



MOTORCYCLES

R 66 - 600 c. c. Sports/Sidecar Model

(30 Brake H. P.)

with telescopic front and rear suspension

The very successful sports solo, the R 5, was the basis out of which this powerful 600 c. c. for sporting or sidecar work was developed. It was a happy thought which led to the development of the R 5 into a machine which would give a vivid performance with a sidecar. This is the machine which will give you real riding pleasure under the severest of conditions.

Frame: Duplex cradle frame. Telescopic front- and rear-wheel springing. Adjustable rubber-top saddle. Graceful saddletank with quick action filler-cap, knee-grips, and enclosed tool-box. Quickly-detachable and interchangeable wheels with pull-out axles. Large internal-expanding brakes. Adjustable handlebars. Steering damper. Twist grip throttle control. Handlebar ignition control. 6-Volt 75-Watt Bosch lighting equipment and horn. Speedometer built into head-lamp. Thief-proof handlebar lock.

Engine: Horizontally-opposed twin-cylinder four-stroke engine developing 30 brake-horse power. Clean one-piece crankcase. Enclosed, but accessible, dynamo. Aluminium cylinder-heads with large cooling area. Enclosed valve mechanism. Overhead valves with hairpin springs. Ball-bearing crankshaft. Steel connecting-rod with roller-bearing big-end. Cam driven by pinion direct from crankshaft. Enclosed distributor and coil. Twin Amal carburettors with joint air-filter let into the gearbox housing. Single plate dry clutch.

Transmission: Four-speed sliding dog gear-box built in a unit with the engine. Built-in dust-tight positive-stop foot change lever with emergency hand lever. Combined hand and foot levers can be supplied at slight extra cost. Reliable, water-tight, shaft-drive to the rear-wheel with flexible universal joints and spiral cut gears.

See also the page "BMW Technical Data".



