

1951



ARIEL

*Always Ahead*

# ARIEL

THE WORLD'S FINEST RANGE OF MOTORCYCLES

## QUICKLY DETACHABLE REAR WHEEL

The changing of tyres has been greatly simplified with the new Ariel Detachable Wheel. Because the wheel and hub can be removed leaving intact the rear sprocket, chain and brake mechanism.

To remove wheel, loosen the nuts securing the side stays and forward brackets of Guard, remove the two securing nuts and wheel splits with special spacers provided, withdraw the spindle and disc from pivot and fit the rear plate.

The illustration shows the operation completed.



## The ARIEL patented SPRING FRAME

Some give their outstanding advantages. — A supple and comfortable for rider and passenger; improved road holding and BRAKING. Complete loading rigidity, only in vehicle. Complete load retention. In its total movement. Total enclosure of working parts. Reduced tyre wear.

When the Spring Frame is operating, the swinging arms in complete line with the sliding members allow the rear wheel to move but only go back down, but also in a semi-circular motion over the ground surface, with the result that throughout the whole range of movement the rear chain remains taut, constant and smooth in operation. In addition, the rear chain remains taut, especially when a sudden thrust is applied to the rear wheel. The supple and rigid swinging arms for the frame members. The load carrying springs are retained yet flexible and are designed for side, bottom or saddle use. Retained springs are also fixed which operate against the load carrying springs, giving a progressive action and supercharging control.



## TECHNICAL DATA

Model	Capacity	Max. Speed	Top Gear	Bottom Gear	Side Gear	Bottom Gear	Bottom Gear
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100
500 cc	100	100	100	100	100	100	100

ARIEL MOTORCYCLES LTD  
 100, GERRARD STREET EAST  
 LONDON, E.C. 4

**ARIEL** ARE  
MANUFACTURERS  
TWIN AND SINGLE

*PLUS*



**THE ONLY BRITISH  
OFFERING FOUR  
CYLINDER MODELS**

that friendly relationship between Rider, Dealer and Manufacturer which has been synonymous with ARIEL for over half a century. The unrivalled reputation for LEADERSHIP in design and manufacture which has made ARIEL "the World's most Exclusive Motor Cycles" will be further enhanced by the many exciting features of the ARIEL 1951 range illustrated and described in this brochure.

