

# The new BMW 5 Series. Highlights.



- Premiere for the new BMW 5 Series: extensively updated exterior design with heightened presence and sporting allure, further enhanced premium feel for the interior, increased efficiency and dynamism through drive system electrification, cutting-edge innovations in the areas of driver assistance, control/operation and connectivity.
- New chapter in the successful history of the BMW 5 Series (first introduced in 1972); worldwide sales of the current model generation have topped 600,000 units. Market launch of the new BMW 5 Series Sedan and new BMW 5 Series Touring from July 2020.
- New, eye-catching design accents, clearly structured surfaces at the front and rear, newly designed BMW kidney grille now wider and taller, new LED headlights with slimmer contours, Adaptive LED Headlights with matrix technology added to the options list, BMW Laserlight now available as an option for all model variants, new three-dimensional sculpted rear lights, all model variants now with trapezoidal exhaust tailpipe finishers.
- New exterior colours and additional BMW Individual paint finishes, M Sport package with new and muscular design features, additional model-specific accents for the flagship BMW M550i xDrive Sedan (fuel consumption, combined: 10.0 – 9.7 l/100 km [28.3 – 29.1 mpg imp]; CO<sub>2</sub> emissions, combined: 229 – 221 g/km) with 390 kW/530 hp V8 engine. Optional M Sport brakes now with brake callipers painted in either blue or red.
- New light-alloy wheels in 18- to 20-inch formats, 20-inch BMW Individual Air Performance Wheels available as an option for the first time, innovative design minimises the wheels' weight and air resistance.
- Interior design with detail refinements, optional 12.3-inch Control Display (10.25-inch Control Display now standard), automatic climate control with extended features and sports leather steering wheel with newly arranged multifunction buttons. Controls on the centre console now in High-gloss Black. New Sensatec perforated trim variant for the seat surfaces;

comfort seats and new M multifunction seats with optimised seating comfort, new interior trim strips.

- BMW 5 Series M Sport Edition: special-edition version of the new BMW 5 Series Sedan and new BMW 5 Series Touring available from launch in a limited run of 1,000 units; includes the M Sport package, the Donington Grey metallic paint finish previously only available for BMW M models and exclusive, 20-inch BMW Individual Air Performance Wheels in bi-colour design.
- Plug-in hybrid range expands to five models: latest-generation BMW eDrive technology now also offered for the BMW 5 Series Touring. BMW 530e Touring (fuel consumption, combined: 2.1 – 1.9 l/100 km [134.5 – 148.7 mpg imp]; electric power consumption, combined: 15.9 – 14.9 kWh/100 km; CO<sub>2</sub> emissions, combined: 47 – 43 g/km), BMW 530e xDrive Touring (fuel consumption, combined: 2.3 – 2.1 l/100 km [122.8 – 134.5 mpg imp]; electric power consumption, combined: 16.9 – 15.9 kWh/100 km; CO<sub>2</sub> emissions, combined: 52 – 49 g/km) and BMW 545e xDrive Sedan (fuel consumption, combined: 2.4 – 2.1 l/100 km [117.7 – 134.5 mpg imp]; electric power consumption, combined: 16.3 – 15.3 kWh/100 km; CO<sub>2</sub> emissions, combined: 54 – 49 g/km) with six-cylinder in-line combustion engine available from autumn 2020. New BMW eDrive Zone function – standard for all plug-in hybrid models – automatically switches the car to all-electric mode when entering ‘green zones’.
- Introduction of new 48V mild hybrid technology for all four- and six-cylinder engines (country-specific availability); more rapid responses and enhanced efficiency thanks to 48V starter-generator; 8 kW/11 hp power spike to both lighten the combustion engine’s workload and boost its power.
- Further developed BMW TwinPower Turbo technology: four- and six-cylinder petrol engines with optimised petrol injection; all diesel engines now with two-stage turbocharging. All model variants now meet the Euro 6d emissions standard.
- Optional Integral Active Steering offers greater assistance in low-speed manoeuvring; new version of chassis system now also available for plug-in hybrid models.

