

BMW 5 Series  
Touring

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Sheer  
Driving Pleasure

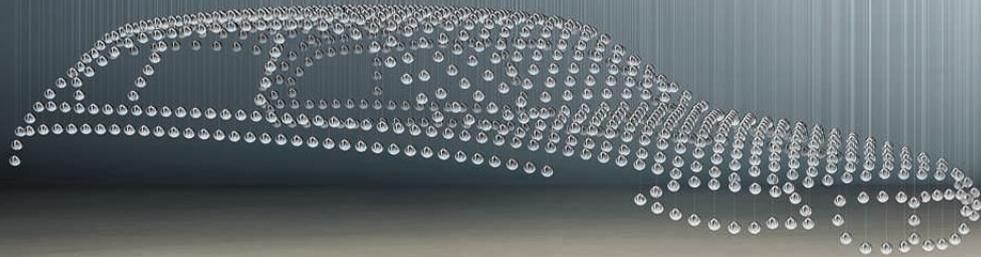


# THE BMW 5 SERIES TOURING.

JOY IS AN EXPLORATION OF BEAUTY.

**BMW EfficientDynamics**  
Less emissions. More driving pleasure.

International version. Please contact your local dealer for country specific information.



## IDEALS ARE SHAPED BY IDEAS.

Beauty, they say, is in the eye of the beholder. The beauty of a BMW has its origin in ideas. In the case of the BMW 5 Series Touring, the designers' idea was to explore the beauty of dynamism. They chose lines that are as powerful as they are elegant. They created an elongated front section that hints at dynamic ability and at the same time lowers fuel consumption. In the interior they achieved the difficult feat of creating harmony through high tension. Find out more about joy as an exploration of beauty: [www.bmw.com/5seriestouring](http://www.bmw.com/5seriestouring)



## The BMW 5 Series Touring

### THE AESTHETICS OF SPORTING ELEGANCE.

- 06 Exterior**  
The shape of perfection.
- 10 Driving pleasure**  
Highlights of the BMW 5 Series Touring.
- 20 Dynamics and design**  
Interview with chief designer Adrian van Hooydonk.
- 22 Interior**  
Cockpit and rear cabin highlights.
- 26 Experience**  
5 minutes in the BMW 5 Series Touring.

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## Technology

### ON CURVES AND POWER CURVES.

- 28 Performance**  
The BMW 5 Series Touring on the move.
- 30 BMW EfficientDynamics**  
The technology package for less emissions and more driving pleasure.
- 32 Engines**  
The new generation of petrol and diesel engines.
- 34 BMW M550 xDrive**
- 36 Chassis, safety**  
Innovations that bring joy.
- 38 BMW ConnectedDrive**  
Intelligent networking for more convenience, infotainment, and safety.
- 42 Fascination**  
The technology of the BMW 5 Series Touring.

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## Equipment

### AS INDIVIDUAL AS YOUR DREAMS.

- 44 Combination examples**
- 46 M Sport package**
- 48 BMW Individual**  
Exclusivity tailored to your wishes.
- 50 Exterior colours**
- 51 Upholstery colours**
- 52 Interior colours and interior trims**
- 54 Standard/optional equipment**
- 62 Versatility**  
Life on the move.
- 63 Original BMW Accessories**  
Multi-faceted and individual.

## Summaries

### BMW 5 SERIES TOURING OVERVIEW.

- 64 Equipment tables**
- 68 Technical data**
- 70 BMW Service and BMW brand experience**  
Exclusive offers for BMW customers.

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Editorial

# STYLISH AND VERSATILE.

Touring excellence.

Drivers of the BMW 5 Series Touring enjoy a multi-faceted lifestyle requiring a maximum of flexibility for their careers, leisure time and family. The BMW 5 Series Touring provides them with just that. It combines the looks of a sophisticated executive car with self-assured style and great versatility.

Come closer and you'll discover a wealth of smart details. The rear window opens separately to facilitate loading smaller items. The rear backrest has various tilt angles (optional) and can be split in a number of ways. If you take longer journeys, you will immediately appreciate the optional integrated rear-seat entertainment system for younger passengers. The harmonious layout of the cockpit features a multifunction steering wheel as standard and has all the classic BMW virtues.

Optional features such as the BMW Head-up Display, BMW Night Vision, Active Cruise Control and Speed Limit Info represent the latest in advanced driver assistance systems. But the trademark BMW feeling is more than just state-of-the-art technology: it arises from the direct interaction of pedal and foot, steering wheel and hands, engine and heart.

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#### Equipment of model shown: BMW 530d Touring

Engine:	BMW six cylinder in-line diesel engine
Power:	190 kW (258 hp)
Wheels:	19" light-alloy wheels V-spoke 331
Exterior colour:	Imperial Blue Brilliant Effect metallic
Upholstery:	Dakota leather Oyster/Oyster
Interior trim:	Black, high-gloss

For information on fuel consumption and CO<sub>2</sub> emissions please see pp. 68 | 69.

# FASCINATION.

AESTHETIC APPEAL ... TURNING EACH  
MOMENT INTO A MEMORABLE EXPERIENCE.



The BMW 5 Series Touring boasts perfect proportions that create an ideal balance between elegance and sporting appeal. The design is dominated by distinctive lines, from the short front overhang to the muscular tail. The elongated bonnet and long wheelbase lend the vehicle an athletic stance. But this is a car that has to be driven to appreciate its full aesthetic appeal and experience its breathtaking dynamic performance. It makes every day with the BMW 5 Series Touring a joy.

[www.bmw.com/5seriestouring](http://www.bmw.com/5seriestouring)



reddot design award  
best of the best 2011



# EXCITEMENT.

ENHANCED DRIVING PLEASURE, REDUCED FUEL CONSUMPTION.  
WHO WOULD HAVE THOUGHT?  
BMW EFFICIENT DYNAMICS.

In the BMW 5 Series Touring, anticipation turns into exhilaration within seconds. You start the engine, accelerate and immediately become aware that you have never had such an intense road experience before. You yourself can define the parameters of this experience – sporty or comfortable. With Driving Experience Control, one press of a button is enough to adjust the driving characteristics of the BMW 5 Series Touring to your preferences. And to ensure that you can enjoy each kilometre to the full, BMW EfficientDynamics is on board as well: a multi-award-winning technology package that ensures considerably reduced fuel consumption, combined with significantly enhanced power.

[www.bmw.com/EfficientDynamics](http://www.bmw.com/EfficientDynamics)



**BMW EfficientDynamics**  
Less emissions. More driving pleasure.



**EFFICIENCY IS MEASURED  
BY DRIVING ENJOYMENT.**



The BMW 5 Series Touring demonstrates in the most emphatic manner how to get more driving pleasure out of every last drop of fuel. BMW EfficientDynamics reduces fuel consumption without diminishing the exhilaration of the drive – on the contrary. Simply enjoy more agility in every bend, and more acceleration on every straight, with a clean conscience. And make full use of the BMW EfficientDynamics potential. The latest engine generation, intelligent lightweight construction, the Optimum Shift Indicator, Brake Energy Regeneration and the Auto Start/Stop function all do their part to reduce fuel consumption and emissions – while allowing you to enjoy an even more dynamic drive.

