

DATA & EQUIPMENT

THE BMW F 900 GS ADVENTURE

The BMW F 900 GS Adventure is our touring enduro with which you will take the world by storm. Numerous safety and comfort features make this GS a reliable touring companion – for both you and your passenger. Its powerful parallel-twin engine takes you dynamically to all your destinations. Its large 23-litre tank lasts at least as long as you do. You can find out everything about the technical data and equipment here.



TECHNICAL DATA

Engine

Rated output	77 kW (105 hp) at 8,500 rpm ¹⁾
Emission control	Closed-loop 3-way catalytic converter
Type	Water-cooled, 2-cylinder, four-stroke engine with four cam-operated valves per cylinder, two overhead camshafts and dry-sump lubrication
Bore x stroke	86 mm x 77 mm
Capacity	895 cc
Max. torque	93 Nm at 6.750 rpm
Compression ratio	13.3 : 1
Mixture control	Electronic intake pipe injection / digital engine management system: BMS-X with throttle-by-wire
Exhaust emission standards	EU 5

Performance / fuel consumption

Maximum speed	Over 200 km/h
Fuel consumption per 100 km based on WMTC	4.4 l
Fuel type	Super unleaded (max. 15% ethanol, E15), 95 ROZ/RON, 90 AKI

Electrical system

Alternator	Permanent magnet alternator with 416 W (nominal power)
Battery	12 V / 9 Ah, maintenance-free

Power transmission

Gearbox	Endless O-ring chain with shock damping in rear wheel hub
Clutch	Multiplate clutch in oil bath, anti-hopping clutch
Drive	Endless O-ring chain with shock damping in rear wheel hub

Chassis / brakes

Frame	Bridge-type frame, steel shell construction
Rear wheel location / suspension	Cast aluminium dual swing arm, central WAD spring strut, spring pre-load hydraulically adjustable, rebound damping adjustable
Suspension travel, front / rear	230 mm / 215 mm
Wheelbase	1,585 mm
Castor	119.9 mm
Steering head angle	62°
Wheels	Cross spoke wheels
Rim, front	2.15 x 21"
Rim, rear	4.25 x 17"
Tyre, front	90/90 R21
Tyre, rear	150/70 R17
Brake, front	Twin disc brake, floating brake discs, diameter 305 mm, 2-piston floating caliper
Brake, rear	Single disc brake, diameter 265 mm, 1-piston floating caliper
ABS	BMW Motorrad ABS

Dimensions / weights

Seat height at unladen weight	875 mm (lowering: 805 mm; seat extra low: 825 mm; seat low: 835 mm; double seat: 860mm; rallye seat: 890 mm)
Inner leg curve at unladen weight	1,950 mm (lowering: 1,810 mm; seat extra low: 1,850 mm; double seat low: 1,870 mm; double seat 1,910 mm; rallye seat: 1,980 mm)
Usable tank volume	23 l
Reserve	approx. 3.5 l
Length	2,300 mm (over license plate holder)
Height	1,437 mm (without mirror, at DIN unladen weight)
Width	939 mm (above mirror)
Unladen weight, road ready, fully fuelled	246 kg
Permitted total weight	455 kg
Payload (with standard equipment)	209 kg