THE 250 c.c. COTTON 'TELSTAR'
SHORT CIRCUIT ROAD RACER

Specification overleaf
Specification on 250c.c. Cotton 'Telstar' Short Circuit Road Racer


FRAME. Jig built. Top portion, strongly constructed in 'A' quality Cold Drawn Tubing, $1\frac{1}{8} \times 14$G. The Duplex cradle, $\frac{5}{8} \times 14$G. Cold Drawn 'A' quality. All butt jointed and Bronze welded.

S/ARM. $1\frac{1}{8} \times 14$G. 'A' quality Cold Drawn Tubing, hinged on widely separated bearings of Steel or Bronze bushes, also being anchored on the outside to gusset plates, welded to the outer down tubes of the Duplex frame.

WHEELS, FRONT. 6" brake, full width cast Alloy Hub, with floating side-plate, Air Scoops, with racing linings. W.M. 1, 19" Alloy Rim fitted with $300 \times 19$ Racing ribbed tyre. Cable operated.

REAR. 6" brake, full width Alloy Hub, with racing linings. Cush Drive sprocket. W.M. 2 $\times 19$ Alloy Rim. $325 \times 19$ Racing tyre. Rod operated.

TACHOMETER. Smith, cable operated.

MUDGUARDS. Small guard on front, splash section only on rear.

FAIRING. Complete racing streamlined Fairing.

FORKS. Armstrong Leading Link Suspension, fitted with special oil damped Units. A stabilizer Loop is fitted joining leading links together.

REAR SUSPENSION. Special Armstrong racing Units.

HANDLEBARS. Chrome clip-on, clamped below the Headstock to the Fork stanchions.

LEVERS. Chrome plated. Ball ended with Cable adjusters. Quick-Action Twist grip and Dummy rubber.

FOOTRESTS. Special road racing footrests, mounted on two carriers located behind the two rear down tubes.

EXHAUST SYSTEM. Specially designed Expansion Chamber for Road racing only.

REAR CHAIN. $\frac{1}{2} \times 305$. 127 Pitches. (Length varies with Sprocket sizes).

SPROCKETS. Engine 20T. Clutch 43T. Final Drive Gear Box 18T. Rear Wheel, 42T, 44T, 46T, 48T, 50T, 52T.

RACING SEAT. Specially designed with Fibre Glass pan, padded with Sorbo, vinylde covered, to suit lay-out of frame.

PETROL TANK. Fibre Glass, rubber mounted, Italian style, $2\frac{1}{2}$ gal. capacity, with snap Filler Cap.

GEARBOX GEAR RATIO. 1-1 Top. 11.2 3rd. 1.45 2nd. 2.21 1st.

OVERALL RATIOS, WITH 44T SPROCKET. 5.23 Top. 5.76 3rd. 7.60 2nd. 11.55 1st.

COLOUR. Red and Black.