[www.bmw.com/EfficientDynamics](http://www.bmw.com/EfficientDynamics)

**THE POWER OF AN ATHLETE.  
THE DELICATE TOUCH OF AN ARTIST: THE ENGINES.**

Power demands precision. The BMW 5 Series Touring is a case in point. The immediate response and smooth running of its engines are apparent as soon as you set off. Our engineers have once again taken powertrain refinement to a new level. This is thanks to the multitude of innovations featured in the BMW 5 Series Touring, such as the highly efficient BMW TwinPower Turbo technology. The result is minimal fuel consumption, and a new benchmark for driving enjoyment.



# NETWORKING.

A UNIQUE CONNECTION BETWEEN DRIVER,  
VEHICLE AND ENVIRONMENT. BMW CONNECTED DRIVE.



BMW ConnectedDrive\* is the sum of all BMW technologies enabling the efficient networking of vehicles and their occupants with the outside world. There are optional BMW ConnectedDrive assistance systems for every situation, providing you with a high level of safety, convenience and infotainment. These include Office functionality using the Bluetooth interface, the automatic emergency call function activated in the event of an accident, and the innovative full-colour BMW Head-up Display, which projects important information directly onto the windscreen. These innovative systems make driving easier and less stressful. When parking, for example, BMW ConnectedDrive ensures that even tight parking spaces are easy to get into. The optional Park Assistant automatically measures the size of a parking space. At the press of a button, the system will then steer the vehicle into the available space by itself – all you need to do is to operate the accelerator and brake pedals. Further support is provided by the optional Surround View: this system allows you to see more in situations that would otherwise be difficult to judge. These are just two examples of how BMW ConnectedDrive supports the driver.

[www.bmw.com/ConnectedDrive](http://www.bmw.com/ConnectedDrive)

\* May not be available in all countries. Please consult your BMW partner.



# EXPERIENCING.

EVERY DAY BRINGS NEW OPPORTUNITIES. WITH THE BMW 5 SERIES TOURING, YOU ARE READY FOR ALL OF THEM.

The versatility of the BMW 5 Series Touring is immediately apparent. Its rear seatback has three fold-down sections (40:20:40), so you will always have the precise amount of space in the load bay that you need. To drop in a small item, you don't need to open the entire tailgate, but can simply open the rear window. Large, bulky items are managed with the same ease – the optional luggage compartment package allows adjustment of the rear seatback angle, increasing luggage capacity by up to 30 litres. Original BMW Accessories\* add even more flexibility. Using the optional BMW bicycle carrier, you can transport up to two bikes in the load bay of the BMW 5 Series Touring. So if the mood should ever strike you to switch to a different means of transport for a couple of hours, you can.

\* May not be available in all countries. Please consult your BMW partner.



# A BMW SHOULD ALWAYS RADIATE DYNAMISM.

Adrian van Hooydonk, Head of BMW Group Design, invited us to join him on an exclusive test drive. An interview with the expert about the design of the BMW 5 Series Touring.

Interview: Brian Finally.



Exterior designer Jean-Francois Huet gets to work on his design model.

**Adrian van Hooydonk, what was it like for you to be working on the BMW 5 Series?**

It was a special experience. The BMW 5 Series is the core product of the brand. It has the longest ancestry and embodies the ideal blend of elegance and sportiness.

**What are the main details through which you wanted to set this BMW 5 Series Touring apart from its predecessor?**

For the BMW 5 Series – not just the Touring, but also the Saloon – we developed a very upright kidney grille. It is even slightly angled towards the front to emphasise the sportiness of this model. It also establishes a link with our design history. The vehicle has a slightly more crouching stance than its predecessor, which gives it a more dynamic edge.



Adrian van Hooydonk, Head of BMW Group Design, introduces the BMW 5 Series.

**The low silhouette and slightly sloping roofline are immediately apparent features of the BMW 5 Series Touring. Could you describe the effect?**

The low silhouette in the side view underlines the sportiness of the BMW 5 Series Touring. The slightly sloping roofline adds to the car's dynamic, sleek appearance. Various details such as the elongated window design or the low-slung roof rails further emphasise this impression. When viewed from the rear, details such as the third brake light on the edge of the roof spoiler and the two distinctive light banks in the rear lights really bring out this car's individual character.

**The design appears very consistent. Not just from the outside, but also in the interior. Here we see uncluttered surfaces without any unnecessary frills – and a sophisticated lighting design. What was the idea underlying that decision?**

We opted for a very flowing design arc from the instrument panel to the doors. This means that the driver orientation – a trademark BMW feature – is very much apparent, while all controls are ergonomically arranged and beautifully designed. After all, a BMW should always convey sportiness and elegance – in the cabin as much as everywhere else.

Interior designer Oliver Heimer checking the lines and dimensions of the body on the clay model.

**Did you take special care to balance the interior design with that of the exterior?**

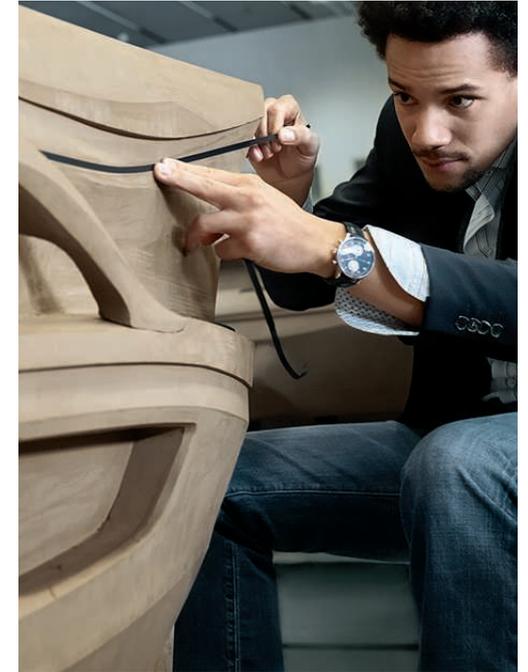
At BMW the exterior and interior will always provide a harmonious overall impression. Just as with the exterior, the closer you get, the more you will discover. The arc of the two character lines on the instrument panel which sweep along the front passenger area is one such subtle detail. The transition of the interior trim from the instrument panel to the door with its chrome accent area has been very diligently crafted. And we always use authentic, high-quality materials. Like leather hides with a fine, even grain.

**The same kind of attention to detail is apparent in the exterior. Even the door handles are exactly level with the swage line – presumably this has been well thought out?**

Features such as the integrated door handles or the dynamic shape of the side repeaters testify to the special role BMW has always attributed to sophisticated details. These beautiful, well-designed elements round off the overall impression of the vehicle and demonstrate our ability to translate our ideas into practice on the manufacturing side.

**Let's talk about the lines of the bonnet: what is the function of these small but significant design features?**

The two character lines on the bonnet add precision and definition to the model's overall looks.



**The headlights feature an eyebrow-like, milk-glass top element, while the taillights have a pronounced L-shape. What motivated you to create such distinctive lights?**

For us, it is important that people will recognise this car as a BMW even in the dark. The most important feature in this respect is the focused "look" oriented towards the road. This is achieved by the twin headlights and the way the eyebrows slightly cut across them. The trademark L-shape of the taillights is a shape that has grown out of this model's history. But illumination is provided by very modern LED elements.

**Can you explain why the kidney grille is especially distinctive and wide?**

The kidney grille is of course more than a design element. First and foremost, it serves as an air inlet. But in the BMW 5 Series, it also conveys the message that this car has lots of sporting personality!

