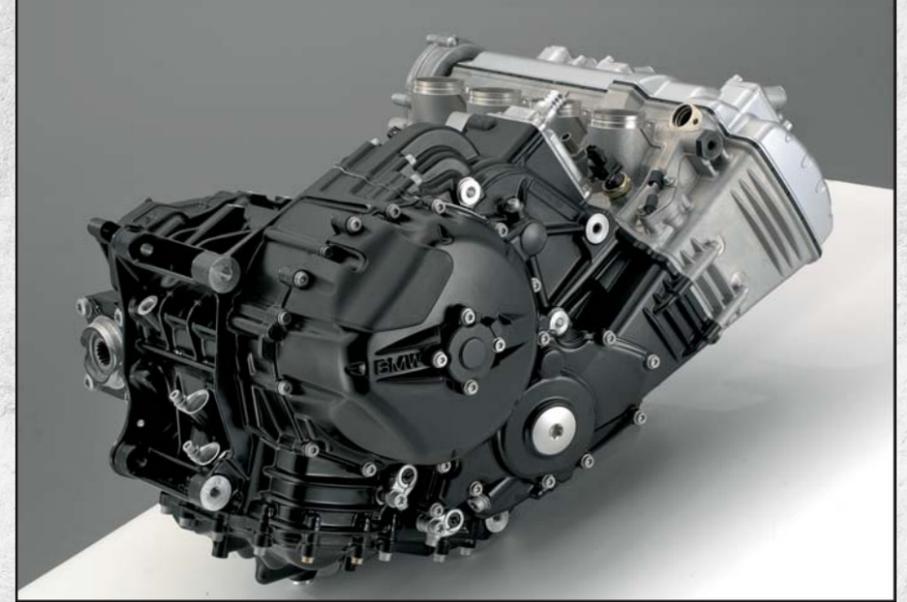


BMW K 1200 S

High Performance Sport Bike



The speculation is over. Now it's official: this year BMW Motorrad introduces the K 1200 S, a completely new high performance motorcycle in the sport segment.



Production of the new K 1200 S high performance sports bike has been running at full power in the BMW motorcycle plant in Berlin since June 1, when the head of BMW Motorrad, Dr. Herbert Diess, gave the official go-ahead.

The K 1200 S was designed by BMW specifically as a sport bike, and it is a completely separate motorcycle within the K family. This bike is radically new, featuring an unprecedented number of innovations. It's a high-precision sport bike offering unique agility as well as enormous output. Power-to-weight ratio is level with the competition and almost 50 percent better than the K 1200 RS.

The low weight and extremely agile chassis help the K 1200 S deliver superior handling. The K 1200 S is powered by a transversely mounted

1157-cc four-cylinder inline engine with integrated transmission, unique among sport bikes by virtue of its overall concept plus its lightweight shaft drive. The engine generates 167 bhp at 10,250 rpm. The highest torque of 130 Nm is achieved at 8,250 rpm. More than 70 percent of maximum torque is already available from 3000 rpm. The overriding target for the engine developers was to achieve sports characteristics with rideable and fully controllable performance.

The extreme forward tilt of the cylinder bank (55°) ensures a low center of gravity. In this way it was possible to achieve an ideal wheel load distribution of 50:50 percent in combination with the overall geometric layout. The engine has an extraordinarily narrow design achieved by a series of special design

features. The engine width at the crankshaft level is approximately the same as for 600-cc engines. This not only allows for very deep engine installation and maximum lean angle, it also gives the bike a narrow and sporty silhouette.

Unique for a production bike in this class is the construction of the integrated 6-speed gearbox: a cassette transmission.

Environmental compatibility is safeguarded by a closed-loop three-way catalytic converter and digital engine electronics, standard on all BMW motorcycles for years. The engine of the K 1200 S is based on the latest generation as presented at the beginning of the year in the R 1200 GS. It also features integrated knock control and in this advanced four-cylinder engine represents the most sophisticated motorcycle engine manage-

ment system currently available.

A revolutionary front wheel suspension using two parallel links—without telescopic forks—ensures extremely sensitive response with excellent precision, outstanding rigidity and low weight. The electronically adjustable suspension is a world first in production motorcycles.

The new K 1200 S is also equipped with BMW Motorrad Integral ABS in the partially integral version. In conjunction with the EVO brakes, this system ensures maximum deceleration and the shortest braking distances in all road conditions.

The new BMW K 1200 S will be available soon; the price has not yet been set. All familiar models of the K family, the K 1200 RS, the K 1200 GT and the K 1200 LT will remain part of the model range beyond 2004. ■