

The BMW 5 Series 520i Saloon

BMW
Great Britain



Introduction

BMW 5 Series Saloon

The new 5 Series Saloon immediately captivates the imagination:

- Striking design
- Innovative use of lightweight materials
- Class leading performance

The latest incarnation of the 5 Series Saloon is supremely dynamic, refined to perfection.



Design



Introduction

The new 5 Series Saloon immediately captivates the imagination:

- Elegant lines
- Exciting interplay of light and shadow
- Short overhangs
- Dynamic proportions

Everything about the new 5 Series will enthral drivers with an eye for exceptional detail.

Interior

- Ergonomically designed seats in the front and rear
- High quality materials used throughout
- Stylish design

Excellence in every detail.

Exterior

Full of character. Athletic. Unique.

- Coupé like flair
- Exciting lines
- Dual headlights in powerful, striking design

The new 5 Series Saloon is even more outstanding than its predecessor. Through its design alone, it combines sporting and dynamic looks with supremacy and sheer presence.

Luggage Compartment

The luggage compartment has been specifically designed to include:

- A total capacity of 520 litres
- Adequate space for four golf bags lying down next to each other
- A deep loading sill, allowing easy access through a wide boot opening

Safety



Ultra-strong body structure

Optimum impact protection is ensured through incorporation of an ultra-strong body structure. Lightweight, high-strength steel is used which offers maximum protection in any impact. The extremely stiff passenger cell ensures optimum protection for both driver and passengers.

Introduction

Extra safety for extra driving pleasure. The new 5 Series is one of the safest cars in the world. In addition to the extra-strong and rigid body structure, the car also features:

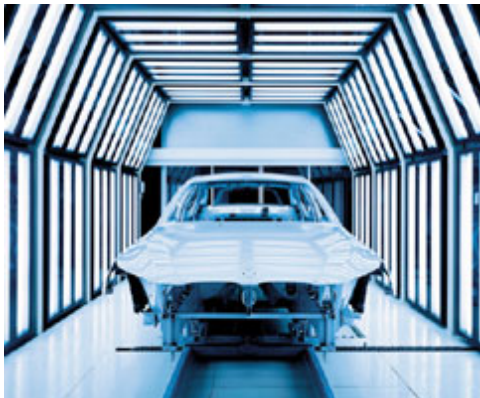
- Eight airbags as standard
- Intelligent airbag control
- High performance aluminium brakes

Airbags

Eight airbags as standard in the new 5 Series Saloon ensure optimum safety by minimising risk of injury.

- Driver and front passenger airbags
- Improved ITS head airbags (now combined with a sail-like tissue structure extending up to the roof frame ensuring enhanced protection against glass splinters and objects intruding from outside the car)
- Side airbags at the front, and side airbags at the rear

Technology



Introduction

Intelligent use of technology gives more dynamic driving pleasure than ever before. The new 5 Series incorporates a large amount of new technology including:

- Lightweight aluminium chassis and suspension
- Active steering (optional)
- Dynamic Stability Control (DSC)

Lightweight Suspension

The highly innovative aluminium suspension provides a level of steering precision that is unmatched in the executive car market. The significant reduction in weight provides unprecedented suspension and damping comfort taking driving pleasure to an even higher standard.

Dynamic Stability Control (DSC)

DSC utilises DBC, whilst also monitoring steering wheel movements, road speed and even lateral acceleration. It then modifies braking pressure and engine power to optimise road holding, particularly when accelerating through bends.

Engines



Introduction

The new 5 Series Saloon is available with a range of three outstanding engines:

- 170bhp 2.2-litre six-cylinder, producing 210Nm of torque at 3,500 rpm
- 231bhp 3.0-litre six-cylinder, producing 300Nm of torque at 3,500 rpm
- 218bhp 3.0-litre six-cylinder, producing 500Nm of torque at 2,000 rpm

These high-tech engines coupled together with the six-speed gearbox provide outstanding driving pleasure.

Six-Cylinder in-line engines

The aluminium six-cylinder in-line petrol engines available in the 520i SE and 530iSE offer optimum refinement and smooth power delivery. These engines follow BMW tradition by giving excellent throttle response, superior flexibility as well as fast-revving performance with that characteristic BMW acoustic engine note.

