

BMW 5 Series Saloon

523i
525i
530i
545i
525d
530d
535d



**Sheer
Driving Pleasure**



Mind over matter.



Aesthetics is based on seeing an outer form and perceiving its inner nature.



Our engineers added one special component: Passion.



Seeing is believing.





The instruments in the BMW 5 Series are located directly in the driver's field of vision. Their glare-free design ensures clear visibility at all times.



The iDrive Controller is an integral part of the overall control concept, providing easy and intuitive access to most of the comfort functions within the BMW 5 Series.

Everything is in its place.
Waiting for your touch.

Equipment | Exterior



Xenon headlights for low and high beam, with dynamic range control, provide much better illumination of the road ahead at night or in poor visibility.

Adaptive headlights for improved visibility in bends: the adjustable headlights are directed into the bend as soon as the vehicle starts cornering.



Headlight washing system ensures optimum brightness in all kinds of weather. When the lights are on, the headlights are automatically cleaned in parallel with the windscreen.



Light-alloy wheels trapezoidal-styling 134¹, 7 J x 16", 225/55 R16 tyres (standard on 523i, 525i, 530i, 525d and 530d).



Light-alloy wheels star-spoke 115¹, 7 J x 16", 225/55 R 16 tyres (with wheel locking bolts).



Light-alloy wheels double-spoke 116 with runflat tyres, 7.5 J x 17", 225/50 R 17 tyres (with wheel locking bolts).



Light-alloy wheels star-spoke 138 with runflat tyres, 7.5 J x 17", 225/50 R 17 tyres (with wheel locking bolts).



Light-alloy wheels star-spoke 122 with runflat tyres, 8 J x 17", 245/45 R 17 tyres (with wheel locking bolts).



Light-alloy wheels star-spoke 123 with runflat tyres, 8 J x 18", 245/40 R 18 tyres (with wheel locking bolts).



Light-alloy wheels star-spoke 124 with runflat tyres and mixed tyres, 245/40 R 18 tyres at front, 9 J x 18", 275/35 R 18 tyres at rear (with wheel locking bolts).



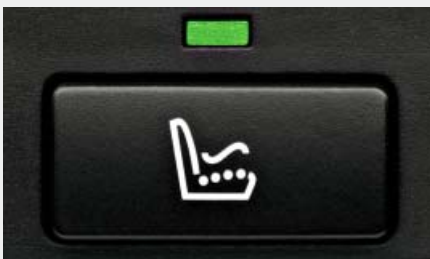
□ **Head-Up Display** shows the driver relevant information, such as the current speed. Other display data include direction arrows from the navigation system, active cruise control* functions and Check/Control data.



□ **Navigation system Professional*** with 8.8" colour display, navigation based on voice output and arrows or route map. Using the split-screen function, different functions such as radio and navigation can be displayed side by side.



■ **Controller**, the central iDrive control element (for use by driver and front passenger). This turn/press button enables intuitive control of a variety of functions shown on the Control Display. The menu system is based on the four compass directions and provides a choice of four individual menus: climate, communication, navigation and entertainment.



□ **Active seats** (for driver and front passenger) makes for relaxed sitting and driving on longer journeys. Pelvis and lumbar vertebrae are mobilised by alternating, cyclical up/down adjustments of the seat surface.



□ **Preparation for mobile phone with Bluetooth interface** (including hands-free system, connections for recharging and external aerial). A separately available snap-in adapter enables connection of a Bluetooth-compatible mobile phone which can be operated by voice control or by using the multifunction buttons on the steering wheel. For further information, please contact your BMW partner.



□ **Sequential manual gearbox (SMG)** enables sporty, rapid gear changes through all six gears via the steering wheel paddles or selector lever, without having to de-clutch. Press the Driving Dynamic Control button (sports mode) for faster engine response and optimised clutch and gearshift times. (Optional for 530i and 545i.)

