

Technical Data

	500 Twin	350 Bullet	Model J.2	Model G	Model R.E.
Bore and Stroke, mm. ...	64 × 77	70 × 90	84 × 90	70 × 90	53.79 × 55
Compression Ratio ...	6½ to 1	6½ to 1	5½ to 1	6 to 1	5½ to 1
Gear Ratios ...	5, 6.5, 9, 13.9, to 1	5.67, 7.37, 10.2, 15.8, to 1	5.1, 6.6, 9.2, 14.2, to 1	5.6, 7.3, 10.1, 15.6, to 1	7.55, 12.3, 22.1 to 1
Petrol Tank Capacity, Imp. gals.	3½ gallons (15 litres)	3½ gallons (15 litres)	2¾ gallons (12½ litres)	2¾ gallons (12½ litres)	1¾ gallons (8 litres)
Oil Tank Capacity ...	4 pints	4 pints	4 pints	4 pints	—
Approximate Maximum Speed	85-90 m.p.h.	75-80 m.p.h.	80-85 m.p.h.	70-75 m.p.h.	45-50 m.p.h.
Approximate Petrol Consumption...	65-70 m.p.g.	75-80 m.p.g.	70-75 m.p.g.	75-80 m.p.g.	120-150 m.p.g.
Weight, lbs. ...	390	350	395	370	140

All Royal Enfield Motor Cycles are sold by our Dealers subject to the limited Guarantee adopted by the British Cycle and Motor Cycle Manufacturers and Traders Union Ltd. Shortage of space prevents this being printed in full in this list, but a copy will be sent on application.

THE ENFIELD CYCLE CO. LTD. REDDITCH . ENGLAND

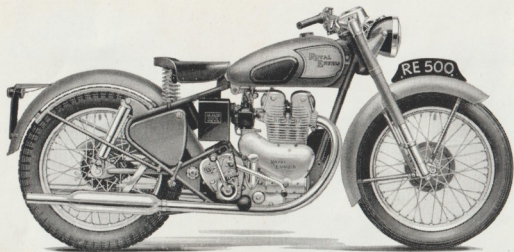
The machines illustrated and described in this folder are sold subject to the Conditions of Sale and Guarantee printed in our Motor Cycle Catalogue.

180/50M/10/51

Printed in England by Hudson & Son Limited

Royal Enfield Motorcycles

• BY MILES THE BEST!



500 TWIN 496 c.c. O.H.V. Spring Frame

496 c.c. twin-cylinder o.h.v. engine with light alloy cylinder heads and connecting rods. Amal carburettor fitted with air filter. Four-speed foot-controlled gearbox incorporating positive neutral finder. Primary drive by ¾ in. pitch duplex chain totally enclosed and running in oil, final drive by ¾ in. pitch chain. Lighting and ignition by Lucas 6-volt, 75-watt dyno-distributor with 30-watt headlamp, automatic voltage control and coil ignition. Automatic control of advance and retard mechanism gives optimum ignition at all speeds. The welded frame incorporates the famous ROYAL ENFIELD hydraulically damped swinging arm rear suspension. Telescopic forks. 3.25 × 19 in. Dunlop ribbed front tyre and 3.50 × 19 in. Dunlop Universal rear.

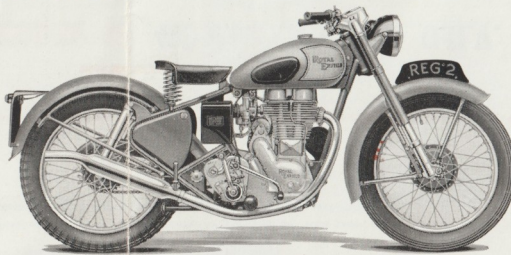
Finished in lustrous silver grey polychromatic enamel with polished crankcase, timing cover, primary chain cover and fascia panel, bright parts chromium plated. Fitted with Smith's 120 m.p.h. chronometric speedometer.

350 BULLET 346 c.c. O.H.V. Spring Frame

346 c.c. single-cylinder o.h.v. engine. Light alloy cylinder head. Amal carburettor fitted with air filter. Four-speed foot-controlled gearbox incorporating positive neutral finder. Primary drive by ¾ in. pitch duplex chain totally enclosed and running in oil, and final drive by ¾ in. pitch chain. Lighting and ignition by Lucas Magdyno including 30-watt headlamp. The welded frame incorporates the famous ROYAL ENFIELD hydraulically-damped swinging arm rear suspension. Telescopic forks. 3.25 × 19 in. Dunlop ribbed front tyre and 3.25 × 19 in. Dunlop Universal rear.

