



R50/5 R60/5 R75/5

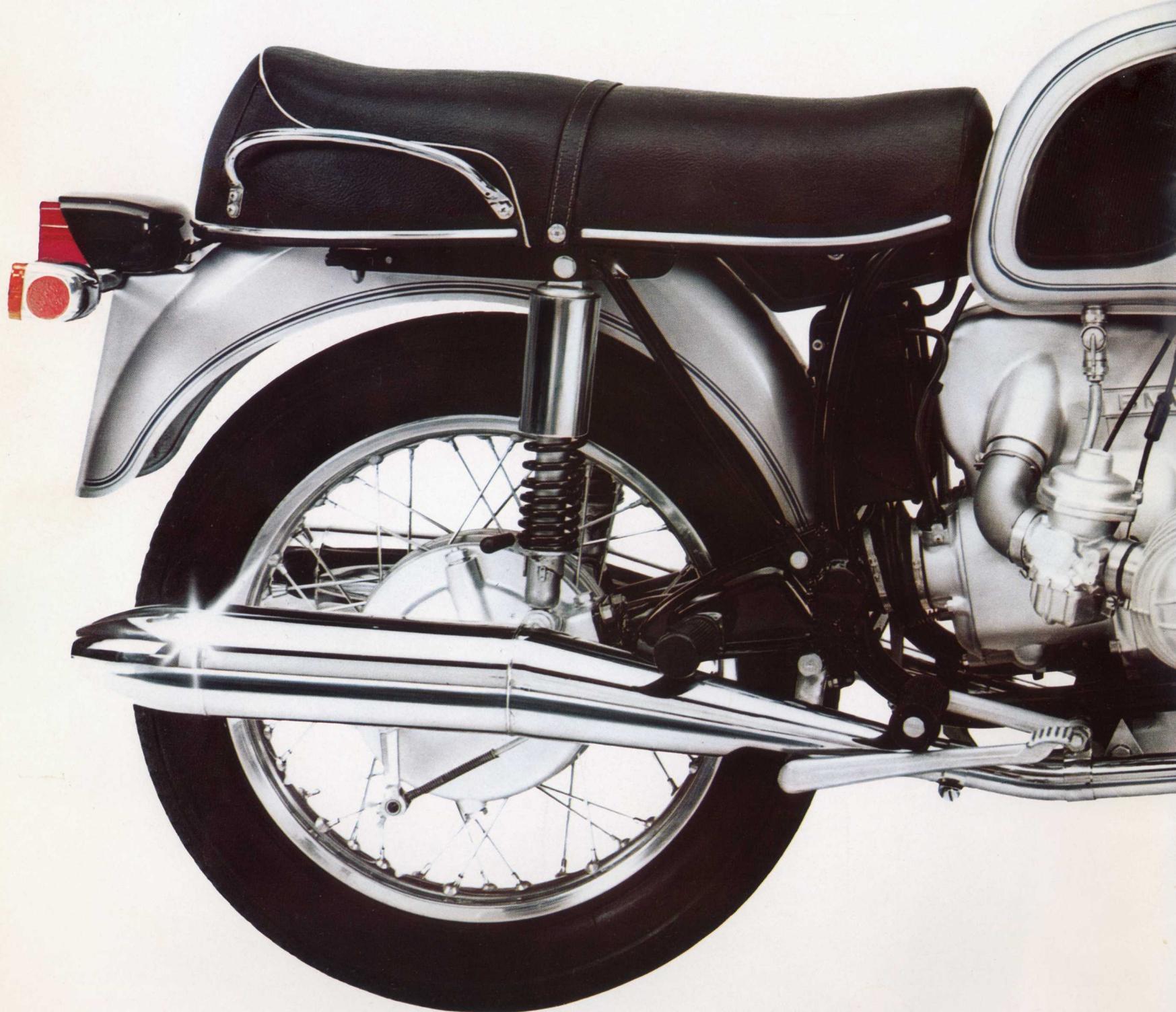


At the Bavarian Motor Works, we have always maintained a proud tradition: to build the finest machinery that man can produce to travel the roads, the seas, and the airways of the world. Since 1916, we have built aircraft engines, motorcycles, automobiles and marine engines to that uncompromising standard, and to that one alone.

