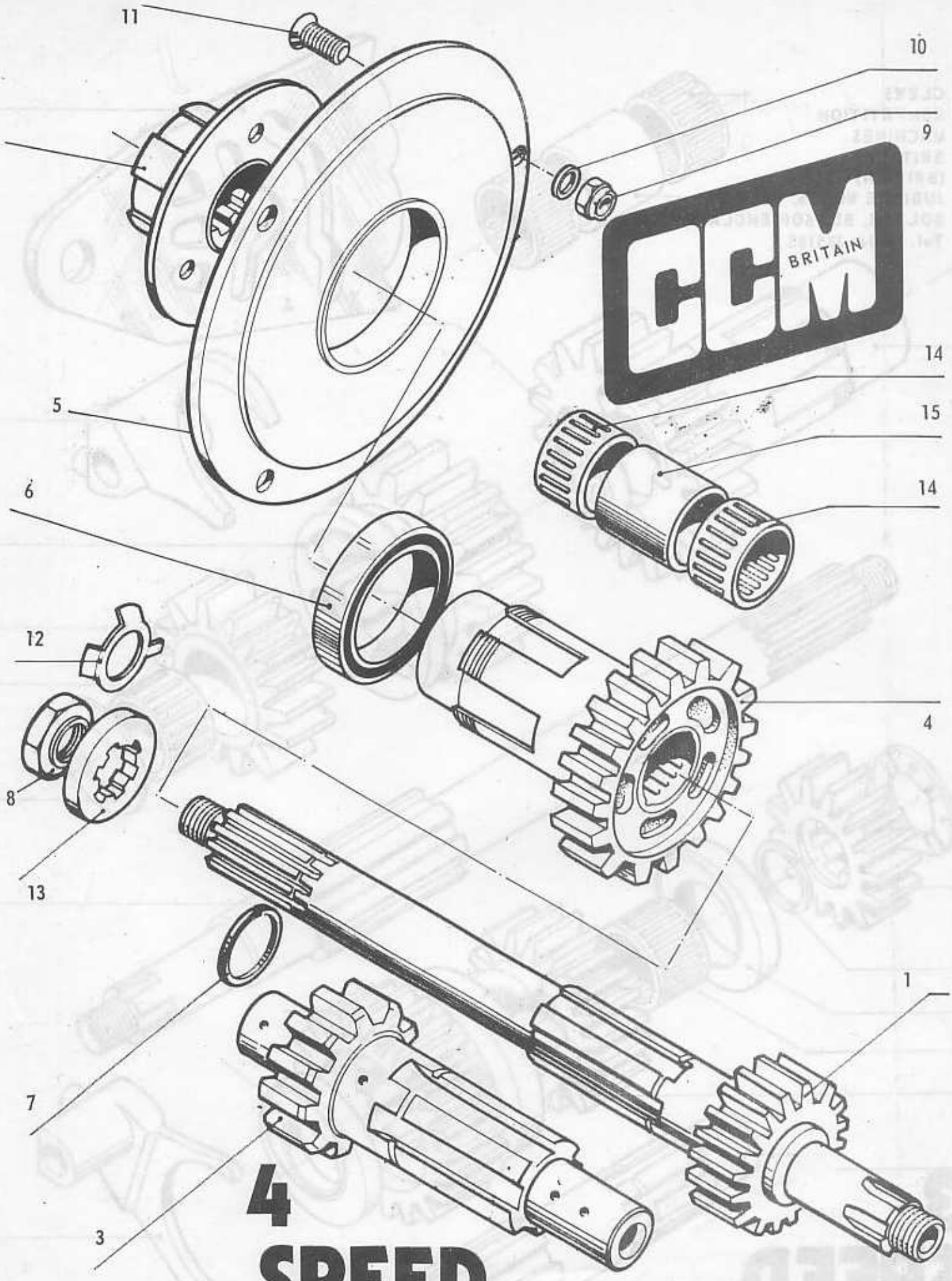
SEAT.

Moulded foam rubber and extended forward for maximum weight transfer.

Typical power curves of high performance Two strokes.





