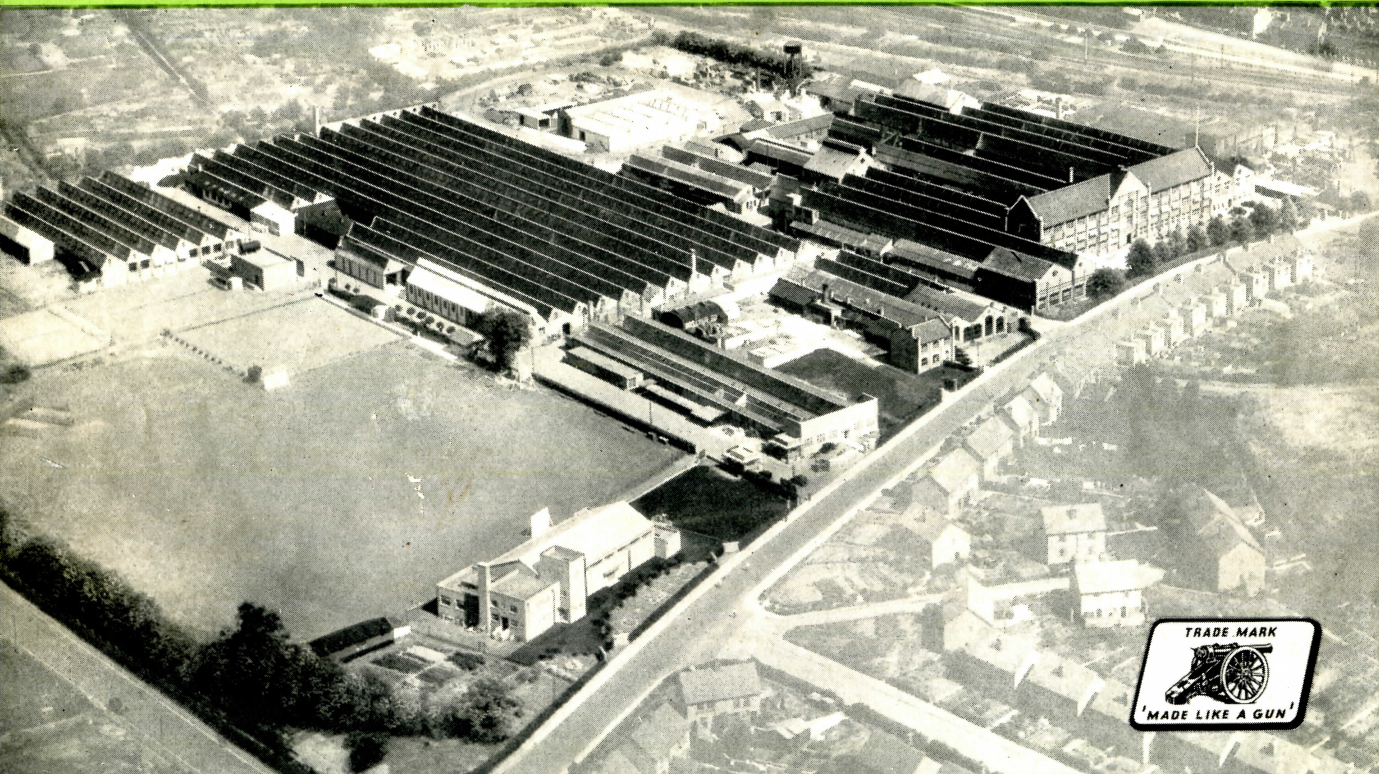


The Background to a World Famous Name



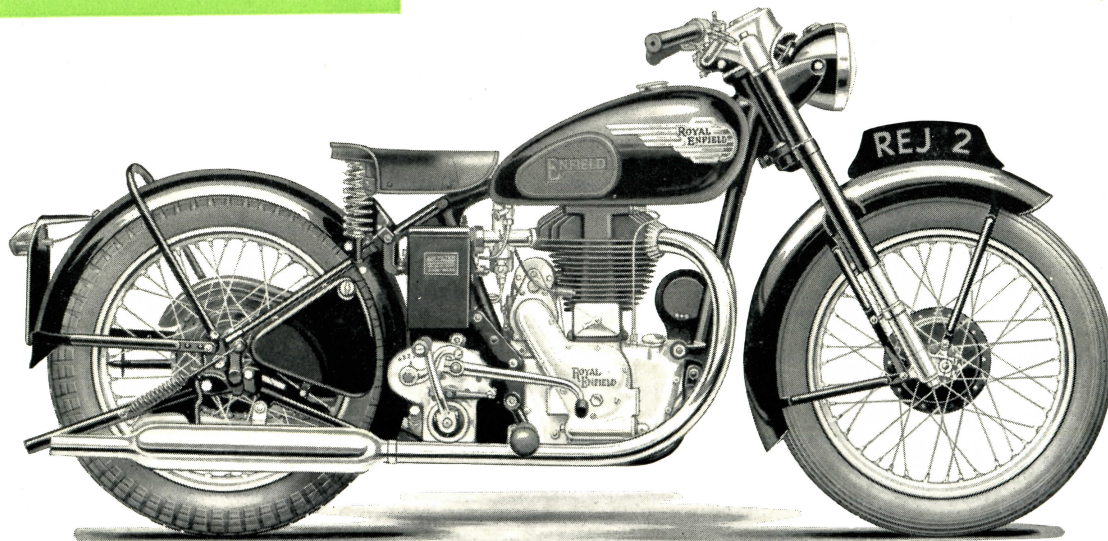
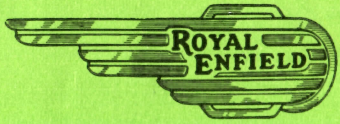
All Royal Enfield Motor Cycles are sold by our Dealers subject to the limited Guarantee adopted by the British Cycle and Motor Cycle Manufacturers and Traders Union Ltd. Shortage of space prevents it being printed in full