- New driver assistance systems and extended functions pave the way for automated driving: Lane Departure Warning – part of the optional Driving Assistant – now also with lane return function; new optional Driving Assistant Professional now includes Active Navigation with the help of the Lane Change Assistant and junction warning (now with city braking) functions. 3D visualisation of the surrounding area shows traffic situations and possible interventions by the driver assistance systems in the instrument cluster.
- Optional Parking Assistant with additional reversing assistant function.
- New BMW Drive Recorder in the BMW 5 Series (part of the optional Parking Assistant Plus) records up to 40 seconds of video footage from points around the vehicle.
- Standard-fitted BMW Operating System 7 opens up a host of potential new applications and connectivity options, as well as extended personalisation.
- BMW Intelligent Personal Assistant digital companion with extended functions; optimised interaction courtesy of new graphics in the Control Display.
- Premiere for BMW Maps: New cloud-based navigation system offers extremely fast and precise calculation of routes and arrival times. Real-time traffic data updates at short intervals, driver can now enter any word when selecting a destination.
- Standard smartphone integration now also features wireless WiFi connectivity; information shown in the Control Display, instrument cluster and optional Head-Up Display.
- Remote Software Upgrade introduced in the new BMW 5 Series: Vehicle-specific content and updates such as function extensions for driver assistance systems can be integrated into the car over the air, vehicle software always has the latest updates, digital services can be added at a later date.
- BMW Digital Key turns a smartphone into a car key: Drivers can share this digital key for accessing the car and starting the drive system with up to five other people.

## **Model variants:**

### **Plug-in hybrid models:**

#### **BMW 530e Sedan (BMW 530e xDrive Sedan):**

Four-cylinder in-line petrol engine, plug-in hybrid system with synchronous electric motor, eight-speed Steptronic transmission, (BMW xDrive).

Combustion engine:

Capacity: 1,998 cc, output: 135 kW/184 hp at 5,000 – 6,500 rpm,  
max. torque: 300 Nm (221 lb-ft) at 1,350 – 4,000 rpm.

Electric motor:

Output: 80 kW/109 hp, max. torque: 265 Nm (195 lb-ft).

Combined system output: 215 kW/292 hp, max. combined torque: 420 Nm (310 lb-ft).

Acceleration [0 – 100 km/h (62 mph)]: 5.9 seconds (5.9 seconds),

top speed: 235 km/h [146 mph] (235 km/h [143 mph]),

top speed (electric): 140 km/h [87 mph] (140 km/h [87 mph]).

Electric range: 62 – 67 km (56 – 58 km).

Fuel consumption, combined: 1.8 – 1.7 l/100 km [156.9 – 166.2 mpg imp] (2.1 – 2.0 l/100 km [134.5 – 141.2 mpg imp]),

electric power consumption, combined: 14.8 – 13.7 kWh/100 km (16.4 – 15.9 kWh/100 km),

CO<sub>2</sub> emissions from fuel, combined: 42 – 39 g/km (49 – 46 g/km),

exhaust standard: Euro 6d.

#### **BMW 530e Touring (BMW 530e xDrive Touring) (from 11/20):**

Four-cylinder in-line petrol engine, plug-in hybrid system with synchronous electric motor, eight-speed Steptronic transmission, (BMW xDrive).

Combustion engine:

Capacity: 1,998 cc, output: 135 kW/184 hp at 5,000 – 6,500 rpm,  
max. torque: 300 Nm (221 lb-ft) at 1,350 – 4,000 rpm.

Electric motor:

Output: 80 kW/109 hp, max. torque: 265 Nm (195 lb-ft).

Combined system output: 215 kW/292 hp, max. combined torque: 420 Nm (310 lb-ft).

Acceleration [0 – 100 km/h (62 mph)]: 6.1 seconds (6.1 seconds),

top speed: 225 km/h [140 mph] (225 km/h [140 mph]),

top speed (electric): 140 km/h [87 mph] (140 km/h [87 mph]).

Electric range: 58 – 62 km (53 – 56 km).

Fuel consumption, combined: 2.1 – 1.9 l/100 km [134.5 – 148.7 mpg imp] (2.3 – 2.1 l/100 km [122.8 – 134.5 mpg imp]),

electric power consumption, combined: 15.9 – 14.9 kWh/100 km  
(16.9 – 15.9 kWh/100 km),  
CO<sub>2</sub> emissions from fuel, combined: 47 – 43 g/km (52 – 49 g/km),  
exhaust standard: Euro 6d.

### **BMW 545e xDrive Sedan (from 11/2020):**

Six-cylinder in-line petrol engine, plug-in hybrid system with synchronous electric motor, eight-speed Steptronic transmission, BMW xDrive.

Combustion engine:

Capacity: 2,998 cc, output: 210 kW/286 hp at 5,000 – 6,000 rpm  
max. torque: 450 Nm (332 lb-ft) at 1,500 – 3 500 rpm.

Electric motor:

Output: 80 kW/109 hp, max. torque: 265 Nm (195 lb-ft).

Combined system output: 290 kW/394 hp, max. combined torque: 600 Nm  
(442 lb-ft).

Acceleration [0 – 100 km/h (62 mph)]: 4.7 seconds,

top speed: 250 km/h [155 mph],

top speed (electric): 140 km/h [87 mph].

Electric range: 54 – 57 km.