**You put great emphasis on the dynamism of this model ...**

Of course I do! A BMW should always radiate dynamism. The BMW 5 Series appeals predominantly to customers who get a lot of joy out of driving – which includes the occasional longer journey – and who therefore appreciate the trademark BMW dynamism. In my opinion, the BMW 5 Series possesses very harmonious and well-balanced proportions, combined with the timeless elegance that has become synonymous with our large model series.

**Thank you very much for this exclusive interview! It was a pleasure talking to you.**



Emotional sketch of the exterior of the BMW 5 Series Touring.

# ENJOYING.

AN AMBIENCE THAT MAKES YOU FEEL  
YOU'VE ARRIVED BEFORE YOU SET OFF.



As soon as you feel the quality of the workmanship, your visual impression is confirmed: the interior of the BMW 5 Series Touring is a sensuous experience. Soft leather and select wood trims are available as options, making for an especially elegant ambience. To maximise driving enjoyment, all the ergonomically designed controls are oriented towards the driver. Every passenger has lots of room. In fact, it's so pleasant, it's hard to think of a better place to be.



**WELCOME  
TO YOUR HOME FROM HOME.**

The interior of the BMW 5 Series Touring is as functional as it is elegant and comfortable. It features quality materials, including optional wood trims and nappa leather upholstery, that have been put together with great attention to detail. Taut lines and horizontal design elements make for a modern ambience. The elongated design of the instrument panel continues via the side trim all the way to the rear, creating a harmonious sense of space. Passengers do not just enjoy a generous amount of room – both the front and the rear passengers also benefit from unique equipment features that maximise comfort: from the optional 4-zone automatic air conditioning (standard on 550i and M550d xDrive), enabling passengers to choose individualised air conditioning settings for each seat, to the optional rear-seat entertainment system Professional, comprising two 9.2-inch monitors, a separate DVD drive and easy-to-use controls. And finally: the sound. The 16 high-end loudspeakers of the optional HiFi system Professional create the brilliant acoustics of a concert hall in your BMW 5 Series Touring, at the push of a button.



## 5 MINUTES IN THE BMW 5 SERIES TOURING.

**Falling in love only takes 3 seconds. Forming a deep, lasting friendship takes 4 minutes and 57 seconds longer.**

The first date is always special. What do the first five minutes in the BMW 5 Series Touring feel like? BMW Magazine researched the issue and documented the results. First things first: the interior promises sheer driving pleasure.

**0:07** Operating the door handle is the first indication of things to come. The door opens with that satisfying "clunk" that is the unmistakable sign of first-class materials and precise workmanship. You take a seat behind the steering wheel and immediately feel at home. Every detail is right where you would expect it to be. You close the door, the last couple of inches, the door moves by itself, pulling itself shut with hardly a noise.

**1:12** The clear cockpit layout and the four characteristic circular dials in the instrument panel seem pleasantly familiar. High-quality materials make for a superb look and feel. Your fingertips caress the different types of surfaces. Your thumbs explore the ten buttons on the steering wheel, the cruise control switch and the dial for phone numbers and radio stations. Ergonomic perfection meets fine workmanship.

**2:47** It's so quiet, almost as though the world had been wrapped up in cotton wool. Your senses become more acute. Everything is focused on the driver; the centre console and gear selector lever are inclined towards you. Touching the buttons and controls with your fingertips, you appreciate their precise response. As you reach for them, the forward rotation of the shoulder feels familiar: it is just like trying on a tailored suit.

**3:31** Press the Start button, and the vehicle's displays and functions come to life. As soon as you operate the iDrive Controller, you realise how precise and intuitive it feels. Clear instructions on the brightly lit display help you connect your mobile phone and MP3 player in no time. Everything works together smoothly, as if all parties involved had practised a long time for this moment.

**4:55** It is fun getting to know this car. A little exciting, too, inspiring, like the first day at a job that you have long looked forward to. And then: the first press of the accelerator pedal. Still in idle. You hear the power of the engine, feel its dynamic potential, can't wait to get going. The accelerator pedal transmits its joy of movement straight to the driver. From then on, one thing is certain: you won't really want to stop again.

# THINKING AHEAD.

CUTTING-EDGE TECHNOLOGY:  
THE FUTURE IS HERE TODAY.



Having invented driving pleasure, our aim is to enhance it further, to keep taking it to new levels – using innovative technologies that don't just move your BMW from A to B, but also move your emotions while doing so. Examples are the optional BMW ConnectedDrive functions\*, the revolutionary Integral Active Steering, or the powerful and efficient engines. Experience the technologies of tomorrow today, in the BMW 5 Series Touring. It is all in line with the guiding BMW principle which says that progress is measured by increased driving pleasure.

\* May not be available in all countries. Please consult your BMW partner.





## BMW EFFICIENT DYNAMICS – MAKING A LITTLE GO A LONG WAY.

BMW was one of the first manufacturers to pursue the goal of efficient drive technologies, as part of its multi-award-winning sustainability strategy. BMW EfficientDynamics, included as standard, is a comprehensive technology package designed to reduce fuel consumption and emissions – while simultaneously enhancing dynamic performance. A winner of many technology awards, it has enabled the BMW Group to reduce the CO<sub>2</sub> emissions of its European new-vehicle fleet by about 30% since 1995. 39 models<sup>1</sup> currently produce less than 140 g of CO<sub>2</sub> per kilometre. The BMW Group intends to achieve a further 25% reduction in CO<sub>2</sub> emissions by 2020.

Different paths to the same destination: unmistakable BMW driving pleasure. Under the umbrella of the BMW EfficientDynamics project, BMW is continuously developing innovative systems that will bring us closer to the long-term goal of emission-free mobility. This BMW initiative for more driving pleasure is based on several pillars:

**Technology package.** The optimisation of vehicles powered by conventional diesel and petrol engines continues apace. A comprehensive technology package enables the reduction of fuel consumption and emissions, while at the same time increasing power output and driving enjoyment. These advances are based on innovations such as BMW TwinPower Turbo technology, the Auto Start/Stop function, Brake Energy Regeneration, and many others.

**BMW ActiveHybrid.** The BMW range includes impressive hybrid models, such as the new BMW ActiveHybrid 3<sup>2</sup> and BMW ActiveHybrid 5, and the BMW ActiveHybrid 7. All of these volume models combine high efficiency with superior dynamic performance.

**BMW ActiveE.** Since 2011, there has been a new type of dynamism on the road: the BMW ActiveE. Powered by electricity alone, it is manufactured in a small production run, as part of a pilot project. In this way, BMW is preparing the way for the emission-free mobility of tomorrow.

**BMW Hydrogen.** BMW is continuing its research into alternative drive concepts for the future, such as hydrogen drive.

**BMW i.** In line with the BMW EfficientDynamics idea, the BMW i brand is developing visionary new vehicle concepts such as the BMW i3 (Megacity Vehicle) and the BMW i8. While including existing BMW EfficientDynamics technologies, these vehicles also use new lightweight materials such as CFRP and electric drive systems with powerful battery technology such as BMW eDrive. With a focus on sustainability across the entire value-added chain and a range of supporting mobility services, BMW i is redefining individual mobility.

For further information see [www.bmw-i.com](http://www.bmw-i.com)



## THE BMW EFFICIENT DYNAMICS MEASURES IN THE BMW 5 SERIES TOURING AT A GLANCE.

**Auto Start/Stop function.**<sup>3</sup> During brief stops, for example at a red light, the Auto Start/Stop function automatically switches off the engine to reduce fuel consumption. A "Start/Stop" symbol in the Info Display indicates that the function is active. The interior temperature remains constant even with the engine switched off, ensuring that comfortable conditions are maintained during longer stops.