Diesel engines

The new generation of BMW diesel engines has changed expectations of diesel motoring forever. These six-cylinder common-rail diesel engines feature high-pressure injection and variable vanes in the turbocharger for increased torque at low engine speeds. Delivering a quite remarkable torque figure of 500Nm at only 2,000rpm, the new 3.0 litre diesel accelerates 530d SE from 0-62 mph in just 7.1 seconds.

Double-VANOS

Double-VANOS ensures optimum torque development over the entire rev range, providing more torque at low speeds and superior performance at high speeds. It also minimises exhaust emissions through improved engine efficiency. Double-VANOS is a feature of 520i SE and 530i SE models.

Ownership benefits

Introduction

BMW Ownership benefits provide a range of vehicle services that allow easy management of your BMW in all circumstances. From Service While You Wait and Accident management to Emergency Service and BMW Four Plus - the car care programme for BMWs over four years old - each service brings with it complete piece of mind and the knowledge that you and your car will be looked after by real experts.

Find out how BMW Driver services can take the stress out of car ownership and what we can do to make your life that little bit simpler.



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Technical Specification 520i SE Saloon

Note - Figures in brackets represent Automatic transmission

Engine

Cylinders/valves 6/4
Capacity cml 2171
Stroke/Bore (mm) 72.0/80.0
Max output (kW/bph/rpm)
Max torque (Nm/rpm) 210/3500

Wheels

Tyre size front 205/60R16
Tyre size rear 205/60R16
Wheel size front 7Jx16
Wheel size rear 7Jx16

Fuel consumption

Urban (mpg) 21.7
Extra-urban (mpg) 41.5
Combined (mpg) 31.4
Urban (ltr/100km) 13.0
Extra-urban (ltr/100km) 6.8
Combined (ltr/100km) 9.0
CO2 emissions (g/km) 219
Tank capacity (ltr) 70

Dimensions

Wheelbase 2888
Vehicle length 4841
Vehicle width 1846
Vehicle height 1468
Track, front 1558
Track, rear 1582

Performance

Drag (cw) 0.26
Top speed (mph) 143
Acceleration 0-62 mph (sec) 9.0
Acceleration 50-75 mph in 4th (sec) 9.4

Weight

Unladen (EU) 1560
Max permissible 2025
Permitted load 540
Permitted axle load, front/rear 980/1130

Equipment 520i SE



Engine	520i SE
Charge air cooling	NA
Cylinder-specific anti-knock control	■
Digital Diesel Electronics (DDE)	NA
Digital Motor Electronics (DME)	■
Double - VANOS	■
Light-alloy cylinder head	■
On-board diagnostics	■
Three-way catalytic converter, heated oxygen sensor, activated carbon filter, controlled tank purge	■
Common-rail injection system	NA
DISA - variable resonance induction system	■
DIVA - infinitely variable induction system	NA
Eight-cylinder V petrol engine with four-valve technology	NA
Engine mounts, hydraulically controlled	NA
Ignition, stationary high-tension distribution	■
Light alloy engine block	■
Six-cylinder in-line diesel engine with four-valve technology	NA
Six-cylinder in-line petrol engine with four-valve technology	■
Turbocharger with variable turbine geometry	NA
VALVETRONIC	NA
Exterior	
Bumpers and exterior mirrors in body colour	■
Door handles in body colour	■
Metallic paintwork	£575

