

BMW K1200S Specifications

Start of Production 2004

End of Production N/A

Numbers Produced N/A

Price (2004) UK £ 9,750

US \$



[Click to View](#)

Engine

Motor Type	Water-cooled 4 stroke in-line four cylinder engine with two camshafts and four valves per cylinder
Bore x Stroke	79 x 59 mm (3.11 / 2.32 inches)
Displacement	1157 cc
Max Power	123 Kw (167) bhp at 10,250 rpm
Max Torque	130 Nm @ 8,250 rpm
Compression Ratio	13:1
Mixture Control / Engine Management	Electronic intake pipe injection / digital engine management including knock sensor (BMS-K)
Emission Control	Closed loop 3 way catalytic converter

Power Transmission

Clutch	Multiple disc clutch in oil bath, hydraulically operated
Gearbox	Constant mesh 6 speed gearbox
Drive	Shaft Drive

Electrical System

Alternator	580 W three phase alternator
Battery	12 volt / 14 Ah

Chassis

Type of Frame	Bridging frame, die-cast aluminium, load bearing engine
Front wheel suspension	BMW Motorrad Duolever; central spring strut, rebound damping electronically adjustable with optional ESA
Rear wheel suspension	Die-cast aluminium single sided swinging arm with BMW Motorrad Paralever;

	central spring strut with lever system, spring pre-load adjustable to continuously variable levels by means of hydraulic handwheel (electronically adjustable with optional ESA), adjustable rebound damping (rebound damping and compression electronically adjustable with optional ESA)
Travel Front/Rear	115 mm / 135 mm (4.53 / 5.32 inches)
Castor (in normal position)	112 mm
Steering Head Angle (in normal position)	61 degrees
Wheels	Die-cast aluminium wheels
Wheel Rims, Front	3.50 x 17
Wheel Rims, Rear	6.0 x 17
Tyres, Front	120 / 70 ZR 17
Tyres, Rear	190 / 50 ZR 17
Brakes, Front	EVO brake system with dual disc, floating brake discs, diameter 320 mm (12.6 inches), 4 piston fixed caliper
Brakes, Rear	Single disc brake, diameter 265 mm (10.44 inches), 2 piston fixed caliper
ABS	BMW Motarrad Integral ABS (part integral) as standard

Dimensions/Weights

Length x Width x Height	2,182 / 905 / 1,211 mm (85.97 / 35.66 / 47.71 inches)
Seat Height (Unladen)	820 mm / 32.3 inches (optional low seat 790 mm / 31.1 inches)
Wheel Base (in normal position)	1,571 mm (61.9 inches)
Useable Tank Volume	19 litres / 4.18 gal / 5.01 US gal
Reserve	Approx. 4 litres / .88 gal / 1.05 US gal
Unladen Weight, road ready, fully fuelled	248 Kg / 547 lbs
Dry Weight	226.5 Kg / 499 lbs
Permitted Total Weight	450 Kg / 992 lbs
Payload (with standard equipment)	202 Kg / 445 lbs

Performance & Consumption

Maximum Speed	More than 200 Km / h
Fuel Consumption over 100 Km at constant 90 Kph	4.7 litres / 1.03 gal / 1.24 US gal
Fuel Consumption over 100 Km at constant 120 Kph	5.5 litres / 1.21 gal / 1.45 US gal
Fuel Type	Unleaded premium, octane number 98 (RON), can also be operated with minimum octane number 95 (RON) due to automatic

knock control