This series of BMW motorcycles represents our latest achievement. Noth-

ing has been spared to make these machines the unchallenged leaders of the motorcycling world. Lighter, more manoeuvrable, and faster, yet even more powerful than their great ancestors, these motorcycles are superb examples of what it means to carry our white-and-blue insignia.

How good are they? Only BMW could build them.





BMW's renowned horizontal twin powers the finest, most advanced motorcycle in the world.

The engine is entirely new. Utilizing the Al-Fin process, a modern casting method unique in motorcycle construction, the aluminium housing is cast to the steel sleeves of the cylinders. This results in lower engine weight and optimum heat dissipation.

The high power output of this engine calls for a forged onepiece crankshaft. The camshaft is located below the crankshaft, to provide more efficient lubrication.

Concentric-float carburetors with conventional air slides are used on the R 50/5 and R 60/5. For the R 75/5, BING developed a vacuum-type carburetor, flexibly mounted to the cylinder head.

The variable cross-section, oval-tube frame, incorporating a detachable rear section, is very light and capable of taking enormous stress. The crossing of the tubes at the steering head provides extreme torsional rigidity while at the same time permitting the necessary flexibility in the vertical plane. The single tube underneath the gas tank allows a shallow tank tunnel which makes it possible to mount a tank with a capacity of approx. 6 gallons.

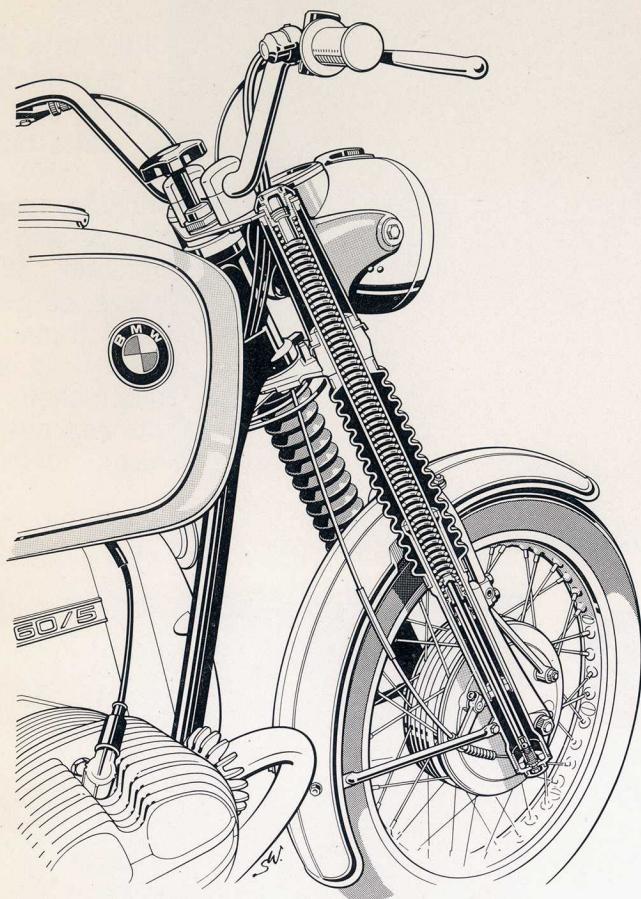
The telescopic front fork has hydraulic stops at full extension and full compression. For all practical purposes, it can't be bottomed. The eight-inch travel matched by the rear wheel travel of five inches, means maximum riding comfort.

The brake drums are cast to the aluminum hubs. The dimensions of the brakes are such that no distortion takes place, and full contact is maintained between drum and bonded shoes. The lining is of material where the coefficient of friction actually increases with temperature. As a result, the brakes simply will not fade. The rear brake of the BMW is rod-actuated. The linkage is designed to compensate for the up-and-down motion of the wheel.

