

The new BMW 5
Series Sedan



530i
545i



Mind over matter.



Every superfluous ounce has been shed
and replaced with power.



Our engineers added one special component: passion.



Seeing is believing.





The instruments in the new 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 new BMW 5 Series.

Everything is in its place.
Waiting for your touch.

Equipment



■ **Xenon headlights** illuminate the road ahead and to the side with brilliant clarity. These headlights also feature auto-levelling to adjust for varying passenger and cargo loads. In conjunction with the new Adaptive Headlights (optional), this also means much improved visibility in bends, as the adjustable headlights are directed into the bend as soon as the vehicle begins cornering.



■ **Rain sensor** with automatic headlights uses an infrared light to measure the amount of rain and exterior light. When the wipers are in the “intermittent” mode, the rain sensor automatically adjusts the windshield wiping interval as needed. When selected, the xenon headlights are activated as required.



■ **Heated seats, front and rear**, are a welcome feature in cooler weather. With the touch of a button, you can individually select from three heat settings.



■ **Star spoke alloy wheels, style 138**, 7.5J x 17, 225/50 R-17 all-season tires. (Available only on the 530i.)



□ **Star spoke alloy wheels, style 123**, 8.0J x 18, 245/40 R-18 performance run-flat tires. (Available only on the 530i.)



■ **Foglights** are clearly integrated in the front bumper providing extra safety in bad weather and situation of poor visibility. Ellipsoid free-form technology ensures ever spread of light on the the road.



□ **Comfort seats** at the front, electrically adjustable with multi-function control of seat angle, headrest position, backrest angle, seat height and active headrests for the driver and front passenger. Also include lumbar support, seat depth adjustment, backrest width adjustment.



■ **Heated steering wheel** is a welcome pleasure whenever there is a chill in the air. The switch is conveniently located right on the steering column.



■ **Glass sunroof** allows natural light to enter the cabin. For convenience, it offers fingertip control of sliding and vent functions, trap release and comfort opening and closing.

Equipment



■ **Multi-function leather steering wheel** allows for convenient operation of numerous functions without being distracted from road traffic – which means you keep your hands on the wheel all the time. Buttons are included for audio, cruise control and telephone. One button's function may be defined by the user.



□ **Navigation System** presents information in the dazzle-free Control Display. Driving information is provided by the voice computer, with further data added by the direction arrow (on the Info display) or the map.



■ **Controller** is the central iDrive control element for both the driver and the 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 compass directions and provides a choice of four individually coloured menus: Climate, Navigation, Communication and Entertainment.



□ **Ventilated seats** for the driver and front passenger. Ventilator fans are built into the outside seats and blow air upwards through an internal web and the micro-perforated Nasca leather to provide active ventilation.



■ **Automatic Climate Control** including Automatic Air Recirculation (AAR) provides your desired climate as quickly as possible, keeping the temperature at a steady level separately on the driver's and front passenger's side.



□ **Six-speed automatic transmission** with electronic gearshift and STEPTRONIC. You operate the transmission via the switch on the steering column or the STEPTRONIC buttons on the steering wheel. Electric shift-by-wire transmission allows a very quick and absolutely faultless shift of gears in the interest of supreme driving dynamics.

Standard Equipment | Optional Equipment

Safety	530i	545i
Active Cruise Control (ACC)	☐	☐
Alarm system with radio remote control	■	■
Adaptive Headlights	☐	☐
Airbags:		
– Airbags for driver and front passenger	■	■
– Head airbags AHPS II front and rear	■	■
– Side airbags for driver and front passenger	■	■
– Side airbags for rear passengers	☐	☐
Battery Safety Terminal (BST)	■	■
Brakes:		
– Disc brakes at the front, inner-vented	■	■
– Disc brakes at the rear, inner-vented	■	■
Central locking , locks doors, luggage compartment and fuel filler cap	■	■
Crumple units with aluminum impact absorbers front and rear, reversible up to 4 km/h impact speed, crumple elements at front up to 15 km/h	■	■
Dynamic Stability Control (DSC III , incl. traction mode and DBC)	■	■
Foglights with free-form reflector	■	■
Headlight washing system	☐	☐
Park Distance Control (PDC)	☐	☐
Rain sensor incl. Automatic Headlights, windshield wiper control and condensation sensor	■	■
Seatbelts , inertia reel seatbelts with pyrotechnic belt latch tensioner	■	■
Side impact protection , integrated	■	■
Tire Pressure Warning (TPW)	■	■
Xenon headlights with auto-levelling function	■	■
Engine	530i	545i
6-cylinder in-line engine with four-valve technology	■	–
V8 engine with four-valve technology	–	■
Cylinder-specific anti-knock control	–	■
Digital Motor Electronics	■	■
Fully variable intake system	■	■
Double-VANOS	■	■
Light alloy cylinder head	■	■
Individual Control Intake Manifold (ICIM)	■	■
On-board diagnosis	■	■
Valvetronic	–	■