in this leaflet, but a copy will be sent on application. Specifications in this publication are subject to alteration at any time without notice.

THE ENFIELD CYCLE CO. LTD.

Head Office and Works: **REDDITCH, ENGLAND**

*Grams: "Cycles, Phone, Redditch"

*Phone: Redditch 121 (8 lines)



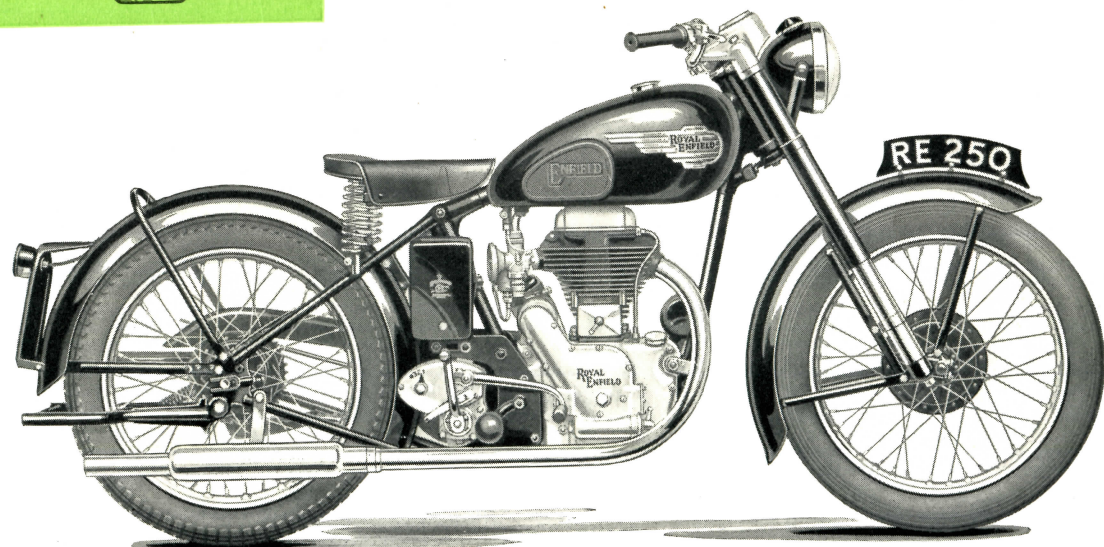
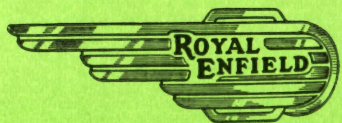
499 c.c. O.H.V.