**BMW TwinPower Turbo technology.** BMW TwinPower Turbo technology combines advanced injection technologies and fully variable power control for enhanced efficiency with innovative turbocharger technology for added dynamism.

**Eight-speed automatic transmission.** The close spacing of gear ratios in the new optional eight-speed automatic transmission (standard on 550i, 535d and the xDrive models<sup>6</sup>) enables maximum use of the optimum rev range, lowering fuel consumption and enhancing shift comfort.

**Air vent control.** A sensor constantly determines the engine's current cooling requirements, rendering a permanent air stream through the radiator unnecessary. The air vents in front of the radiator open or close depending on the environmental temperature and road speed. When shut they improve aerodynamics, shorten the engine's warm-up time and thus reduce fuel consumption.

**Optimum Shift Indicator.** Timely gearshifts are one of the most effective and easiest ways to save fuel. This is where the Optimum Shift Indicator provided in conjunction with the six-speed manual transmission comes in. It shows the driver which gear to use in order to save fuel.

**Electric Power Steering.** Unlike conventional, hydraulic steering systems, Electric Power Steering only uses energy during actual steering. When the steering wheel position is constant the electric motor is inactive.

**Brake Energy Regeneration.** Brake Energy Regeneration means that the generator usually only generates electricity when the driver either takes the foot off the accelerator or brakes – previously unused kinetic energy is converted into electrical energy and fed into the battery.

**ECO PRO mode.**<sup>4</sup> This mode enables drivers to improve fuel economy by up to 20 per cent,<sup>5</sup> depending on their personal driving style. It optimises the accelerator pedal and transmission response, including shift points, and intelligently adapts the heating and air conditioning strategy to save fuel. ECO PRO also advises the driver when to ease up on the accelerator pedal, for example.

A number of BMW EfficientDynamics measures are equipment-dependent and not available for all model variants. Your BMW partner will be pleased to advise you further.

<sup>1</sup> Status 10/2011.

<sup>2</sup> Due to become available from 09/2012.

<sup>3</sup> Not available for 530i and 550i.

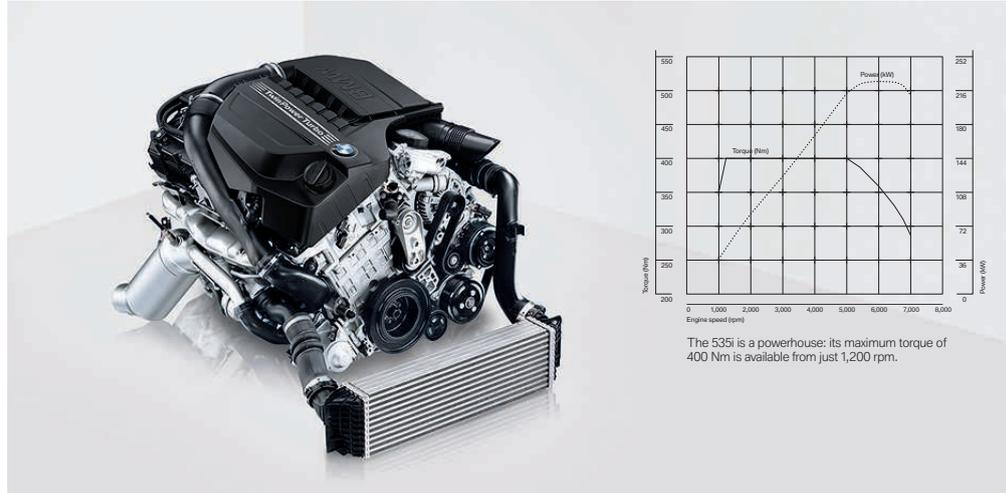
<sup>4</sup> Not available for 550i.

<sup>5</sup> Determined in an internal BMW fuel consumption study.

<sup>6</sup> M550d xDrive comes with eight-speed sport automatic transmission.

# IT ALL REVOLVES AROUND JOY. SEVERAL THOUSAND TIMES PER MINUTE.

**The petrol engines.** Power, responsiveness and revving ability characterise every BMW engine. Naturally, all the engines available for the BMW 5 Series Touring follow the BMW EfficientDynamics philosophy, aiming to combine performance with maximum efficiency, minimising both fuel consumption and CO<sub>2</sub> emissions. Whichever engine you choose, you can be certain that you will enjoy maximum driving pleasure combined with superb efficiency.



## BMW 550i.

The top-of-the-range engine is a BMW TwinPower Turbo V8 unit combining two turbochargers with Double-VANOS and High Precision Injection. These ensure a maximum torque of 600 Nm, available from 1,750 to 4,500 rpm. With a maximum power output of 300 kW (407 hp)<sup>1</sup>, the engine takes just 5.1 seconds to accelerate the car from 0 to 100 km/h. Thanks to High Precision Injection, it is also extremely fuel-efficient.

## BMW 535i.

This BMW TwinPower Turbo six-cylinder in-line petrol engine is also available in conjunction with the pioneering xDrive all-wheel drive system and combines a TwinScroll turbocharger with Valvetronic, Double-VANOS and High Precision Injection. This package of intelligent innovations significantly lowers fuel consumption while enabling impressive power: 225 kW (306 hp)<sup>1</sup>, a maximum torque of 400 Nm, and acceleration from 0 to 100 km/h in just 5.8 seconds (535i xDrive: 5.9 seconds).

## BMW 530i.

Responsive power and revving ability up to a dizzying redline of 7,000 rpm: this three-litre six-cylinder in-line petrol engine with High Precision Injection offers outstanding performance. A power output of 200 kW (272 hp)<sup>1</sup> accelerates the vehicle from 0 to 100 km/h in just 6.7 seconds. Its maximum torque of 310 Nm is reached as early as 1,600 Nm, and the electronically limited top speed is 250 km/h. Average fuel consumption is 7.9–8.2 litres per 100 km.

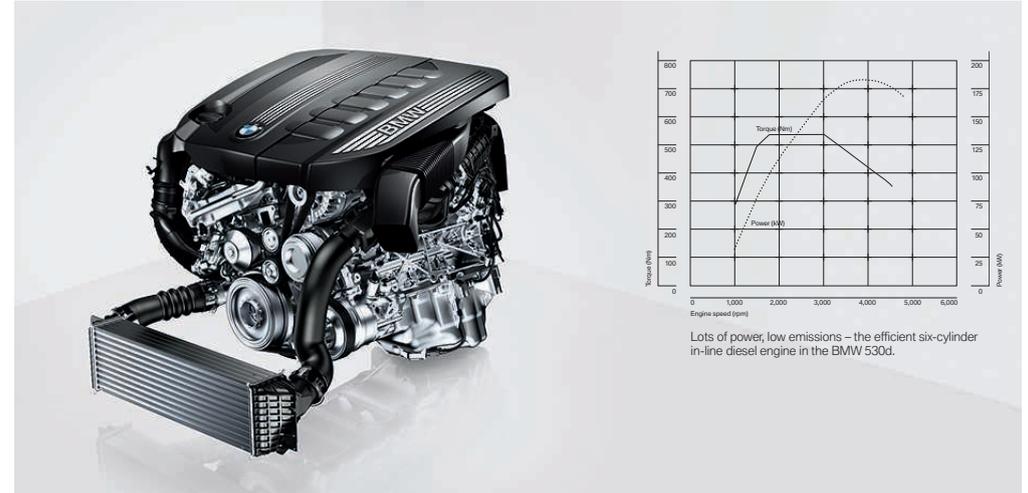
## BMW 528i.