■ Standard equipment ☐ Optional equipment – Not available

Standard Equipment | Optional Equipment

Transmission/Suspension	530i	545i
6-speed automatic transmission with STEPTRONIC	☐	☐
6-speed manual	■	■
Active Steering	☐	☐
Aluminum integral rear axle	■	■
Cruise Control	■	■
Double-joint spring-strut front axle	■	■
Dynamic Drive	☐	☐
Sport suspension	☐	☐
Interior Features	530i	545i
Automatic Climate Control incl. Automatic Air Recirculation (AAR)	■	■
Armrest , front, centre	■	■
Control Display	■	■
Controller on centre console	■	■
Courtesy lights with automatic function and soft on/off dimming	■	■
Electric rear sunshade with manual side sunshades	☐	☐
Glass Sunroof , electric	■	■
Glove compartment , illuminated and lockable	■	■
Head Up Display (HUD)	☐	☐
Integrated multi-purpose remote control	■	■
Interior and exterior mirrors with automatic anti-dazzle function	☐	☐
Interior Trim:		
– Titanium	■	■
– Poplar Grain	■	☐
– Anthracite Maple	☐	■
Headlight range control , electric	■	■
Leather sport steering wheel , 3-spoke, with multi-function buttons	☐	☐
“LIGHTS ON?” warning	■	■
Multi-function leather steering wheel	■	■
Outside temperature display	■	■
Reading lights front and rear	■	■
Through-load with ski bag	☐	☐
Steering column , with electric height and length adjustment	■	■
Steering wheel, heated	■	■
Window lifts, electric , pull/press switch incl open/close fingertip control for driver (open fingertip control only for front passenger)	■	■

■ Standard equipment ☐ Optional equipment – Not available

Standard Equipment | Optional Equipment

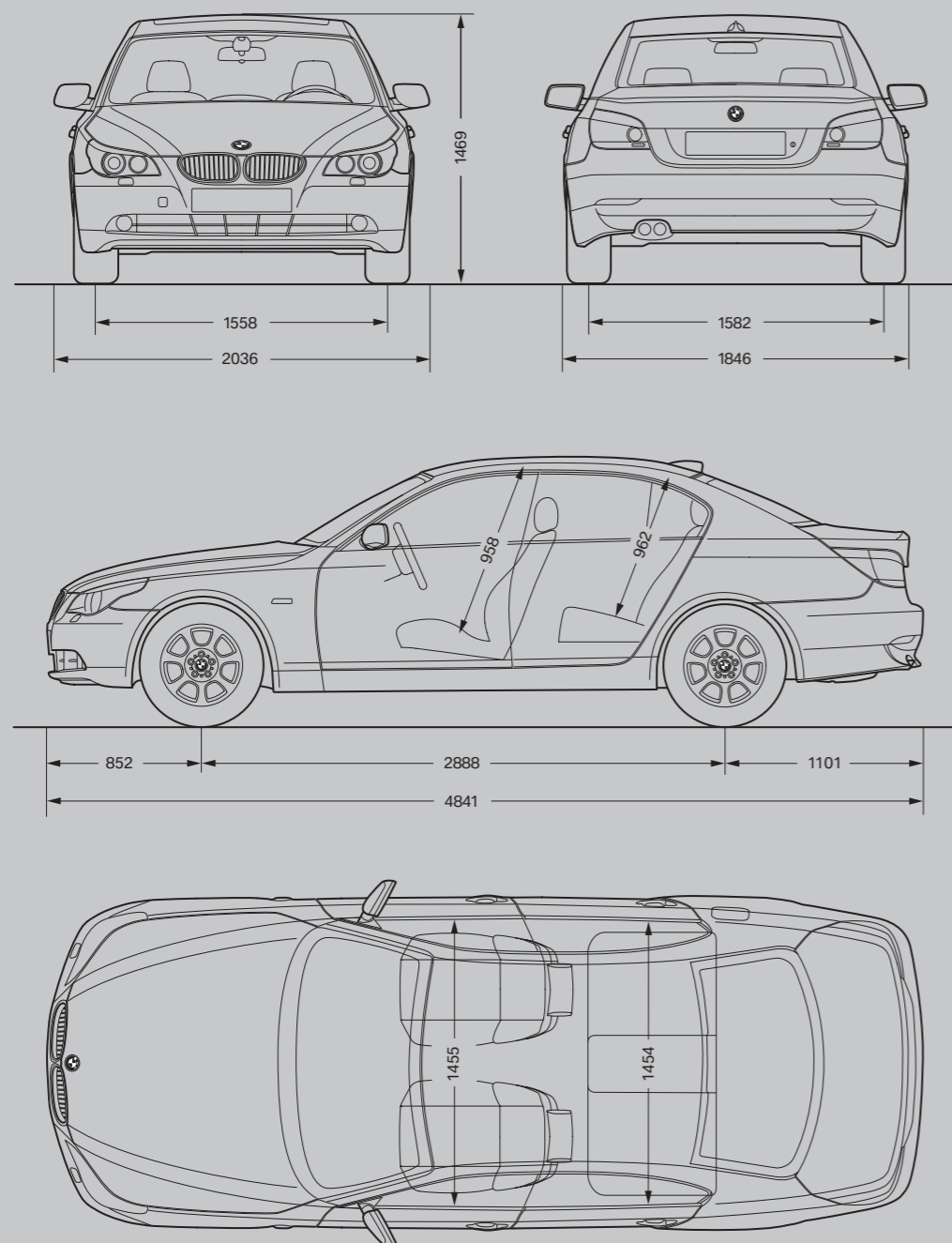
Interior Features	530i	545i
Luggage compartment , lined, volume of 520 ltr	■	■
Navigation System Professional , incl 6.5-inch colour monitor	□	□
Radio/Audio:		
– BMW Business CD, AM/FM stereo with RDS	■	■
– CD changer (6 CDs), in glove compartment	□	□
– HiFi loudspeaker system	■	■
– HiFi System Professional LOGIC7	□	□
Seats/seat comfort:		
– Electric seats with driver memory	■	■
– Comfort seats for driver and front passenger, with electric seat adjustment	□	□
– Lumbar support for driver and front passenger	□	□
– Seat heating for driver and front passenger	■	■
– Seat heating for rear seats	□	□
– Sport seats for driver and front passenger with electric seat adjustment	□	□
– Ventilated seats for driver and front passenger	□	□
Telephone:		
– BMW Assist Services	□	□
– Car telephone Professional	□	□
– Preparation for car telephone and BMW Assist	■	■
Upholstery:		
– Dakota Leather	■	■
– Nasca Leather	□	□
Voice control	□	□