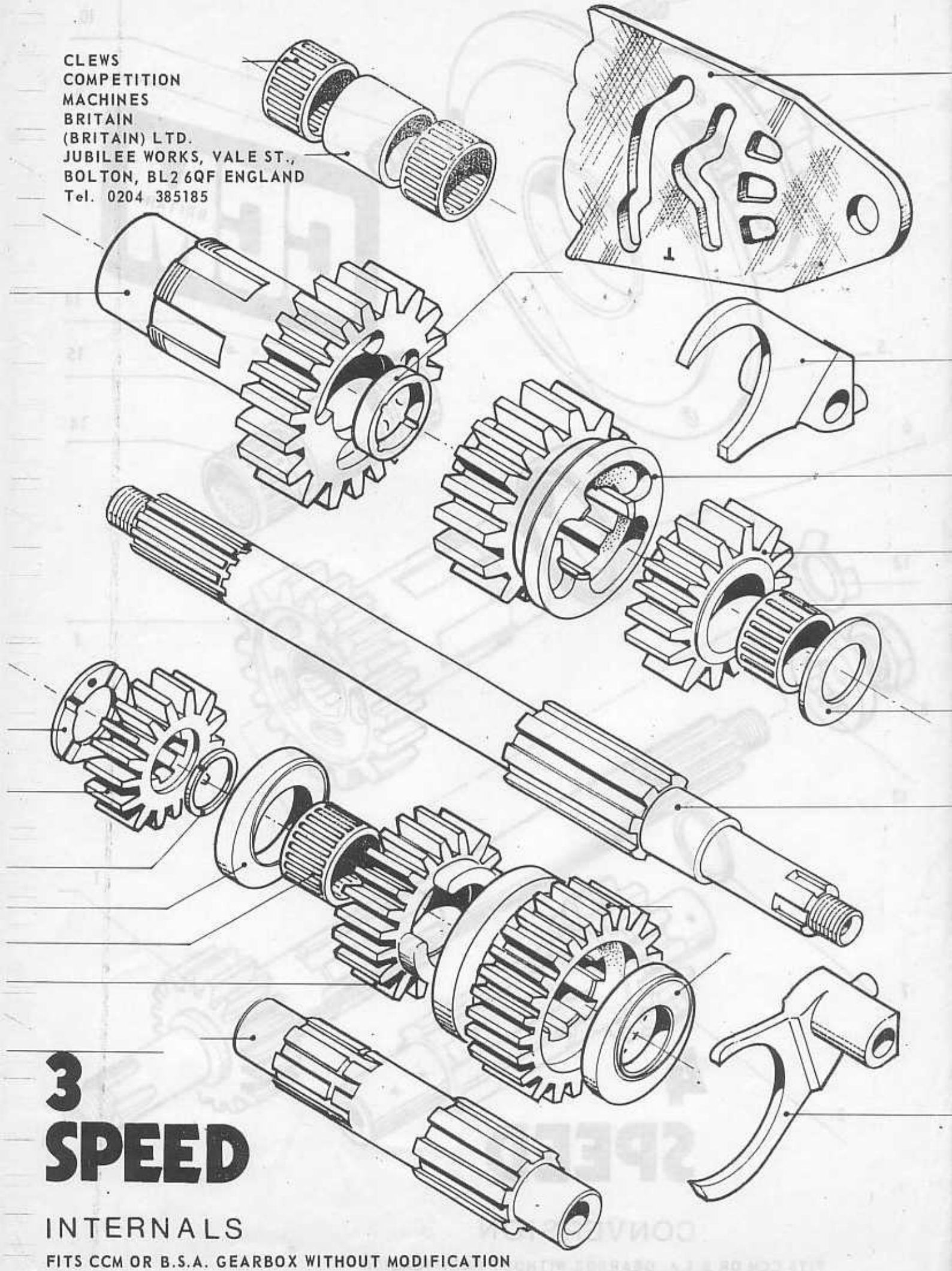


4 SPEED

CONVERSION

FITS CCM OR B.S.A. GEARBOX WITHOUT MODIFICATION

CLEWS
COMPETITION
MACHINES
BRITAIN
(BRITAIN) LTD.
JUBILEE WORKS, VALE ST.,
BOLTON, BL2 6QF ENGLAND
Tel. 0204 385185



3 SPEED

INTERNALS

FITS CCM OR B.S.A. GEARBOX WITHOUT MODIFICATION