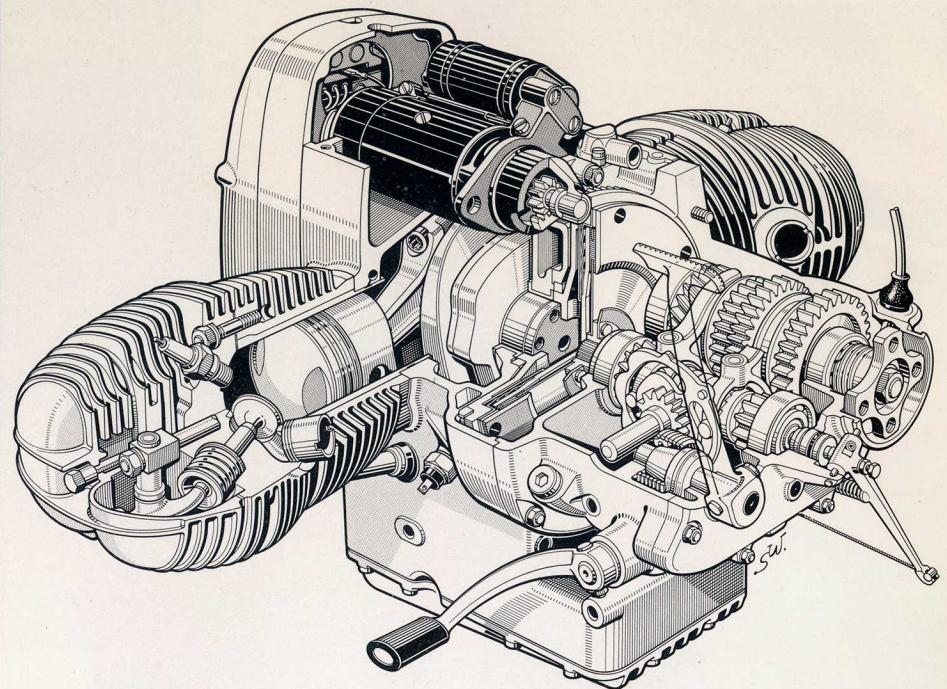
The BMW incorporates the finest electrical system available today. Power is furnished by a Bosch 12-volt, 3-phase alternator with six silicon diodes for rectification. The specially developed 15-Ah battery takes little space, is light-weight, and has a window for acid-level control. It provides for reliable starting even in cold-weather.

The electric starter is operated from a switch located on the handlebar. It is so wired as to make accidental engagement of starter gear impossible while engine is running.