This new 2.0-litre BMW TwinPower Turbo four-cylinder petrol unit has an all-aluminium crankcase and makes its 350 Nm maximum torque available from as little as 1,250 rpm. This is thanks to BMW TwinPower Turbo technology, combining High Precision Injection, Valvetronic, Double-VANOS and a TwinScroll turbocharger. As a result, the BMW – which is also available with the innovative xDrive all-wheel drive system – accelerates from 0 to 100 km/h in a brisk 6.4 seconds (528i xDrive: 6.7 sec), thanks to the excellent response of its TwinScroll turbocharger and its 180 kW (245 hp)<sup>1</sup> of power. Top speed is 244 km/h (528i xDrive: 240 km/h), and fuel consumption is an excellent 7.1–7.4 litres (528i xDrive: 7.3–7.6 litres) per 100 kilometres.

## BMW 520i.

This new BMW TwinPower Turbo four-cylinder petrol engine with High Precision Injection, Valvetronic, Double-VANOS and a TwinScroll turbocharger combines powerful engine output with high efficiency. The two-litre unit produces an output of 135 kW (184 hp)<sup>1</sup> and a maximum torque of 270 Nm, enabling the BMW to accelerate from 0 to 100 km/h in 8.3 seconds, with a top speed of 220 km/h. Average fuel consumption is 7.0–7.3 litres per 100 km.

**The diesel engines.** All BMW 5 Series diesel models impress with their refined power and superlative efficiency. The latest CommonRail technology combines smoothness and economy with excellent accelerator response and tremendous revving ability. All available models use lightweight aluminium engineering and come with a maintenance-free particle filter as standard. There are three six-cylinder in-line engines and three four-cylinder models to choose from. BMW BluePerformance, a technology that significantly reduces nitrogen oxide emissions, is included as standard in the BMW M550d xDrive and available as an option for the BMW 520d and the BMW 530d (only in conjunction with automatic transmission). It ensures that these vehicles already comply with the EU6 emissions standard due to be introduced in 2014.



## BMW 535d.

This new range-topping diesel with BMW TwinPower Turbo technology combines CommonRail direct injection and two sequential turbochargers with variable turbine geometry. Its 630 Nm maximum torque is already available in the low 1,500–2,500 rpm range. The smooth, extremely responsive six-cylinder in-line engine delivers 230 kW (313 hp)<sup>1</sup> of power. This model is also available in BMW 535d xDrive guise. Acceleration from 0 to 100 km/h takes 5.5 seconds, and average fuel consumption is 5.6–5.9 litres (535d xDrive: 5.9–6.2 litres) per 100 kilometres. The all-wheel drive system further enhances traction and directional stability.

## BMW 530d.

This dynamic six-cylinder in-line engine has a 3.0-litre capacity and delivers an output of 190 kW (258 hp)<sup>1</sup>, accelerating the BMW from 0 to 100 km/h in 6.2 seconds. Its maximum torque of 560 Nm will thrill you time and again, just like its outstanding efficiency: average fuel consumption is just 5.9–6.2 litres (530d xDrive: 5.7–5.9 litres) of diesel per 100 kilometres.

## BMW 525d.

This new two-litre BMW TwinPower Turbo engine delivers 160 kW (218 hp)<sup>1</sup> of power, and combines CommonRail direct injection with two sequential turbochargers and variable turbine geometry. Its maximum torque of 450 Nm is available from just 1,500 rpm. The BMW 525d, which is also available in combination with the innovative xDrive all-wheel drive system, accelerates from 0 to 100 km/h in 7.2 seconds (525d xDrive: 7.3 seconds); top speed is 236 km/h (525d xDrive: 228 km/h). Average fuel consumption is 5.3–5.5 litres (525d xDrive: 5.4–5.7 l) of diesel per 100 kilometres.

## BMW 520d.

This four-cylinder diesel engine boasts 135 kW (184 hp)<sup>1</sup> of power and a maximum torque of 380 Nm of torque available from 1,750 rpm to 2,750 rpm. This makes for an excellent response to the accelerator pedal, while fuel consumption is a very efficient 4.9–5.2 litres of diesel per 100 km. This is partly due to the Auto Start/Stop function, which turns off the engine when you are stopping at a traffic light, for example. Performance: 0 to 100 km/h in 8.3 seconds.

## M GENES INCLUDED. THE NEW BMW M550d xDRIVE.

The BMW M550d xDrive benefits from the unique expertise of BMW M engineers, with a special, fine-tuned powertrain, suspension and steering system. As a driver, you feel it most in the precise, sporty handling, which makes for a particularly intense driving experience. The new M Performance TwinPower Turbo engine generates an output of 280 kW (381 hp) and a maximum torque of 740 Nm, accompanied by a unique sound. The intelligent xDrive all-wheel drive converts this power into optimum traction and propulsion. The end result is an automobile that offers an exhilarating combination of sheer dynamism, comfort and everyday usability.



**Front air dam.** Horizontal trim bars in the air inlets emphasise sporting ability.



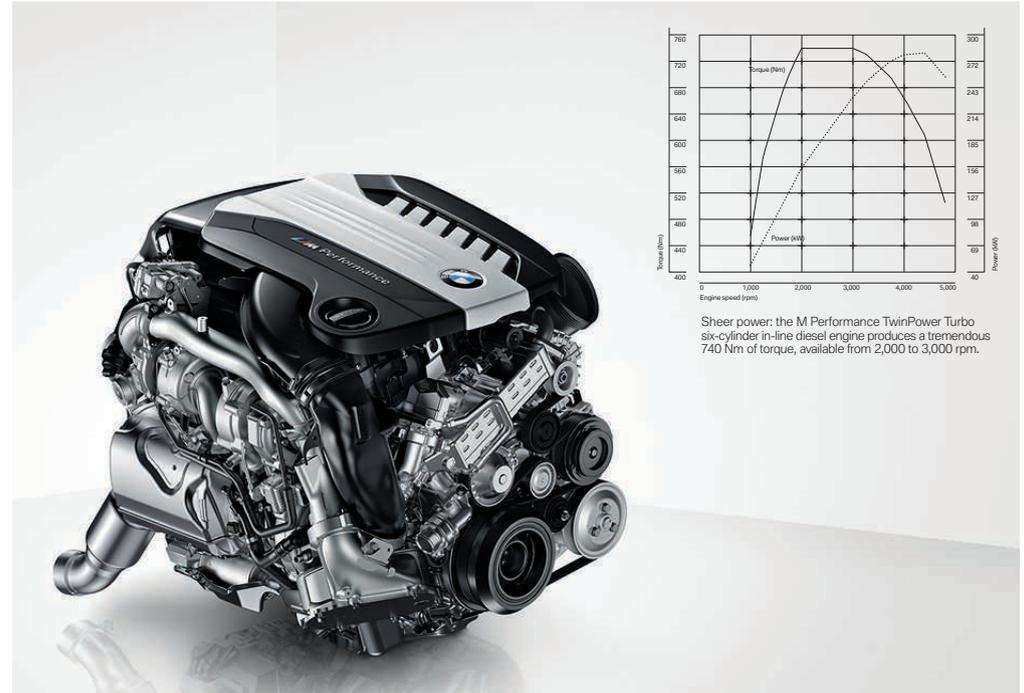
**Door sill finishers.** Distinctive aluminium entry sills with M Logo.