Standard equipment | Optional equipment

	523i	525i	530i	545i	525d	530d	535d
Safety							
Adaptive Headlights (in conjunction with Xenon headlights)	□	□	□	□	□	□	□
Airbags:							
– Airbags for driver and front passenger	■	■	■	■	■	■	■
– Head airbags front and rear	■	■	■	■	■	■	■
– Side airbags for driver and front passenger	■	■	■	■	■	■	■
– Side airbags for rear passengers incl. belt latch tensioners for left and right rear seats	□	□	□	□	□	□	□
Alarm system	□	□	□	□	□	□	□
Brakes:							
– Disc brakes at the front, inner-vented	■	■	■	■	■	■	■
– Disc brakes at the rear, inner-vented	■	■	■	■	■	■	■
Bumper system , with replaceable crumple elements front and rear to absorb impacts of up to 15 km/h. Reversible front elements absorb impacts up to 4 km/h without damage.	■	■	■	■	■	■	■
Central locking , locks doors, luggage compartment and fuel filler cap	■	■	■	■	■	■	■
Dynamic Stability Control (DSC incl. ABS and DBC)	■	■	■	■	■	■	■
Foglights with free-form reflector	■	■	■	■	■	■	■
Headlight washing system	□	□	□	□	□	□	□
Individual sunscreen glass	□	□	□	□	□	□	□
ISOFIX child seat fastening system	■	■	■	■	■	■	■
Light-alloy wheels with runflat tyres	□	□	□	□	□	□	□
Park Distance Control (PDC) with visual and acoustic feedback	□	□	□	□	□	□	□
Radio remote control for central locking system	■	■	■	■	■	■	■
Rain sensor with automatic driving lights control	■	■	■	■	■	■	■
Runflat indicator	■	■	■	■	■	■	■
Safety battery terminal	■	■	■	■	■	■	■
Side impact protection , integrated	■	■	■	■	■	■	■
Three-point seat belts for all seats, with pyrotechnic belt tensioners at the front	■	■	■	■	■	■	■
Xenon headlights for low and high beam , incl. automatic headlight range control	□	□	□	□	□	□	□
Engine							
6-cylinder in-line diesel engine with four-valve technology	–	–	–	–	■	■	■
6-cylinder in-line petrol engine with four-valve technology	■	■	■	–	–	–	–
8-cylinder V petrol engine with four-valve technology	–	–	–	■	–	–	–
Charge air cooling	–	–	–	–	■	■	■
Common Rail injection system	–	–	–	–	■	■	■
Cylinder-specific knock control	■	■	■	■	–	–	–
Diesel particle filter	–	–	–	–	■	■	■
Digital Diesel Electronics (DDE)	–	–	–	–	■	■	■
Digital Motor Electronics (DME)	■	■	■	■	–	–	–
DISA – variable resonance induction system	■	■	■	–	–	–	–
DIVA – infinitely variable induction system	–	–	–	■	–	–	–
Double-VANOS	■	■	■	■	–	–	–
Engine mounts , hydraulically controlled	–	–	–	–	■	■	■
Ignition , stationary high-tension distribution	■	■	■	■	–	–	–
Light-alloy cylinder head	■	■	■	■	■	■	■
Light-alloy engine block	■	■	■	■	–	–	–
On-board diagnosis	■	■	■	■	■	■	■
Three-way catalytic converter , heated oxygen sensor, activated carbon filter, controlled tank purge	■	■	■	■	–	–	–
Turbocharger with variable, electronically-controlled turbine geometry	–	–	–	–	■	■	–
Valvetronic	■	■	■	■	–	–	–
Variable Twin Turbo	–	–	–	–	–	–	■

■ Standard equipment □ Optional equipment – Not available

Standard equipment | Optional equipment

Fuel consumption		523i	525i	530i	545i	525d	530d	535d
Combined	ltr/100 km	8.5 [9.3]	8.7 [9.4]	8.8 [9.3]	10.9 [10.6]	6.7 [7.8]	6.9 [7.8]	8.0
Combined, xDrive	ltr/100 km	–	9.6 [10.3]	9.7 [10.3]	–	–	–	–
CO ₂ emissions	g/km	205 [224]	210 [227]	212 [224]	264 [257]	179 [208]	184 [208]	211
CO ₂ emissions, xDrive	g/km	–	232 [249]	234 [249]	–	–	–	–

For more information on the official fuel consumption and CO₂ emissions of new passenger cars, see the "Guidelines on fuel consumption and CO₂ emissions". The book-let is sold at petrol stations, and can be obtained free of charge at the DAT (German Automobile Trust GmbH), Helmut-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen.

