

DATA & EQUIPMENT

THE BMW R 1300 GS

The BMW R 1300 GS embodies the pure essence of the GS spirit. Its relatively low weight, combined with the powerful 145 hp boxer and generous 1300 ccm displacement makes it the best of the best in the large touring enduro segment. The goal during development was maximal reduction instead of ever-increasing size. The result: inimitable handling. Despite its low complexity, it has more comprehensive standard equipment than ever before. Learn everything you need to know about the technical data and extensive equipment options here.



TECHNICAL DATA

Engine

Rated output	107 kW (145 hp) at 7,750 rpm
Emission control	Closed-loop 3-way catalytic converter
Type	Air/liquid-cooled four-stroke flat twin engine with double overhead and chain driven camshafts (BMW ShiftCam) and balance gear wheels
Bore x stroke	106.5 mm x 73 mm
Capacity	1,300 cc
Max. torque	149 Nm at 6,500 rpm
Compression ratio	13.3 : 1
Mixture control	Electronic intake pipe injection
Exhaust emission standards	EU 5

Performance / fuel consumption

Maximum speed	Over 200 km/h
Fuel consumption per 100 km based on WMTC	4.8 l
Fuel type	Super unleaded, 95 ROZ/RON; adaptive fuel quality regulation, 91-98 ROZ/RON
CO2 emission based on WMTC	110 g/km

Electrical system

Alternator	Three-phase alternator with 650 W (nominal power)
Battery	12 V / 14 Ah, maintenance-free AGM battery

Power transmission

Clutch	Wet clutch, anti-hopping clutch, hydraulically operated
Gearbox	Claw-shifted 6-speed gearbox
Drive	Cardan
Traction control	BMW Motorrad DTC

Chassis / brakes

Frame	Two-part frame concept consisting of main frame and rear frame bolted to it, co-supporting engine
Front wheel location / suspension	BMW Motorrad EVO-Telelever, handlebar tilting decoupled via flex element, central shock absorber
Rear wheel location / suspension	BMW Motorrad EVO-Paralever, cast aluminium single-sided swingarm, transversal connected swing arm bearings, central WAD spring strut, spring preload fully adjustable
Suspension travel, front / rear	190 mm / 200 mm
Wheelbase	1,518 mm
Castor	112 mm
Steering head angle	63.8 °
Wheels	Aluminium cast wheels
Rim, front	3.00 x 19"
Rim, rear	4.50 x 17"
Tyre, front	120/70 R19
Tyre, rear	170/60 R17
Brake, front	Twin disc brake, semi-floating brake discs, diameter 310 mm, 4-piston radial brake caliper
Brake, rear	Single disc brake, diameter 285 mm, 2-piston floating caliper
ABS	BMW Motorrad Full Integral ABS Pro (lean angle optimized)

Dimensions / weights

Seat height at unladen weight	850 mm
Inner leg curve at unladen weight	1,900 mm
Usable tank volume	19 l
Reserve	approx. 4 l
Length	2,212 mm (over splash guard)
Height	1,406 mm (above windshield)
Width	1,000 mm (over hand guard)
Unladen weight, road ready, fully fuelled	237 kg ¹⁾
Permitted total weight	465 kg
Payload (with standard equipment)	228 kg