

The New

Royal Enfield



METEOR  
MINOR

COMPACT-  
POWER-PACKED

# featuring

**new  
short-stroke  
over-square  
30 bhp  
engine**

**17" wheels - giving  
a low riding position  
for added safety**

**OPTIONAL TWO TONE FINISHES**

Following the modern style of the "CRUSADER" 250, the "METEOR MINOR" incorporates all the most up-to-date features of design, giving a sleek looking machine which has tremendous performance with uncanny ease of handling and stability

**STANDARD AND DE-LUXE VERSIONS**

**full width  
aluminium  
alloy hubs**

**Totally enclosed rear  
chain and quickly  
detachable rear wheel**

*- such performance has never before been so easy to handle -*

# Technical Data

# METEOR MINOR



Bore and Stroke (mm.) ... ..	70 x 64.5	Approx. Maximum Speed ... ..	90—95
Cubic Capacity (c.c.) ... ..	496	Weight (lbs.) .. ...	388
Compression Ratio ... ..	8 : 1	Approx. Petrol Consumption (m.p.g.) .. ...	70—75
Max. B.H.P. and R.P.M. ... ..	30 at 6,250	Wheelbase (inches) ... ..	53
Gear Ratios—Solo ... ..	4.67	Brake diameter and width (inches)	7 x 1½
	6.08		
	8.42	Rear ... ..	7 x 1
	13.00	Seat Height (inches) ... ..	29
Petrol Tank Capacity (Imp. Gals.)...	3	Ground Clearance (inches) ... ..	5½
Oil Tank Capacity (pints) ... ..	4	Overall width (inches) ... ..	26

## GUARANTEE

All Royal Enfield Motor Cycles are sold by our Dealers subject to the limited Guarantee adopted by the British Cycle and Motor Cycle Industries Association 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)

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17" wheels — giving a low riding safety position for added safety