Transmission/suspension	523i	525i	530i	545i	525d	530d	535d
6-speed automatic transmission with Steptronic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6-speed manual gearbox	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–
Active Steering ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminium integral rear axle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double joint spring-strut front axle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dynamic Drive ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Servotronic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sequential manual gearbox (SMG) ¹	–	–	<input type="checkbox"/>	<input type="checkbox"/>	–	–	–
Sports suspension , lowered by 15 mm ¹	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
xDrive	–	<input type="checkbox"/>	<input type="checkbox"/>	–	–	–	–

Interior features	523i	525i	530i	545i	525d	530d	535d
Armrest at the front	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–
Armrest at the front , moveable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Automatic air conditioning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–
Automatic air conditioning with advanced functionality ²	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Auxiliary heating with remote control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Central air outlet , rear	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Centre armrest , rear	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Climate comfort laminated glass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Display with 6.5" colour monitor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Controller on centre console	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Courtesy lights with automatic function and soft on/off dimming	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cruise control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cruise control , active	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ³
Cupholders front	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Foot mats in velour	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Glass sliding/vent roof , electric	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glove compartment , lockable and illuminated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Green-tinted windows , all-round	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Head-Up Display	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior and exterior mirrors with automatic anti-glare function	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior mirror with automatic anti-glare function	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior trim:							
– Fine-wood trim Maple wood Sycamore Anthracite, high-gloss ⁴	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
– Fine-wood trim Poplar grain Brown, high-gloss ⁴	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
– Fine-wood trim Poplar grain Light, high-gloss ⁴	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
– Polished aluminium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
– Titanium II, Dark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	–
Leather sports steering wheel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leather steering wheel , three-spokes, with multifunction buttons	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

■ Standard equipment □ Optional equipment – Not available
Values in [] apply to vehicles with six-speed automatic transmission.

¹ Not in conjunction with xDrive.
² Includes moveable armrest and on-board computer with extended features.

³ Only in conjunction with M sports package.

⁴ Includes two 12 V sockets in the rear.

Standard equipment | Optional equipment

Interior features	523i	525i	530i	545i	525d	530d	535d
“LIGHTS ON” warning	■	■	■	■	■	■	■
Lights package , incl. entry area illumination integrated in exterior mirrors and additional illumination of functional areas in the interior	□	□	□	■	□	□	□
Luggage compartment , volume of approx. 520 ltr	■	■	■	■	■	■	■
Navigation system*:							
– Business, incl. BMW Professional radio ¹	□	□	□	□	□	□	□
– Professional, incl. 8.8-inch colour monitor and voice control ¹	□	□	□	□	□	□	□
– TV function, supports analogue and digital reception	□	□	□	□	□	□	□
Non-smoker package	■	■	■	■	■	■	■
On-board computer	■	■	■	–	■	■	–
On-board computer with extended features	□	□	□	■	□	□	■
Outside temperature display	■	■	■	■	■	■	■
Radio/audio:							
– BMW Business radio with CD drive	■	■	■	■	■	■	■
– BMW Professional radio with CD drive	□	□	□	□	□	□	□
– CD changer (six CDs)	□	□	□	□	□	□	□
– HiFi loudspeaker system	□	□	□	□	□	□	□
– HiFi System Professional LOGIC7	□	□	□	□	□	□	□
Reading lights front and rear	■	■	■	■	■	■	■
Roof liner in Anthracite	□	□	□	□	□	□	□
Seats/seat comfort:							
– Active seats for driver and front passenger	□	□	□	□	□	□	□
– Active seat ventilation for driver and front passenger	□	□	□	□	□	□	□
– Comfort seats for driver and front passenger, with electric seat adjustment	□	□	□	□	□	□	□
– Lumbar support for driver and front passenger	□	□	□	□	□	□	□
– Pockets on front-seat backrests	■	■	■	■	■	■	■
– Seat adjustment, electric, with memory function for driver’s seat	□	□	□	■	□	□	■
– Seat heating for driver and front passenger	□	□	□	■	□	□	□
– Seat heating for left and right rear seats	□	□	□	□	□	□	□
– Sports seats for driver and front passenger, with electric adjustment for backrest angle and seat height	□	□	□	□	□	□	□
– Standard seats with electric seat adjustment for backrest angle and seat height	■	■	■	–	■	■	–
Smoker package	□	□	□	□	□	□	□
Steering column adjustment, electric , for length and height	□	□	□	■	□	□	■
Steering column adjustment, manual , for length and height	■	■	■	–	■	■	–
Steering wheel heating	□	□	□	□	□	□	□
Sun blind for rear window, electric	□	□	□	□	□	□	□
Sun blinds for rear window, electric, and rear side windows, mechanical	□	□	□	□	□	□	□
Telephones:							
– Mobile phone preparation with Bluetooth interface ²	□	□	□	□	□	□	□
Through-loading system incl. ski bag	□	□	□	□	□	□	□
Universal garage door opener	□	□	□	□	□	□	□
Upholstery:							
– Cloth/leather combination	□	□	□	□	□	□	□
– Dakota leather ²	□	□	□	■	□	□	□
– Exclusive leather ²	□	□	□	□	□	□	□
– Flat-weave cloth	■	■	■	–	■	■	■
– Nasca leather ²	□	□	□	□	□	□	□
Warning triangle and first-aid kit	■	■	■	■	■	■	■
Window lifts, electric , pull/press switch with open/close fingertip control	■	■	■	■	■	■	■