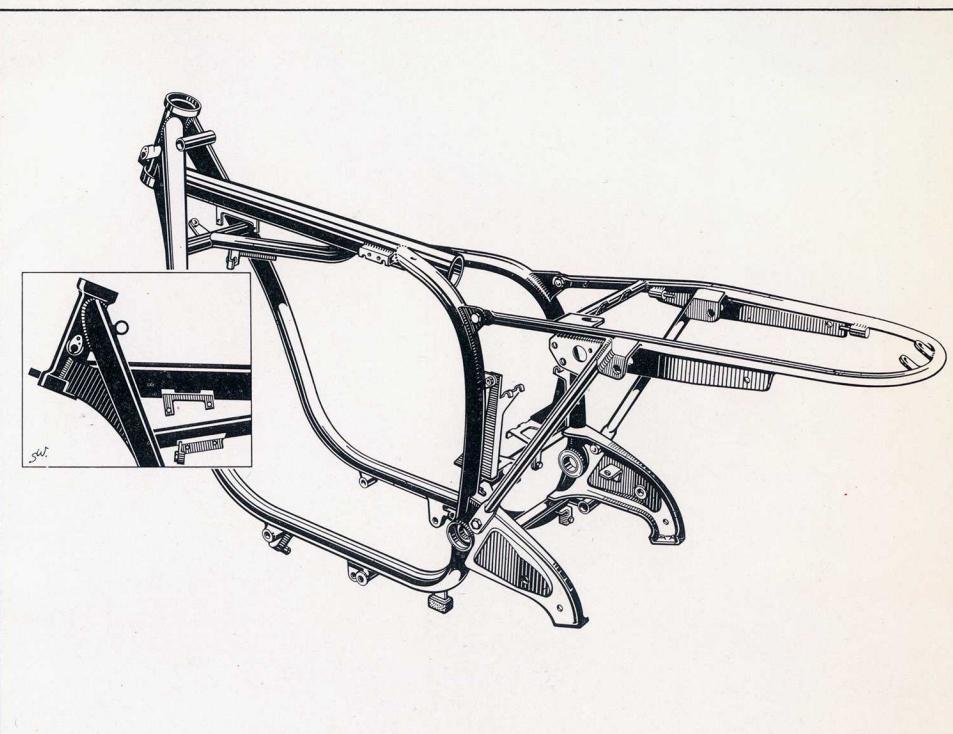




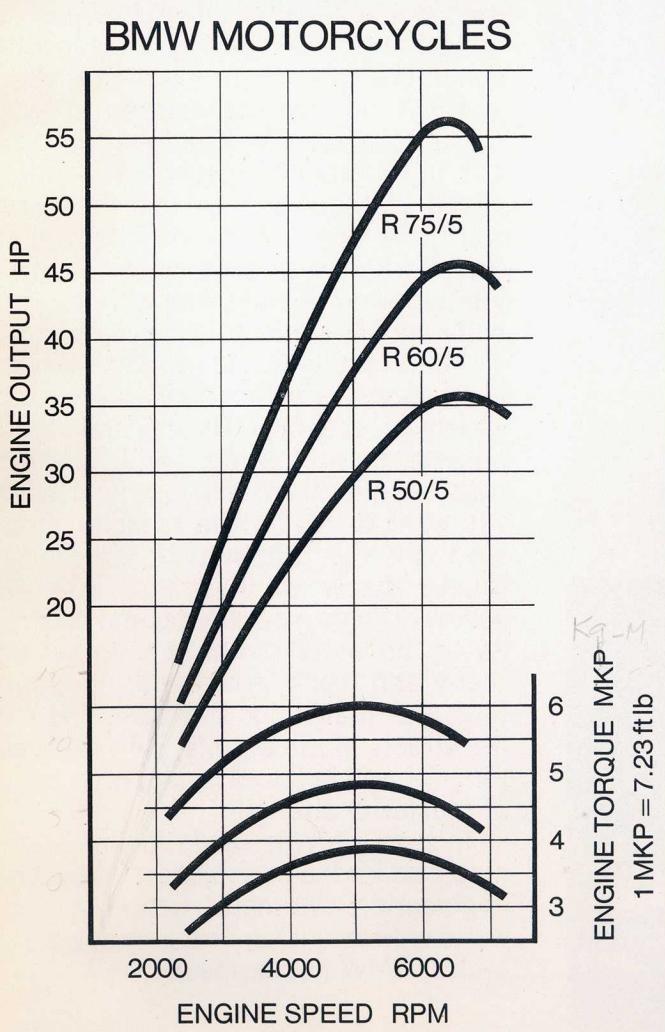
Details of the new BMW telescopic fork.