**Sport automatic transmission.** Gear selector lever with M Logo.



**Visual appeal from every perspective.** The new BMW M550d xDrive Touring features a number of distinctive and exclusive exterior and interior details that set it apart from other models in the series. These include special air inlets in the front air dam, exterior mirror caps in Ferric Grey metallic and BMW Individual high-gloss Shadow Line. These are perfectly matched to the 20" light-alloy wheels 434 M (optional) in Ferric Grey. The interior features design elements such as door sill finishers with "M550d" lettering, sport seats with Grey Shadow cloth/Alcantara upholstery (or, as a no-cost option, Dakota leather), M Aluminium Hexagon interior trim and the BMW Individual headliner in Anthracite.

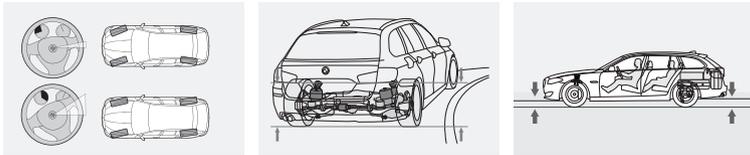


**BMW M550d xDrive.** This new M Performance TwinPower Turbo six-cylinder in-line diesel engine combines CommonRail direct injection and a unique three-stage turbocharging process with variable turbine geometry. Immediate response, high torque straight from idle, and a wide usable rev range characterise this powerplant. The result is exceptional dynamic performance: an exhilarating 740 Nm of torque, a maximum power output of 280 kW (381 hp) and acceleration from 0 to 100 km/h in 4.9 seconds. The fact that this level of performance is accompanied by a very frugal fuel consumption average of just 6.4 litres<sup>1</sup> per 100 kilometres, with CO<sub>2</sub> emissions of 169 g/km, once more underscores the innovative power of BMW in achieving a unique combination of dynamic ability and fuel efficiency. In addition, the BMW M550d xDrive is the only vehicle in its class to already comply with the EU6 emissions standard due to be introduced in 2014.



The BMW 5 Series Touring is available with a whole host of innovative technologies that help you enjoy your drive. Many of these optional systems are intelligently networked with each other. Their interaction maximises both your safety and your driving pleasure.

## THE INTELLIGENT xDRIVE ALL-WHEEL DRIVE KEEPS YOU ON TRACK – WHATEVER THE CONDITIONS.



### Integral Active Steering<sup>1</sup>.

The optional Integral Active Steering combines rear-wheel steering with a variable steering ratio on the front wheels. At speeds up to about 60 km/h, the rear wheels turn the opposite way to the front wheels. This makes the wheelbase feel shorter, for enhanced agility and manoeuvrability. At speeds above around 60 km/h, the rear wheels turn the same way as the front wheels. This increases both driving stability and comfort.

[www.bmw.com/5series/integral-active-steering](http://www.bmw.com/5series/integral-active-steering)

### Adaptive Drive<sup>2</sup>.

The optional Adaptive Drive combines two active chassis and suspension control systems: Dynamic Drive and Dynamic Damper Control, the latter allowing you to set up the dampers the way you prefer them. With Dynamic Drive, active stabilisers at the front and rear axles minimise vehicle movements. Body roll is significantly reduced, so your passengers arrive more relaxed or can even do some work on the way.

### Dynamic Damper Control.

This optional system enables the driver to adjust the dampers to the relevant driving situation. In addition to the standard "Comfort" setting, two modes are available: "Comfort+" makes for a softer damper setting, enabling the car to absorb bumps in the road and minimising vehicle movement. "Sport" on the other hand selects a stiffer suspension setting, enhancing driving pleasure.

### Driving Experience Control, incl. ECO PRO mode.<sup>3</sup>

By pressing a button, you can adjust the driving characteristics of the BMW 5 Series according to your requirements. The system fine-tunes such features as accelerator response or power steering, enabling you to individualise the dynamic feel of your BMW. In conjunction with the optional chassis and suspension control systems Adaptive Drive and Dynamic Damper Control, the dampers can be fine-tuned as well, for maximum ride comfort. The ECO PRO mode enables you to reduce fuel consumption by up to 20 per cent, depending on your personal driving style (result determined in an internal BMW fuel consumption study).

### xDrive.

For maximum traction even in difficult road conditions. With the optional intelligent xDrive all-wheel drive system (standard on M550d) and Dynamic Stability Control (DSC), the BMW models 528i, 535i, 525d, 530d and 535d remain stable and on track. xDrive monitors data such as steering angle and wheel speeds. As soon as these indicate that the vehicle is at risk of over- or understeer, the system responds within fractions of a second, using a controlled clutch to flexibly redistribute drive torque between the vehicle's axles and ensure optimum ground contact. In this way, xDrive combines the advantages of all-wheel drive – traction, safety and stability – with the hallmark agility of a BMW 5 Series.

### Self-levelling pneumatic rear suspension.

The double-wishbone front suspension removes lateral forces acting on the dampers, enabling them to respond very smoothly to the road. The rear axle uses an aluminium integral design, for superior dynamic performance combined with excellent ride comfort. It is made entirely from aluminium, which helps reduce vehicle weight. The BMW 5 Series Touring complements this with a self-levelling pneumatic rear suspension. This keeps the vehicle level, independently of the load carried, for consistently high ride comfort.

### Dynamic Stability Control (DSC).

Highly sensitive sensors track vehicle status on a permanent basis and optimise directional stability and traction as required, via engine and brake management interventions. This makes it easier to control the vehicle even in poor road conditions, enhancing both safety and driving pleasure. The xDrive models also include **Hill Descent Control (HDC)**, ensuring that the BMW automatically handles steep descents safely, at just a little more than walking speed, without the driver having to use the brakes.

### Passive safety.

All safety components complement each other perfectly. Six airbags offer specific protection, while active headrests at the front reduce the risk of whiplash injuries. Active Protection (optional) tensions the front seat belts in critical situations and automatically closes any open windows or the glass roof. The active bonnet, meanwhile, enhances pedestrian protection. In addition, the automatic emergency call\* (included in the optional BMW Assist\*) forwards relevant data such as injury risk and vehicle location to the emergency services. In this way, rescue coordinators can assess likely injuries more quickly and act more effectively.

\* May not be available in all countries. Please consult your BMW partner.

<sup>1</sup> Not available for the xDrive models.  
<sup>2</sup> Not available for four-cylinder models, 530i, 525d and 525d xDrive.  
<sup>3</sup> Available as an option for 550i (without ECO PRO mode).



