



R 1200 GS Adventure

Technical data and colors

Updated: October 2009

Engine:

Type:

- Air/oil-cooled flat twin ('Boxer') 4-stroke engine, two camshafts and four radially aligned valves per cylinder, central balancer shaft

Bore / stroke:

- 101 mm x 73 mm

Capacity:

- 1,170 cc

Rated output:

- 81 kW (110 hp) at 7,750 rpm

Max. torque:

- 120 Nm at 6,000 rpm

Compression ratio:

- 12.0 : 1

Mixture control / engine management:

- Electronic intake pipe injection / BMS-K+ digital engine management with overrun fuel cut-off, twin spark ignition

Emission control:

- Closed-loop 3-way catalytic converter, emission standard EU-3

Performance / fuel consumption:

Maximum speed:

- over 200 km/h

Fuel consumption over 100 km at constant 90 km/h:

- 4.6 l

Fuel consumption over 100 km at constant 120 km/h:

- 6.1 l

Fuel type:

- Unleaded super and premium, octane number 95-98 (RON) (knock sensor; rated output at 98 RON); optional extra 91 (RON) available

Electrical system:

Alternator:

- three-phase alternator 720 W

Battery:

- 12 V / 14 Ah, maintenance-free

Power transmission:

Clutch:

- Single dry plate clutch, hydraulically operated

Gearbox:

- Constant mesh 6-speed gearbox with helical gear teeth

Drive:

- Shaft drive

Chassis / brakes:

Frame:

- Two-section frame consisting of front and rear sections, load-bearing engine-gearbox unit

Front wheel location / suspension:

- BMW Motorrad Telelever; stanchion diameter 41 mm, central spring strut, spring pre-load with 5-position mechanical adjustment

Rear wheel location / suspension:

- Cast aluminium single-sided swing arm with BMW Motorrad Paralever; WAD strut (travel-related damping), spring pre-load hydraulically adjustable (continuously variable) at handwheel, rebound damping adjustable

Travel front/rear:

- 210 mm / 220 mm

Wheelbase :

- 1,510 mm

Castor :

- 89 mm

Steering head angle:

- 65.2°

Wheels:

- Cross-spoke wheels

Rim front:

- 2.50 x 19"

Rim rear:

- 4.00 x 17"

Tyres front :

- 110/80 R 19

Tyres rear:

- 150/70 R 17

Brake front:

- Dual disc brake, floating brake discs, diameter 305 mm, 4-piston fixed calipers

Brake rear:

- Single disc brake, diameter 265 mm, double-piston floating caliper

ABS:

- Optional extra: BMW Motorrad Integral ABS (part-integral), can be switched off

Dimensions / Weight:

Length:

- 2,240 mm

Height (not inc. mirrors):

- 1,525 mm

Width (inc. mirrors):

- 990 mm

Seat height, unladen weight:

- 890 / 910 mm

Inner leg curve:

- 1,960 / 2,000 mm

Unladen weight, road ready, fully fuelled 1):

- 256 kg

Dry weight 2):

- 223 kg

Permitted total weight:

- 475 kg

Payload (with standard equipment):

- 219 kg

Usable tank volume:

- 33 l

Reserve:

- approx. 4.0 l

Technical data relate to the unladen weight (DIN)

- 1) According to guideline 93/93/EWG with all fluids, fuelled with at least 90% of usable tank volume
- 2) Unladen weight without fluids

Color possibilities:



Paintwork: Shine Yellow metallic



Paintwork: Smoke Grey metallic matt

The models illustrated in this brochure show the specifications for Germany. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models and equipment as described here may occur. For detailed information on the range of rider equipment and accessories available in your country, please contact your BMW Motorrad dealer. Subject to change in design and equipment. Subject to error.

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**The Ultimate
Riding Machine**