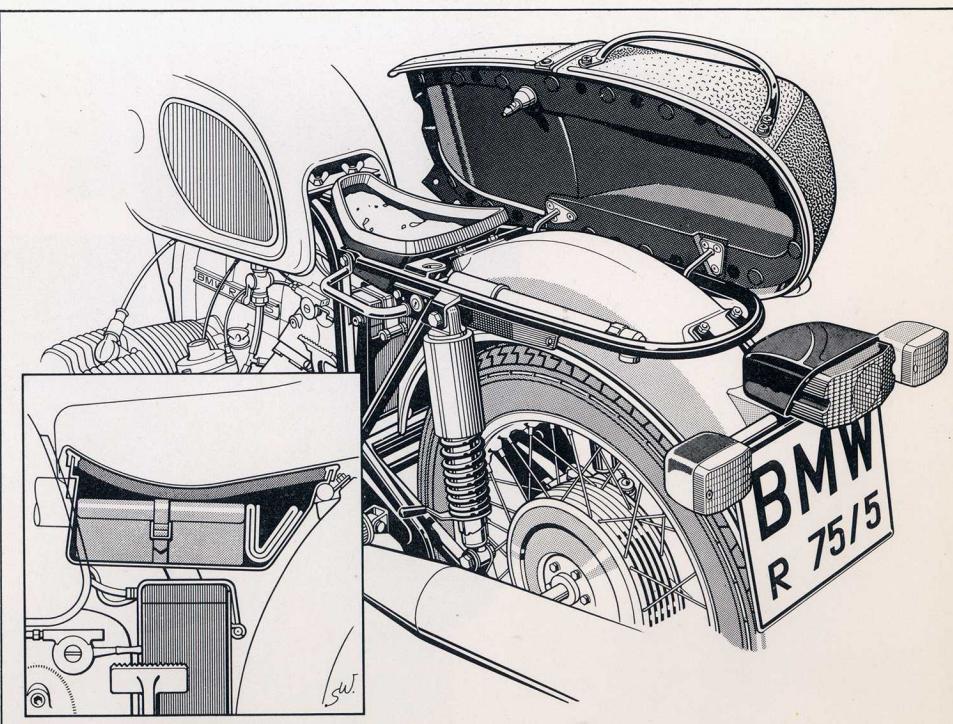
Cutaway view of engine and gearbox.



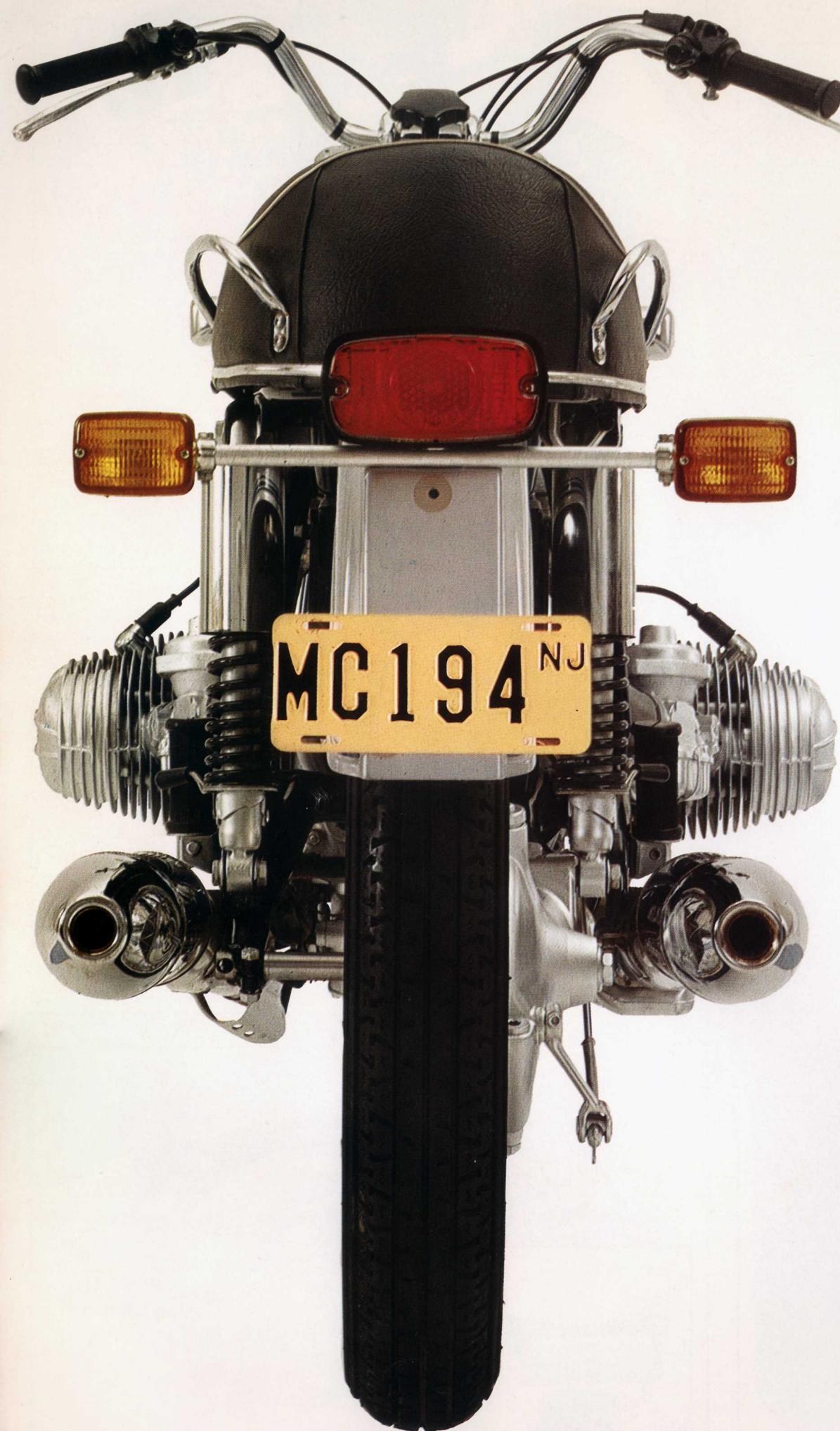
Frame with detachable rear section.