Model "J2"

Royal Enfield

Engine : 499 c.c. o.h.v. twin-port single cylinder. Light alloy connecting rod. Dry sump lubrication incorporating large-capacity oil filter. **Frame and Forks :** Robust brazed frame of chrome molybdenum tubing. Self-lubricating hydraulically damped telescopic forks incorporating fascia panel. **Transmission :** 4-speed foot-operated gearbox with positive neutral finder. Multi-plate clutch. Primary drive by $\frac{1}{2}$ -in. pitch chain enclosed in oil-bath case. Final drive $\frac{3}{8}$ -in. pitch chain. **Carburettor :** Amal carburettor fitted with oil-wetted air filter. **Wheels :** Patented cush drive incorporated in rear hub eliminates all transmission shocks. Dunlop 3-25-in. ribbed front, and 3-50-in. studded rear tyres. Powerful internal expanding hub brakes. **Electrical Equipment :** Lucas 60-watt output magdyno. Automatic voltage control. Electric horn. **Equipment :** Smith's chronometric illuminated speedometer. Rear stand, prop stand. Pillion footrests. Inflator and tool kit. **Finish :** Durable black enamel. Bright parts heavily chromium plated or polished aluminium. Attractive metal tank motif of modern design.

For sidecar use a front fork with reduced trail, stronger springs and a steering damper is fitted. For sidecar gear ratios, see Technical Data. When ordering please specify whether machine is intended for Solo or Sidecar use.



248 c.c. O.H.V.

Model "S"

Royal Enfield

Engine: 248 c.c. o.h.v. single cylinder. Dry sump lubrication incorporating large capacity oil filter. **Frame and Forks:** Robust brazed frame of chrome molybdenum tubing. Self-lubricating hydraulically damped telescopic forks with aluminium fascia panel. **Transmission:** 4-speed foot-operated gearbox. Multi-plate clutch. Primary drive by $\frac{3}{8}$ -in. pitch chain running in oil. Final drive by $\frac{3}{8}$ -in. pitch. **Carburettor:** Amal carburettor with air cleaner. **Wheels:** Dunlop 3-00-19-in. ribbed front tyre. Dunlop 3-00-19-in. Universal rear tyre. The rear hub incorporates the Enfield patented cush drive which absorbs all transmission shocks. Powerful internal expanding hub brakes. **Electrical Equipment:** Miller 6-volt 45-watt output generator with automatic voltage control. Coil ignition. **Equipment:** Smith's chronometric illuminated speedometer, inflator and tool kit. **Finish:** Durable black enamel. Bright parts heavily chromium plated. Attractive tank motif of modern design.

FOR nearly half a century ROYAL ENFIELD Motor Cycles have been renowned for their advanced design, superlative performance and outstanding reliability.

The 1954 range of models worthily upholds this proud tradition and includes machines which will fulfil the requirements of every type of rider under all conditions.

ROYAL ENFIELD Motor Cycles are the product of careful research and development by experts and are manufactured by skilled craftsmen by modern precision methods in one of the world's best-equipped motor cycle factories.

ROYAL ENFIELD Motor Cycles are distributed through a world-wide dealer organisation, which has been carefully selected to ensure exemplary after-sales service and maintenance. Do not hesitate to consult your local ROYAL ENFIELD Dealer, who will be only too pleased to place the benefit of his knowledge and experience at your disposal in selecting the model best suited to your individual requirements.

TECHNICAL DATA

	Model "G"	Model "J2"	Model "S"
Bore and Stroke (m.m.)	70×90	84×90	64×77
Cubic Capacity (c.c.) ...	346	499	248
Compression Ratio ...	6 to 1	5½ to 1	6½ to 1
Gear Ratios (Solo) ...	5.6 7.3 10.1 15.6 : 1	5.1 6.6 9.2 14.2 : 1	6.25 8.45 13.1 18.5 : 1
Gear Ratios (Sidecar) ...	—	5.95 7.7 10.7 16.6 : 1	—
Petrol Tank Capacity (Imp. Gals.) ...	2¼ (12½ litres)	2¼ (12½ litres)	2¼ (12½ litres)
Oil Tank Capacity (Pints)	4	4	4
Approx. Maximum Speed (m.p.h.) ...	70-75	80-85	60-65
Approx. Petrol Consumption (m.p.g.) ...	75-80	70-75	95-100
Weight (lbs.) ...	370	395	336
Wheelbase (inches) ...	53½	54½	53½
Saddle Height (inches) ...	29	28½	29
Ground Clearance (inches)	5¼	4¾	5¼
Overall Width (inches)	28	28	28