■ Standard equipment □ Optional equipment – Not available

*Navigation system not available in all countries. Please consult your BMW partner.

¹ Includes on-board computer with extended features.

² Incl. cupholders and oddments compartment in rear armrest.

Standard equipment | Optional equipment

Exterior features	523i	525i	530i	545i	525d	530d	535d
Advantage package , includes Xenon headlights, headlight washing system, automatic air conditioning with extended features, moveable armrest at the front, PDC, seat heating at the front	□	–	–	–	□	–	–
Bumpers in body colour	■	■	■	■	■	■	■
Door handles in body colour	■	■	■	■	■	■	■
Exterior mirrors , aspheric, electrically adjustable and heated	■	■	■	■	■	■	■
Front doors with three-stage door brake	■	■	■	■	■	■	■
Indicators in white	■	■	■	■	■	■	■
Luggage compartment lid with radio key opening	■	■	■	■	■	■	■
Metallic paintwork	□	□	□	□	□	□	□
Model designation , deletion (no additional cost)	□	□	□	□	□	□	□
M sports package¹ , includes special aerodynamics package, light-alloy double-spoke 135M wheels or (optional) 172M wheels, sports seats for driver and front passenger, M leather steering wheel with multifunction buttons	□	□	□	□	□	□	□
Ornamental front grille with vertical slats in Black and chrome surround	■	■	■	–	■	■	■
Ornamental front grille with vertical slats in Chrome and chrome surround	–	–	–	■	–	–	–
Rear doors with two-stage door brake	■	■	■	■	■	■	■
Screenwasher nozzles on engine compartment lid , heated	■	■	■	■	■	■	■
Satin Chrome	□	□	□	□	□	□	□
Trailer tow hitch with removable ball head	□	□	□	□	□	□	□
Twin-tone horn	■	■	■	■	■	■	■
Wheels:							
– Light-alloy wheels trapezoidal-styling 134, 16" ¹	■	■	■	–	■	■	–
– Light-alloy wheels star-spoke 115, 16" ¹	□	□	□	–	□	□	–
– Light-alloy wheels double-spoke 116, 17"	–	–	–	■	–	–	–
– Light-alloy wheels double-spoke 116 with runflat tyres, 17" ^{1,2}	□	□	□	□	□	□	□
– Light-alloy wheels star-spoke 138, 17" ³	–	–	–	–	–	–	■
– Light-alloy wheels star-spoke 138 with runflat tyres, 17" ²	□	□	□	□	□	□	□
– Light-alloy wheels star-spoke 122 with runflat tyres, 17" ²	□	□	□	□	□	□	□
– Light-alloy wheels star-spoke 123 with runflat tyres, 18" ²	□	□	□	□	□	□	□
– Light-alloy wheels star-spoke 124 with mixed runflat tyres, 18" ²	□	□	□	□	□	□	□
– Spare wheel for emergency use	■	■	■	■	■	■	■
Window frames and window recess finishers in Chrome	■	■	■	■	■	■	■
Windscreen with green stripe	□	□	□	□	□	□	□