**BMW CONNECTED DRIVE\* –  
FOR MORE CONVENIENCE, INFOTAINMENT AND SAFETY.**



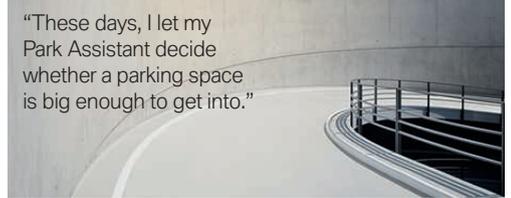
The IT revolution has changed the way we live. For BMW drivers, it has become normal to view their vehicle as another networked component of their lives – they expect to be able to access information on the go, communicate via phone or e-mail, and keep up with the latest news. BMW ConnectedDrive options ensure that you and your vehicle always remain in touch with the outside world, wherever you are. The following pages show selected highlights within the areas of convenience, infotainment and safety. For a comprehensive overview of the BMW ConnectedDrive range see [www.bmw.com/ConnectedDrive](http://www.bmw.com/ConnectedDrive)

**Revolutionising mobile networking.** The BMW Vision ConnectedDrive is a visionary roadster with a design that exhilarates from the very first glance. Its dynamic, flowing contours lead the eye from the striking front and along the stretched bonnet of this extraordinary vehicle – a synthesis of exterior and interior. Each of the three levels of the interior stands for one of three BMW ConnectedDrive components – convenience, infotainment and safety. The accompanying functions and controls are illuminated in different colours, which literally radiate a pulsating array of information. More information about this concept vehicle and further research projects is available in the new Future Lab.

[www.bmw.com/futurelab](http://www.bmw.com/futurelab)



Convenience.



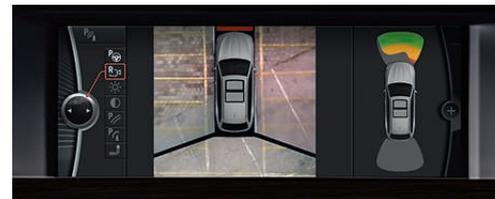
“These days, I let my Park Assistant decide whether a parking space is big enough to get into.”



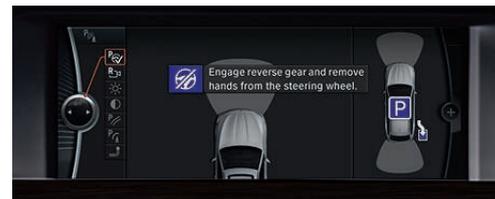
**Hands-free opening of tailgate/rear window.** The BMW ConnectedDrive Comfort Access option, in conjunction with automatic tailgate operation, is a highly practical innovation that allows contact-free opening of the tailgate for increased operating and loading comfort. Say, for instance, you are carrying shopping or luggage and don't have a free hand. With this innovative optional feature, you do not have the inconvenience of having to put your bags down because all it takes is a small movement of your foot beneath the rear bumper and sensors will trigger the opening of the tailgate or rear window. You simply need to have the remote control (car keys) on you.



**Speed Limit Info.** This optional assistance system shows the currently applicable speed limit in the instrument cluster or the Head-up Display option. A special camera captures the relevant traffic signs and a control unit processes the information together with data from the navigation system. Other components, such as the car's rain sensor, are also used. This means that the system can even pass on variable speed limits to the driver in, for example, wet conditions.



**Surround View package, Side View and rear view camera.** These optional systems enhance visibility of the area around the vehicle when manoeuvring. Surround View presents an image of the BMW as seen from above in the Control Display. Side View ensures better visibility when joining a main road from a side street or exit. The rear view camera enhances visibility when reversing at speeds below 20 km/h, for example when parking.



**Park Assistant.** This optional driver assistance system makes parallel parking easier. When travelling at speeds below 35 km/h, the system measures any parking gaps the vehicle passes. When a big enough gap has been found, the Park Assistant will do the steering, while the driver continues to operate the accelerator and brake pedals – supported by acoustic signals and instructions in the Control Display.

\* May not be available in all countries. Please consult your BMW partner.

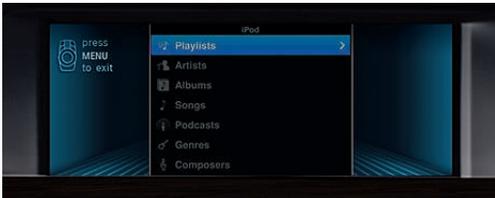
## Infotainment.



"I used to have to stay late in the office. Today, I just take it with me."



**BMW Connected App.** For the first time, you can now use apps in your BMW. With the Apps option, an iPhone and the free BMW Connected App from the Apple App Store, you're no longer limited to just listening to local radio, your calendar is with you all the time and you're always in contact with your friends. Using the iDrive system, you can easily select web radio stations from around the world. You can also call up the latest status reports from your Facebook or Twitter accounts and view upcoming appointments on the Control Display, or even have them read to you through the audio system's speakers. And that's just the beginning, more functions and apps will follow in the future.



**PlugIn.** With your iPhone and the Apps option you are always up to date – and, naturally, also in your BMW. Through PlugIn, you have direct and easy access to all menu items, you can use advanced functions such as the playback of Genius mixes and display album covers. And whenever you add iPod updates to your iPhone, they can be used in your car immediately via BMW ConnectedDrive. Thanks to this interface technology, the use of mobile devices in cars is innovative, more convenient and safer.



### Bluetooth interface with added functionality (Office).

Use the time you spend on the road even more effectively! Thanks to the optional mobile phone preparation with Bluetooth interface in conjunction with a navigation system and the intelligent integration of selected business mobile phones<sup>1</sup>, you can use the Bluetooth connection to show Office functions such as e-mails, dates, tasks or SMS messages on the Control Display while on the move, or have them read out aloud to you via the audio speakers, using the text-to-speech function. And thanks to Bluetooth Audio Streaming, wireless playback of music via selected Bluetooth-enabled devices<sup>1</sup> is not a problem.

<sup>1</sup> Information on compatible devices can be found at [www.bmw.com/bluetooth](http://www.bmw.com/bluetooth)

## Safety.



"I know what it's like when you're suddenly face to face with a deer on the road. With BMW Night Vision, I am prepared."



### BMW Night Vision with pedestrian recognition and acute warning.

An optional infrared camera in the kidney grille detects people and animals up to a distance of 300 metres, displaying its images on the Control Display. Pedestrian recognition also gives a visual warning to indicate any people moving close to the road, at a distance of less than 100 metres. This enables the driver to recognise dangerous situations sooner and take more timely action. The new acute warning helps in critical situations, for even more safety.



**Full-colour BMW Head-Up Display.** This optional system projects key information directly into the driver's field of vision, using a multi-coloured TFT display. It indicates current speed, for example, or displays navigation information. More colours now make it even easier to distinguish between general driving information such as speed limits and urgent warnings en route, including "Pedestrian in your path" (optional with BMW Night Vision). With a constant view of the road, driving becomes even safer.



**Active Cruise Control with Stop&Go function, incl. collision warning with brake activation.** Optional, for added convenience and active safety in stop-and-go traffic. The system measures the gap to the vehicle ahead on an ongoing basis and automatically maintains an appropriate distance. Once the lane ahead becomes free, the system accelerates again up to the desired speed. In critical situations, the collision warning with brake activation becomes active, enhancing safety.



### Lane Departure Warning System and Lane Change Warning System (both optional).

At speeds above around 70 km/h, the Lane Departure Warning System registers lane markings. If the vehicle threatens to swerve out of its lane, the system warns the driver through a slight vibration of the steering wheel. If the driver has activated the indicator – meaning that the lane change is intentional – the warning is suppressed. By means of a visible alert in the exterior mirror, the Lane Change Warning System warns the driver of a vehicle in the blind spot or approaching at speed.