Finished in lustrous silver grey polychromatic enamel with polished crankcase, timing cover, primary chain cover, bright parts chromium plated. Fitted with Smith's 80 m.p.h. chronometric speedometer.

The "350 Bullet" is also available to Trials Specification of which details are given in our catalogue.



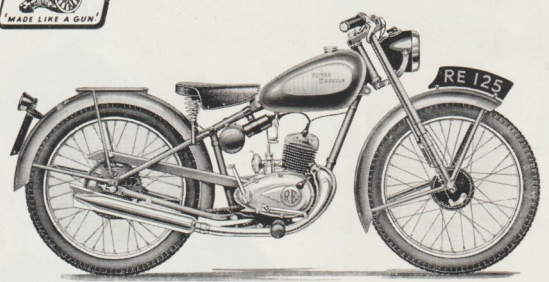
Royal Enfield

Spring
Frame
Models

THE ROYAL ENFIELD
SCIENTIFICALLY CORRECT
"SWINGING ARM" PRINCIPLE

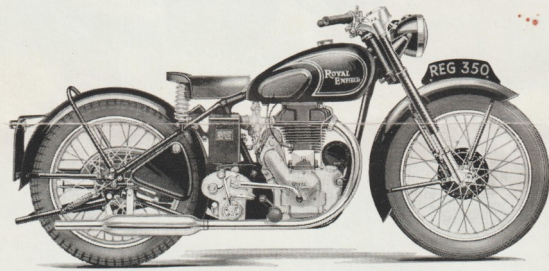
THE SPRING FRAME THAT IRONS
OUT THE ROUGHEST TRACK TO
BILLIARD TABLE SMOOTHNESS

ROYAL ENFIELD MOTORCYCLES • FREEDOM AT YOUR FINGERTIPS!



**MOD1 125 c.c. two-stroke—
The Prince of Lightweights**

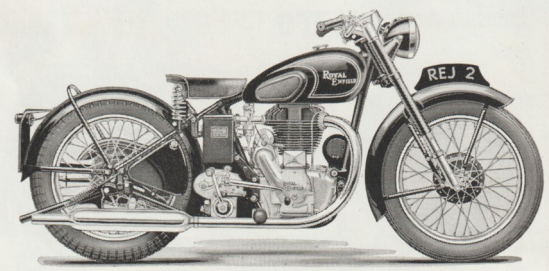
Unit-constructed engine and three-speed foot operated gear. Amal carburettor fitted with primary drive running in oil and completely enclosed in streamlined unit. 24-watt headlamp. Telescopic front forks. 2-75 x 19 in. Dunlop tyres. New powerful 5 in. brakes. Finished in grey enamel with polished crankcase, bright parts chromium plated. Fitted with Lightweight chronometric speedometer and bulb horn.



MOD1 346 c.c. O.H.V.

346 c.c. single-cylinder overhead valve engine. Amal carburettor fitted with air filter. Four-speed gearbox incorporating positive neutral finder. Primary drive by 1/2 in. pitch chain. Telescopic front forks. 3-25 x 19 in. Dunlop tyres, ribbed front and Universal rear. Lighting and ignition by Lucas Magdyno incorporating 30-watt headlamp. Finished in grey enamel with polished chain case and fascia panel, bright parts chromium plated. Fitted with 80 m.p.h. chronometric speedometer.

**Royal
Enfield
Motorcycles**



MOD1 499 c.c. Twin-Port O.H.V.

499 c.c. single-cylinder overhead valve engine. Amal carburettor fitted with air filter. Four-speed gearbox incorporating positive neutral finder. Primary drive by 1/2 in. pitch chain. Telescopic front forks. 3-25 x 19 in. Dunlop tyres, ribbed front and Universal rear. Lighting and ignition by Lucas Magdyno incorporating 30-watt headlamp. Finished in grey enamel with polished crankcase, fascia panel, bright parts chromium plated. Fitted with 80 m.p.h. chronometric speedometer. Sidecar fitting available at extra charge with special gears and forks incorporating steering.