■ Standard equipment □ Optional equipment – Not available

¹ Not in conjunction with xDrive.
² Optionally with spare wheel, car jack, wheel chock, and wheel nut wrench.

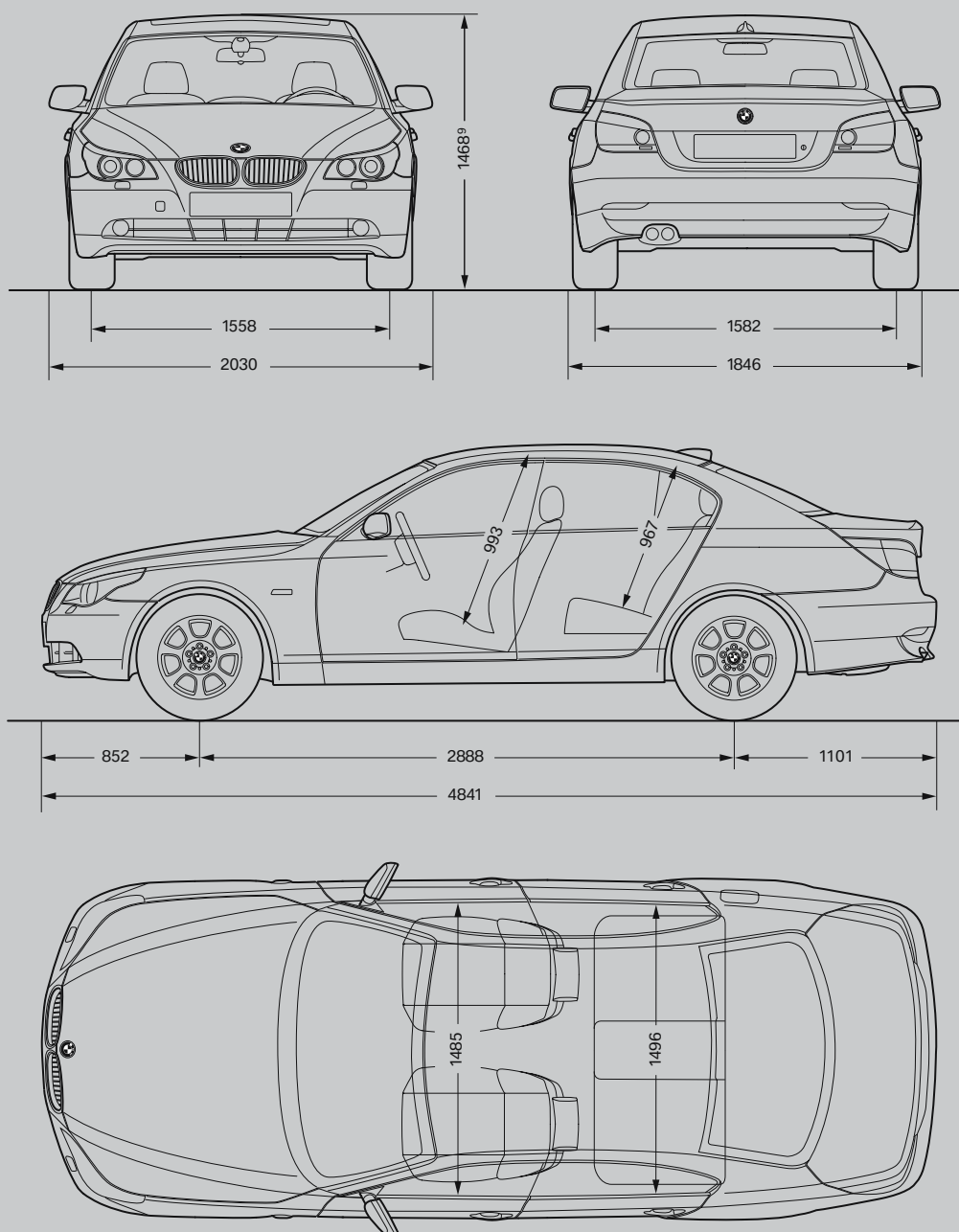
³ Standard in conjunction with xDrive.