Performance chart.



View of the hinged dual-seat revealing the tool compartment.



The Bosch headlight, utilizing a 45/40 Watt bulb, throws an asymmetric beam pattern, minimizing glare and increasing illumination for safe night riding.

The instrument-cluster includes speedometer and mileage counter as well as mechanically-driven tachometer. Warning lights for battery charge, oil pressure, and the high-beam and transmission neutral indicator lights — all are combined within the headlight shell.

Factory-approved accessories are available including saddlebags, luggage carrier, and safety bars.

Unstinting efforts have gone into the design and construction of the BMW's. Every detail has been carefully considered to make the BMW's lighter, more powerful, and sportier.

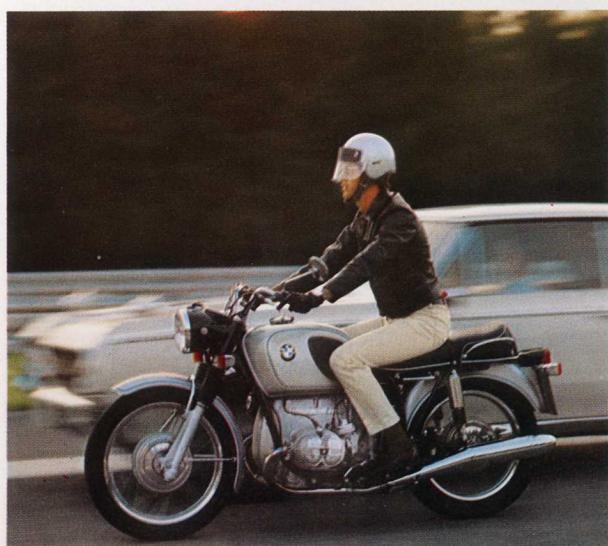
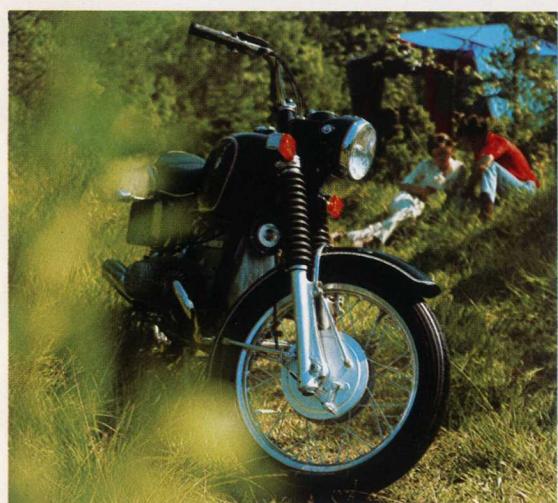
These BMW's are the pinnacle of our 46-year history of motorcycle construction. For nearly a half-century we've worked with but one goal: to make BMW the best motorcycle in the world.