#### How does the BMW Head-up Display work?

When I am in the middle of rush-hour traffic, I don't want to take my eyes off the road even for a second. Otherwise I miss my turn-off. Luckily, I don't have to – the full-colour BMW Head-up Display projects navigation instructions and other important information on the windscreen, directly in my field of vision. The display looks as though it were floating above the bonnet. How does that work? Inside the dashboard support structure, there is a monitor, similar to the display in a mobile phone. LEDs generate an image on this display. This is projected onto the windscreen via four mirrors, like in a slide projector. In the process, its size is magnified six times. And although the display is reflected on the windscreen, due to the clever optical arrangement it appears to the driver to be about two metres away. The eyes don't have

to refocus, making driving less tiring. The driver is less distracted and more relaxed, because there is no need to move the eyes from the instrument cluster to the road and back.

#### What's the benefit of Integral Active Steering?

With a BMW, a trip into the mountains is highly enjoyable: twisting roads make a welcome change from monotonous driving on the motorway. The responses of the BMW 5 Series Touring are immediate and direct. But why is it that I stay so relaxed even in the tightest corners? The Integral Active Steering with rear-wheel steering varies the steering effort in line with vehicle speed, using Servotronic. For the first time, the system controls the steering angle of the rear wheels along with that of the front wheels. This makes for added precision on twisting mountain roads and enhances control for quick lane changes on the motorway.

**What does the Speed Limit Info do?** It's a weekend: the weather is nice, the road is excellent and clear. Time to put the foot on the accelerator. But how fast am I allowed to go here? The last road sign was a while ago, and there might be a speed limit just around the corner. The Speed Limit Info has all speed limits in its memory. It is a good investment. Lots of information is already available in the navigation system – for example, if a speed limit only applies at night. In addition, a camera in the rear-view mirror reads road signs with place names

or speed limits. The currently permitted maximum speed is shown in the instrument cluster, or optionally in the BMW Head-up Display. The system works all over Europe, in towns, in the countryside, on motorways and even in roadworks or areas where speed limits vary. The Speed Limit Info even consults the rain sensor and clock before it shows a limit.

**What is Active Cruise Control?** A congested motorway. Slow-moving traffic, more stop than go. A situation no driver relishes. But in the BMW 5 Series Touring, it is still a relaxed affair. As soon as the car ahead stops, the BMW too comes to a smoothly controlled halt. Once the car ahead starts moving again, so does the BMW 5 Series Touring, as if it had eyes of its own. And it does: a radar sensor monitors the area in front of the car. Its visual range extends from just in front of the bumper to 150 metres ahead – because Active Cruise Control is not just for slow traffic, it also works at higher speeds, up to 180 km/h on the Autobahn. The system also warns the driver of potential collisions, using two warning levels. The integrated light-braking function ensures that maximum braking power is available in the event of an emergency.



**What does the Park Assistant do?** Every evening it is the same: stressed drivers trying to find a parking space. One gap seems too short, another not wide enough. Luckily, I don't have to rely on estimates any longer. I trust my Park Assistant and leave steering to my BMW. How does it work? Using sensors, the Park Assistant establishes the size of the gap. If you pass a large enough parking space with the assistant switched on, the assistant will signal a green light. You put the car in reverse gear, take the hands off the steering wheel and press the accelerator or brake pedal; the BMW 5 Series Touring takes care of everything else. Park Distance Control or the rear view camera will always tell you how big the gap to other parked vehicles is.

#### BMW and Apple iPhone: the perfect combination?

I get in, press the Start button, and my favourite song comes out of the loudspeakers. How come? Luck? The Apple iPhone or any other Bluetooth-capable mobile phone communicates perfectly with the BMW 5 Series Touring, and the connection is easy to establish. The address book and the music library are automatically available. It's all thanks to Bluetooth technology connecting the hands-free equipment in the BMW with the mobile phone. So you can access telephone numbers stored in your mobile phone via the iDrive Controller or the buttons on the steering wheel. All you have to do to start a hands-free call is to press a button. After docking to the BMW Adapter, the entire music library is available as well via iDrive, in the accustomed order.



**SIX  
TECHNICAL  
QUESTIONS.**

## Elegant presentation.



The Havana metallic exterior colour emphasises the elegant looks of the BMW 5 Series Touring. This effect is reinforced in the interior with Exclusive Nappa leather upholstery in Oyster and dark Ash Grain wood trim. The

Panorama sunroof floods the interior with light, and the 18" light-alloy wheels featuring the radial-spoke 237 design add the finishing touches.

## Dynamic personality.



The combination of Cashmere Silver paintwork and Dakota leather in Cinnamon Brown adds a sporting touch to the BMW 5 Series Touring, which is perfectly complemented by the 18" light-alloy wheels with turbine styling 329. The sport

leather steering wheel and the Fine Brushed Aluminium interior trim further emphasise the dynamic appeal of this BMW model.



## The M Sport package. Maximising dynamic ability.



□ **M Sport package:**<sup>1</sup> This package includes sport seats, the M leather steering wheel, Aluminium Hexagon interior trim and the BMW Individual roofliner in Anthracite. The dynamic appeal of the exterior is enhanced by a special aerodynamics package and the 18" M light-alloy wheels,

double-spoke 350 M, included as standard (19" M light-alloy wheels, double-spoke 351 M,<sup>1</sup> shown here, are available as an option). The M Sport package is available in conjunction with seven attractive exterior colours and includes the M Sport suspension.<sup>2</sup>



18" M light-alloy wheels double-spoke 350 M, 8 J x 18, 245/45 R 18.



□ 19" M light-alloy wheels double-spoke 351 M, 8.5 J x 19, 245/40 R 19 (standard on M550d xDrive).



**Rear diffuser** increases downforce on the rear axle at high speeds. The Dark Chrome finish of the tailpipes further adds to the car's visual appeal.



**M door sill finisher** with chrome insert and M logo, attracts the eye as soon as you open the door.



**M leather steering wheel** with multifunction buttons features bigger thumb rests and a thicker rim for extra grip.



powered by 

<sup>1</sup> Standard on M550d xDrive, with different content.  
<sup>2</sup> xDrive models without M Sport suspension.

## BMW Individual. The most exclusive way to drive a BMW.

True exclusivity is defined by the very highest standards: those that each person sets for themselves. BMW Individual enables you to realise these standards in the car you drive.

□ In the BMW 5 Series Touring shown here the new BMW Individual exterior colour Amazonite Silver metallic and the BMW Individual fine-grain Merino leather in Graphite create a harmonious interplay of sophisticated shades of colour. The characteristic iridescence of the paint finish varies from a warm pastel grey to a subtle green tint, depending on the angle of light. These brilliant hues and the special pigmentation below the surface lend BMW Individual paint finishes their extraordinary intensity. The BMW Individual fine-grain Merino leather with its exquisite, natural surface texture makes for maximum exclusivity, with a soft, velvety feel and breathable structure. BMW Individual interior trims add striking accents, displaying choice woods and immaculate workmanship. The Piano Finish Black trim shown here is another exclusive option, with a high-gloss surface that is usually only achieved by the world's leading piano makers.



Experience BMW Individual interactive. With the BMW Individual iPad app.



BMW Individual paint finish Champagne Quartz metallic.



19" light-alloy wheels V-spoke 349 I. 8.5 J x 19, 245/40 R 19 tyres.



Fine-grain Merino leather trim in Platinum.



Extended fine-grain Merino leather trim in Platinum, with Satin Walnut Honey Brown wood trim and wood insert for leather steering wheel.

BMW Individual paint finish Amazonite Silver metallic.



Extended fine-grain Merino leather trim in Graphite, with Piano Finish Black interior trim.