Specifications | Technical data

Weight		523i	525i	530i	545i	525d	530d	535d¹
Unladen, EU ²	kg	1545 [1565]	1550 [1570]	1565 [1575]	1705 [1710]	1660 [1670]	1670 [1685]	1735
Unladen, EU ² , xDrive	kg	–	1665 [1680]	1665 [1680]	–	–	–	–
Max permissible	kg	2010 [2030]	2035 [2055]	2050 [2060]	2190 [2195]	2145 [2155]	2155 [2170]	2220
Max permissible, xDrive	kg	–	2150 [2165]	2150 [2165]	–	–	–	–
Permitted load	kg	540	560	560	560	560	560	560
Permitted axle load, front/rear	kg	980/1150	980/1150	980/1150	1050/1215	1050/1180	1050/1180	1070/1275
Permitted roof load	kg	100	100	100	100	100	100	100
Permitted trailer load, unbraked ³	kg	750	750	750	750	750	750	750
Permitted trailer load, braked, max. 12% gradient ³	kg	1600 [1800]	1800 [2000]	2000	2000	2000	2000	2000
Permitted trailer load, braked, max. 8% gradient ³	kg	1800	2000	2000	2000	2000	2000	2000
Engine⁴		523i	525i	530i	545i	525d	530d	535d
Cylinders/valves		6/4	6/4	6/4	8/4	6/4	6/4	6/4
Capacity	cc	2497	2497	2996	4398	2497	2993	2993
Stroke/bore	mm	78.8/82.0	78.8/82.0	88.0/85.0	82.7/92.0	75.1/84.0	90.0/84.0	90.0/84.0
Max. output	kW/hp/rpm	130/177/5800	160/218/6500	190/258/6600	245/333/6100	130/177/4000	160/218/4000	200/272/4000
Max. torque	Nm/lb-ft/rpm	230/155/3500	250/181/2750	300/221/2500	450/332/3600	400/295/2000	500/369/2000	560/413/2000
Compression ratio	:1	11.0	11.0	10.7	10.0	17.0	17.0	16.5
Transmission⁵		523i	525i	530i	545i	525d	530d	535d
Standard transmission ratios	I/II/III :1	4.32/2.46/1.66	4.32/2.46/1.66	4.35/2.50/1.67	4.06/2.40/1.58	5.08/2.80/1.78	5.08/2.80/1.78	4.17/2.34/1.52
	IV/V/VI :1	1.23/1.0/0.85	1.23/1.0/0.85	1.23/1.0/0.85	1.19/1.0/0.87	1.26/1.0/0.84	1.26/1.0/0.84	1.14/0.87/0.69
	R :1	3.94	3.94	3.93	3.68	4.61	4.61	3.40
Final drive ratio (xDrive)	:1	3.23	3.38 (3.46)	3.23 (3.23)	2.93	2.56	2.47	2.56
Performance		523i	525i	530i	545i	525d	530d	535d
Top speed	km/h	235 [232]	245 [242]	250 ⁶ [250 ⁶]	250 ⁶	230 [227]	245 [243]	250 ⁶
Top speed, xDrive	km/h	–	237 [232]	250 ⁶ [248]	–	–	–	–
Acceleration 0–100 km/h	sec	8.5 [9.3]	7.5 [7.9]	6.5 [6.7]	5.8 [5.9]	8.1 [8.3]	7.1 [7.3]	6.5
Acceleration 0–100 km/h, xDrive	sec	–	8.3 [8.4]	6.8 [7.1]	–	–	–	–
Acceleration 80–120 km/h in 4th/5th gear (manual transmission)	sec	9.4/–	7.9/–	6.6/–	5.8/–	6.5/8.1	5.4/6.7	–
Acceleration 80–120 km/h in 4th/5th gear (xDrive all-wheel drive with manual transmission)	sec	–	8.8	7.2	–	–	–	–
Fuel consumption⁷		523i	525i	530i	545i	525d	530d	535d
Urban	ltr/100 km	12.1 [13.4]	12.4 [13.5]	12.6 [13.6]	16.3 [15.8]	9.3 [10.6]	9.5 [10.8]	10.9
Urban, xDrive	ltr/100 km	–	13.7 [14.8]	13.6 [14.4]	–	–	–	–
Extra-urban	ltr/100 km	6.4 [6.9]	6.5 [7.0]	6.6 [6.8]	7.9 [7.7]	5.3 [6.2]	5.5 [6.1]	6.3
Extra-urban, xDrive	ltr/100 km	–	7.2 [7.7]	7.4 [7.9]	–	–	–	–
Combined	ltr/100 km	8.5 [9.3]	8.7 [9.4]	8.8 [9.3]	10.9 [10.6]	6.7 [7.8]	6.9 [7.8]	8.0
Combined, xDrive	ltr/100 km	–	9.6 [10.3]	9.7 [10.3]	–	–	–	–
CO ₂ emissions	g/km	205 [224]	210 [227]	212 [224]	264 [257]	179 [208]	184 [208]	211
CO ₂ emissions, xDrive	g/km	–	232 [249]	234 [249]	–	–	–	–
Tank capacity, approx.	ltr	70	70	70	70	70	70	70
Wheels		523i	525i⁸	530i⁸	545i	525d	530d	535d
Tyre dimensions		225/55 R 16 V	225/55 R 16 W	225/55 R 16 W	225/50 R 17 W	225/55 R 16 W	225/55 R 16 W	225/50 R 17 W
Wheel dimensions		7 J x 16	7 J x 16	7 J x 16	7.5 J x 17	7 J x 16	7 J x 16	7.5 J x 17
Material		Light-alloy	Light-alloy	Light-alloy	Light-alloy	Light-alloy	Light-alloy	Light-alloy
Electrical system		523i	525i	530i	545i	525d	530d	535d
Battery capacity	Ah	80	80	80	90	90	90	90
Alternator output	A	155	155	155	170	170	170	170
	W	2170	2170	2170	2380	2380	2380	2380