They have been exciting years, spent on race tracks and in endurance trials around the globe, proving our machines under the most demanding and punishing conditions, racking up record after record.

BMW has led the world in introducing innovations to improve the sport, offering solutions to problems — always ahead of the times. In this pioneering spirit, the new BMW's are designed for the sportsman of today and tomorrow. Light, powerful, agile, and with the reliability you've come to expect of BMW.

Motorcycling is the most exhilarating of all sports. No other offers such a wide variety of activities. Racing, trail riding, long-distance touring, and camping trips — the BMW will take you where you want to go. On the road or off the road. Off the beaten path. Off to the middle of nowhere if you wish. Wherever you want to go, you can depend on BMW as on no other motorcycle to get you there and back again with minimum fuss and maximum pleasure. Even on the streets of the big city, BMW is different — well-behaved, quiet, with an air of masterful strength.

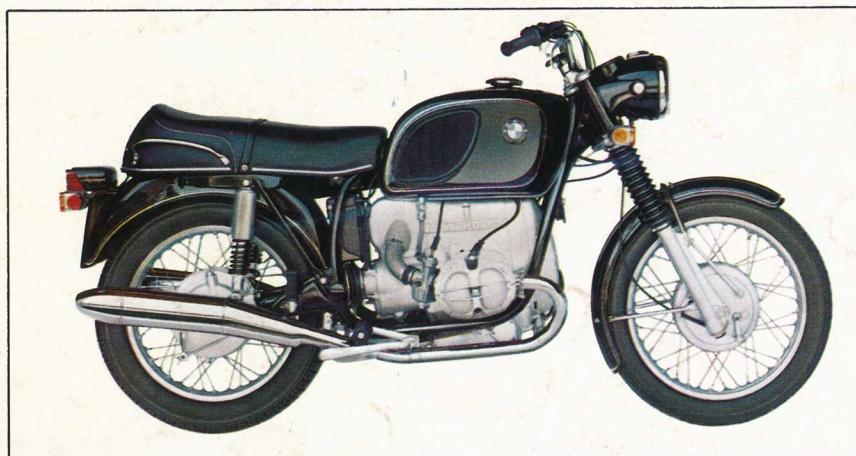
In sum, BMW is made for the sportsman, and for the connoisseur of superior engineering, fine construction, and old-world craftsmanship. Truly, among motorcycles, BMW has no peer.





R50/5

Displacement: 497.66 cc
Horsepower: 36 at 6600 rpm
Stroke/bore: 70.6/67 mm
Compression ratio: 8.6 : 1
Front tire and wheel: 3.25 x 19
Rear tire and wheel: 4.00 x 18
Weight: 410 lbs.
Over-all length: 82 1/2 inches
Saddle height: 33 1/2 inches
Top speed: 100 mph
Acceleration: 0 to 60 mph in 9.8 seconds
 Electric starter optional



R60/5

Displacement: 599 cc
Horsepower: 46 at 6600 rpm
Stroke/bore: 70.6/73.5 mm
Compression ratio: 9.2 : 1
Front tire and wheel: 3.25 x 19
Rear tire and wheel: 4.00 x 18
Weight: 421 lbs.
Over-all length: 82 1/2 inches
Saddle height: 33 1/2 inches
Top speed: 105 mph
Acceleration: 0 to 60 mph in 7.8 seconds
 Complete with electric starter



R75/5

Displacement: 745.3 cc
Horsepower: 57 at 6400 rpm
Stroke/bore: 70.6/82 mm
Compression ratio: 9.0 : 1
Carburetor: Bing vacuum
Front tire and wheel: 3.25 x 19
Rear tire and wheel: 4.00 x 18
Weight: 421 lbs.
Over-all length: 82 1/2 inches
Saddle height: 33 1/2 inches
Top speed: 110 mph
Acceleration: 0 to 60 in 6.1 seconds
 Complete with electric starter

Special Catalog on BMW Police Motorcycles available on request. Information and Price list on European delivery plan available on request.

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