Key: ■ - Standard NA - Not Available

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Equipment 520i SE

Exterior	520i SE
Clear Indicators	■
Exterior mirrors, wide angled, electrically adjustable and heated	■
Front doors with three-stage door brake	■
Kidney front grille with vertical slats in black and chrome surround	■
Kidney front grille with vertical slats in chrome and chrome surround	NA
Luggage compartment lid with remote key opening	■
Rear doors with two-stage door brake	■
Twin horns	■
Wheels - BMW Light alloy wheels - star spoke styling 115, 7Jx16" with 225/55 R16 tyres (spare wheel included - space saver)	£70
Wheels - BMW Light alloy wheels - double spoke styling 116, 7.5Jx17" with 225/50 R17 Run-flat tyres (No spare wheel, jack or wheel brace included, however this can be specified as a cost option)	£540
Wheels - BMW Light alloy wheels - star spoke styling 138, 7.5Jx17" with 225/50 R17 Run-flat tyres (No spare wheel, jack or wheel brace included, however this can be specified as a cost option)	£475
Wheels - BMW Light alloy wheels - star spoke styling 122, 8Jx17" with 245/45 R17 Run-flat tyres (No spare wheel, jack or wheel brace included, however this can be specified as a cost option)	£645
Wheels - BMW Light alloy wheels - star spoke styling 123, 8Jx18" with 245/40 R18 Run-flat tyres (No spare wheel, jack or wheel brace included, however this can be specified as a cost option)	£1,110
Wheels - BMW Light alloy wheels - star soke styling 124, 8Jx18" (front) 9Jx18" (rear) with 245/40 R18 - 275/35 R18 Run-flat tyres (No spare wheel, jack or wheel brace included, however this can be specified as a cost option)	£1,415
Window frames and window recess finishers in chrome	■
Wheels - BMW Light alloy wheels - trapeze-spoke styling 134, 7 Jx16" with 225/55 R16 tyres (Spare wheel included - space saver)	■
Screenwasher nozzles on engine compartment lid, heated	■
Towbar with removable ball head	£540
Graduated Tinted Windscreen (not with Climate Comfort Laminated Glass/Protective Glazing/Sun Protection glazing)	£50
Protective Glazing (not available with Graduated Tinted Windscreen/Climate Comfort Laminated Glass/Sun Protection glazing)	£1,080
PDC Park Distance Control with Pictogram Display	£505
De-Chroming, exterior window finisher trim	£145
Model designation-deletion	£0
Interior	
Armrest at the front, sliding, with storage box	£125
CD changer for six CD's	£270
Centre armrest at the rear	■
Glass sliding/vent roof, electric	£770
Glove compartment, illuminated and lockable	■
LIGHTS ON? Warning	■
No-smoker package	£0
Outside temperature display	■

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Equipment 520i SE

Interior	520i SE
Reading lights front and rear	■
Upholstery - Flat-weave cloth	■
Warning triangle and first-aid kit	■
On-board computer	NA
Armrest, front	■
Automatic air conditioning	■
Automatic air conditioning-advanced	£490
Central air outlet, rear	■
Climate comfort laminated glass	£710
Control Display (iDrive) with 6.5 inch colour display screen	■
Controller on centre console	■
Courtesy lights with automatic function and soft on/off dimming	■
Cruise control, programmable	■
Cupholders front and rear	■
Green-tinted windows, all-round	■
Headlight range control, automatic	■
Interior trim - Titanium II Dark	■
Interior trim - Poplar Wood (High gloss)	£320
Interior trim - Maple Wood (High gloss)	£320
Leather three spoke steering wheel with Multi-function buttons	■
Luggage compartment, volume of approx. 520ltr	■
Navigation system - Business, including 6.5-inch colour monitor, BMW Professional radio	£1,185
Smoker package	■
On-board computer	■
Radio/audio - BMW Business radio with single CD player	■
Radio/audio - BMW Professional radio with single CD player (with twin tuner)	£270
Radio/audio - HiFi loudspeaker system	£355
Radio/audio - HiFi System Professional LOGIC7	£845
Seats/seat comfort - Standard seats for driver and passenger with partly electric adjustment (backrest angle and seat height)	■
Seats/seat comfort - Seat adjustment, fully electric with memory function for driver's seat	£745
Seats/seat comfort - Active seats for driver and passenger (includes Lumbar support)	£775
Seats/seat comfort - Active seat ventilation for driver and front passenger (includes heated front seats) - Only available with Nasca leather and Comfort seats	£775
Seats/seat comfort - Comfort seats for driver and front passenger, includes fully electric operation, driver and passenger seat memory, Lumbar support, backrest width adjustment, Active head restraint function	£1,315
Seats/seat comfort - Heated front seats	£245
Seats/seat comfort - Heated rear seats (only in conjunction with heated front seats)	£245