An explanation of the footnotes is to be found on the following page.

Specifications | Technical data



All dimensions in millimetres. Luggage compartment capacity (as per VDA standard): 520 litres (18.4 cu ft).

Values in [] apply to vehicles with six-speed automatic transmission.

¹ Only available with automatic transmission.

² The figure quoted includes a 90 per cent tank filling, 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment may increase this figure.

³ The overall weight of the trailer may not exceed the maximum permissible trailer load plus the maximum permissible towbar download of 90 kg.

⁴ The petrol engines are designed for RON 98 fuel. They may be run on fuel down to RON 91 with a slight decrease in engine power and an increase in fuel consumption.

⁵ Figures for manual gearbox (automatic gearbox for the 535d).

⁶ Electronically limited.

⁷ All engines in the BMW 5 Series meet the EU4 emissions standard. The diesel models are equipped with particle filters. Fuel consumption is determined in accordance with the ECE driving cycle made up of approximately one third urban traffic and two thirds extra-urban driving (based on the distance covered). CO₂ emissions are measured in addition to fuel consumption.

⁸ Takes 225/50 R 17 W tyres in conjunction with xDrive.

⁹ Total height of vehicles with xDrive: 1482 mm.e distance covered). CO₂ emissions are measured in addition to fuel consumption.

The models illustrated in this brochure show the specifications for the **German** market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models, standard and optional equipment, as described in the text and illustrations, may occur. For precise information, please contact your BMW partner.

Subject to change in design and equipment. Subject to error.