■ Standard equipment □ Optional equipment – Not available

Standard Equipment | Optional Equipment

Exterior Features	530i	545i
Chrome Line Exterior	■	■
Direction indicators, white	■	■
Door handles in body colour	■	■
Exterior mirrors in body colour , electrically adjustable, aspheric	■	■
Front doors with three-stage door brake	■	■
Luggage compartment lid , with electric unlocking via a switch in the vehicle's interior or the key's remote control	■	■
Metallic paintwork	■	■
Ornamental front grille with black vertical slats and chrome surround	■	■
Rear doors with two-stage door brake	■	■
Screenwasher nozzles on engine compartment lid , heated, incl. heated exterior mirrors	■	■
Shadow Line Exterior	□	□
Wheels:		
– 17 x 7.5 Star spoke alloy wheels, style 138, 225/50R-17 all-season tires	■	–
– 18 x 8.0 Star spoke alloy wheels, style 123, 245/40R-18 performance run-flat tires	□	–
– 17 x 7.5 Double spoke alloy wheels, style 116, 225/50R-17 all-season tires	–	■
– 18 x 8.0 front/18 x 9.0 rear Star spoke alloy wheels, style 124, 245/40R-18 front; 275/35R-18 rear performance run-flat tires	–	□
Windshield with green stripe	■	■

■ Standard equipment □ Optional equipment – Not available



All dimensions in millimetres.

Values in () apply to vehicles with six-speed automatic transmission unless otherwise indicated.

¹ 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.

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Weight

		530i	545i
Curb weight ¹	kg	1575 (1585)	1620 (1625)
Max. permissible	kg	2075 (2085)	2160 (2165)
Permitted load	kg	500	600
Permitted axle load, front/rear	kg	1010/1180	1030/1195
Permitted roof load	kg	100	100
Weight distribution, front	%	50.8 (51.1)	50.9 (51.1)
Weight distribution, rear	%	49.2 (48.9)	49.1 (48.9)

Engine

Cylinders/valves		6/24	8/32
Capacity	cc	2979	4398
Bore/stroke	mm	84.0 x 89.6	92.0 x 82.7
Max. output	hp/rpm	225/5900	325/6100
Max. torque	lb-ft/rpm	214/3500	330/3600
Compression ratio	:1	10.2	10.0

Transmission

Manual transmission ratios	I/II/III :1	4.35/2.496/1.665	4.055/2.396/1.582
	IV/V/VI :1	1.23/1.0/0.851	1.192/1.00/0.872
	R :1	3.93	3.77
Automatic transmission ratios	I/II/III :1	4.17/2.34/1.52	4.17/2.34/1.52
	IV/V/VI :1	1.14/0.87/0.69	1.14/0.87/0.69
	R :1	3.40	3.40

Performance

Top speed, electrically limited	km/h	240	240
Acceleration 0–100 km/h	sec	7.0 (7.2)	5.9 (5.9)

Fuel Consumption

City	ltr/100km	TBA	TBA
Highway	ltr/100km	TBA	TBA
Tank capacity, approx.	L	70	70

Wheels

Tire dimensions		225/50 R-17	225/50 R-17
Wheel dimensions		7.5 J x 17	7.5 J x 17
Material		Light Alloy	Light Alloy

Electrical System

Battery capacity	Ah	80	90
Alternator output	Amps/watts	120/1680	170/2380

*Preliminary data.