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Equipment 520i SE

Interior	520i SE
Seats/seat comfort - Sports seats for driver and front passenger, with fully electric adjustment	£1,120
Seats/seat comfort - Lumbar support for driver and front passenger	£235
Seats/seat comfort - Storage pockets on both front seat-backs	■
Steering column adjustment, manual (if fully electric seat adjustment is specified steering column adjustment reverts to fully electric)	■
Steering wheel heating (Only in conjunction with Heated front seats)	£125
Sun blind for rear window, electric	£205
Sun blinds for rear window, electric, and rear side windows, mechanical	£305
Telephones - Bluetooth telephone preparation (Mobile telephone and cradle are purchased separately, consult your BMW Dealer for further information)	£505
Telephones - Professional telephone (dual-band)	£865
Through-loading system including ski-bag	£325
Universal Remote Control (only in conjunction with Automatic dimming rear view mirror)	£160
Upholstery - Dakota leather (Includes rear cupholders and centre armrest addments tray)	£1,250
Upholstery - Nasca leather (includes rear cupholders and centre armrest addments tray, only in conjunction with Comfort seats)	£1,570
Upholstery - Exclusive leather (Includes rear cupholders and centre armrest addments tray, only in conjunction with Comfort seats)	£2,175
Window lifts, electric, pull/press switch with open/close fingertip control	■
Leather sports steering wheel (available from October 2003)	£65
Safety	
Airbags - Driver and front passenger ID airbags (impact-dependent airbag system), seat occupancy detector for front passenger airbag	■
Airbags - Side airbags at the front for driver and front passenger	■
Headlight wash system	£180
ISOFIX child seat fixings	■
Safety battery terminal	■
Servotronic Steering	£160
Airbags - Head airbags ITS front and rear	■
Airbags - Side airbags for rear passengers with seat belt tensioners for left and right rear seats	£220
Alarm system, remote control with tilt sensor (Thatcham category 1)	■
Brakes - Disc brakes, vented front with aluminium brake calipers	■
Brakes - Disc brakes, vented rear with aluminium brake calipers	■
Bumper system, with replaceable crumple elements front and rear to absorb impacts of up to 9.3mph. Bumpers absorb impacts up to 2.5mph without damage	■
Central locking, lock doors, luggage compartment and fuel filler cap	■
Dynamic Stability Control (DSC incl ABS, Traction Mode, DTC and DBC)	■
Foglights with free-form reflector	■
Park Distance Control (PDC) with visual and acoustic feedback	£505

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Equipment 520i SE

Safety

520i SE

Rain sensor with automatic headlight activation	■
Three-point seat belts for all seats, with pyrotechnic belt tensioners at the front	■
Tyre Puncture Warning System	■
Bi-Xenon lights for low-beam and high-beam headlights	£650
Interior mirror with automatic anti-dazzle function	£110
Active steering (only with Sports Suspension/Dynamic Drive/Sports Suspension+Dynamic Drive)	NA
Space Saver Spare Wheel	£70
Interior and exterior mirrors with automatic anti-dazzle function - incl folding door mirrors	£315
Adaptive Headlights (Only with Bi-Xenon headlights)	£270
Active Cruise Control (Only with Automatic gearbox)	NA
Extended Lights Package	£180
Side impact protection, integrated	■

Sport

Transmission

Aluminium integral rear axle	■
Double joint spring-strut front axle	■
Power assisted steering	■
Six-speed manual gearbox	■
Six-speed automatic gearbox with Steptronic	£1,350
Six-speed Sequential Manual Gearbox (SMG)	NA
Sports suspension, vehicle lowered by 15mm, with stiffer suspension	£245
Dynamic Drive (only with Servotronic Steering/Active Steering)	NA

Key: ■ - Standard NA - Not Available

Pricing

Price shown as 'on the road'

520i SE **£25,455**

Company car tax

Car benefit charges for cars with an approved CO2 emissions figure

Model Description	CO2 Taxband	CO2 Emission
520i SE	28%	NA (NA)

Company car tax information for automatic cars is shown in brackets.

BMW (GB) Ltd reserves the right to alter prices and specifications without notice.