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# Featuring

# Royal Enfield

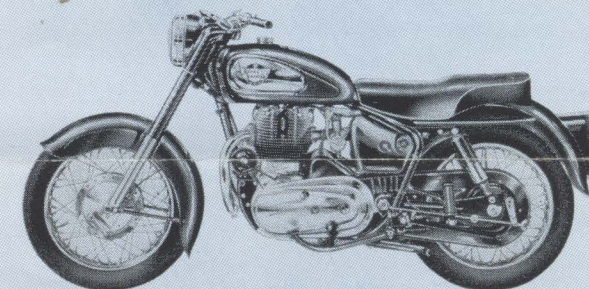
*pioneers of*

**MODERN**

**MOTORCYCLING**

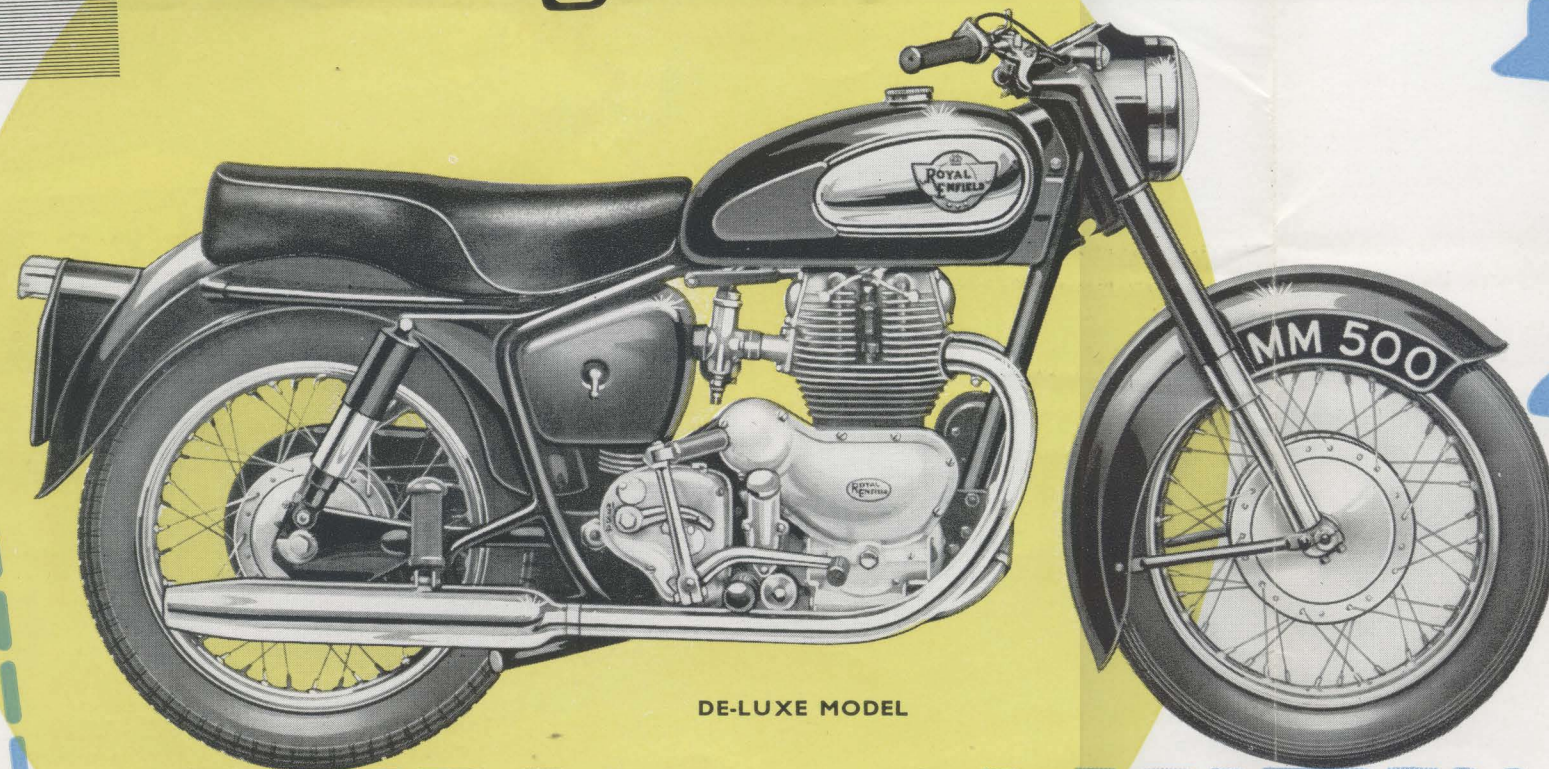
*go ahead again*

*with the*



# METEOR MINOR!

500 C.C. TWIN



DE-LUXE MODEL

## SPECIFICATION

### ENGINE (Standard and De Luxe).

496 c.c. Short-Stroke O.H.V. high efficiency twin cylinder, separate cylinder barrels, light alloy cylinder heads with large diameter valves. Compression ratio 8 : 1. Light alloy connecting rods with shell big end bearings, running on a one-piece nodular iron crankshaft, which is carried in large diameter ball and roller bearings. Chain driven high level camshafts with new form cams. Dry-sump lubrication with large oil circulation and capacious oil filter incorporated in system. The engine develops 30 b.h.p. at 6,250 r.p.m., giving the machine a maximum speed of approximately 90-95 m.p.h.

### FRAME AND FORKS (Standard and De Luxe).

The frame and forks are of the type first used on the 'CRUSADER' and in conjunction with the 17" diameter wheels give a low seating position and a degree of stability and "handleability" which is almost revolutionary. The frame has swinging arm type rear suspension and is constructed throughout of chrome molybdenum tubing. The front forks have hydraulically damped movement, and are automatically lubricated. The headlamp, speedometer and twin sidelamps are housed in a cast aluminium casquette.

### STANDARD MODEL

#### TRANSMISSION (Standard).

Four-speed foot-operated gearbox with a positive neutral selector. Multi-plate clutch, primary drive by duplex chain totally enclosed and running in oil, final drive by  $\frac{3}{8}$ " chain.

#### CARBURETTOR (Standard).

Amal "Monobloc."

#### WHEELS (Standard).

The front wheel is fitted with a 6" front brake with full width alloy hub, and 3.25 x 17" Dunlop ribbed tyre. The rear wheel has a powerful 7" brake, and is fitted with a 3.25 x 17" studded Dunlop tyre. The hub also incorporates the well known ROYAL ENFIELD cush drive.

#### ELECTRICAL EQUIPMENT (Standard).

Lucas 6 volt, 70 watt output A.C. generator with rectifier. Coil ignition with automatic ignition control and emergency start switch position, electric horn, twin pilot lights.

#### GENERAL EQUIPMENT (Standard).

Illuminated speedometer, centre stand, Terry spring seat saddle, inflator and tool-kit. The battery and toolbox are housed in a styled "Compact."

#### FINISH (Standard).

Lustrous black enamel with bright parts heavy chromium plate.

### DE-LUXE MODEL

#### TRANSMISSION (De Luxe).

Four-speed foot-operated gearbox with a positive neutral selector. Multi-plate clutch, primary drive by duplex chain totally enclosed and running in oil. Final drive by  $\frac{3}{8}$ " chain, totally enclosed in handsome chaincase which ensures cleanliness and greatly increased chain life.

#### CARBURETTOR (De Luxe).

Amal "Monobloc" fitted with highly efficient fabric air filter.

#### WHEELS (De Luxe).

The front wheel is fitted with a new powerful 7" diameter front brake, a full width aluminium alloy hub and 3.25 x 17" Dunlop ribbed tyre. The quickly detachable rear wheel has a powerful 7" brake full width aluminium alloy hub and is fitted with 3.25 x 17" studded Dunlop tyre. The hub also incorporates the well-known ROYAL ENFIELD cush drive.

#### ELECTRICAL EQUIPMENT (De Luxe).

Lucas 6 volt, 70 watt output A.C. generator with rectifier. Coil ignition with automatic ignition control and emergency start switch position, electric horn, twin pilot lights and stop light.

#### GENERAL EQUIPMENT (De Luxe).

Illuminated speedometer, centre stand and prop stand, dual seat and pillion foot-rests, chromium plated tank panels, deeply valanced front mudguards, inflator and toolbox. The battery, toolbox and air cleaner are housed in a styled "Compact."

#### FINISH (De Luxe).

Lustrous black enamel with bright parts heavy chromium plate or polished aluminium. Optional two-tone finishes: Black/Polychromatic Burgundy, Black/Poly. Wedgwood Blue, Black/Poly. Silver Grey. When a machine is two-tone finished the front and rear mudguards, tank, compact side covers and rear chainguard are enamelled in the polychromatic finish, with the frame, front forks, etc., enamelled black.