Fuel consumption, combined: 2.4 – 2.1 l/100 km [117.7 – 134.5 mpg imp],

electric power consumption, combined: 16.3 – 15.3 kWh/100 km,

CO<sub>2</sub> emissions from fuel, combined: 54 – 49 g/km,

exhaust standard: Euro 6d.

### **Petrol models:**

#### **BMW 520i Sedan:**

Four-cylinder in-line petrol engine, mild hybrid technology,  
eight-speed Steptronic transmission.

Capacity: 1,998 cc, output: 135 kW/184 hp at 5,000 – 6,500 rpm,  
max. torque: 290 Nm (214 lb-ft) at 1,350 – 4 250 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 7.9 seconds,

top speed: 235 km/h [146 mph].

Fuel consumption, combined: 5.5 – 5.3 l/100 km (51.4 – 53.3 mpg imp),

CO<sub>2</sub> emissions from fuel, combined: 125 – 120 g/km,

exhaust standard: Euro 6d.

### **BMW 520i Touring:**

Four-cylinder in-line petrol engine, mild hybrid technology, eight-speed Steptronic transmission.

Capacity: 1,998 cc, output: 135 kW/184 hp at 5,000 – 6,500 rpm, max. torque: 290 Nm (214 lb-ft) at 1,350 – 4 250 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 8.3 seconds, top speed: 225 km/h [140 mph].

Fuel consumption, combined: 5.7 – 5.5 l/100 km (49.6 – 51.4 mpg imp), CO<sub>2</sub> emissions from fuel, combined: 131 – 126 g/km, exhaust standard: Euro 6d.

### **BMW 530i Sedan (BMW 530i xDrive Sedan):**

Four-cylinder in-line petrol engine, mild hybrid technology, eight-speed Steptronic transmission, (BMW xDrive).

Capacity: 1,998 cc, output: 185 kW/252 hp at 5,200 – 6,500 rpm, max. torque: 350 Nm (258 lb-ft) at 1,450 – 4,800 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 6.4 seconds (6.3 seconds), top speed: 250 km/h [155 mph] (250 km/h [155 mph]).

Fuel consumption, combined: 5.5 – 5.3 l/100 km [51.4 – 53.3 mpg imp] (6.1 – 5.9 l/100 km [46.3 – 47.9 mpg imp]), CO<sub>2</sub> emissions from fuel, combined: 126 – 121 g/km (140 – 135 g/km), exhaust standard: Euro 6d.

### **BMW 530i Touring (BMW 530i xDrive Touring):**

Four-cylinder in-line petrol engine, mild hybrid technology, eight-speed Steptronic transmission, (BMW xDrive).

Capacity: 1,998 cc, output: 185 kW/252 hp at 5,200 – 6,500 rpm, max. torque: 350 Nm (258 lb-ft) at 1,450 – 4,800 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 6.7 seconds (6.6 seconds), top speed: 250 km/h [155 mph] (250 km/h [155 mph]).

Fuel consumption, combined: 5.8 – 5.6 l/100 km [48.7 – 50.4 mpg imp] (6.4 – 6.2 l/100 km [44.1 – 45.6 mpg imp]), CO<sub>2</sub> emissions from fuel, combined: 133 – 127 g/km (147 – 142 g/km), exhaust standard: Euro 6d.

### **BMW 540i Sedan (BMW 540i xDrive Sedan):**

Six-cylinder in-line petrol engine, mild hybrid technology, eight-speed Steptronic transmission, (BMW xDrive).

Capacity: 2,998 cc, output: 245 kW/333 hp at 5,500 – 6,250 rpm, max. torque: 450 Nm (332 lb-ft) at 1,600 – 4,800 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 5.2 seconds (4.9 seconds),  
top speed: 250 km/h [155 mph] (250 km/h [155 mph]).  
Fuel consumption, combined: 6.5 – 6.3 l/100 km [43.5 – 44.8 mpg imp] (6.8 –  
6.6 l/100 km [41.5 – 42.8 mpg imp]).  
CO<sub>2</sub> emissions from fuel, combined: 149 – 144 g/km (156 – 152 g/km),  
exhaust standard: Euro 6d.

### **BMW 540i xDrive Touring:**

Six-cylinder in-line petrol engine, mild hybrid technology,  
eight-speed Steptronic transmission, BMW xDrive.  
Capacity: 2,998 cc, output: 245 kW/333 hp at 5,500 – 6,250 rpm,  
max. torque: 450 Nm (332 lb-ft) at 1,600 – 4,800 rpm.  
Acceleration [0 – 100 km/h (62 mph)]: 5.2 seconds,  
top speed: 250 km/h (155 mph).  
Fuel consumption, combined: 7.1 – 7.0 l/100 km (39.8 – 40.4 mpg imp),  
CO<sub>2</sub> emissions from fuel, combined: 164 – 159 g/km,  
exhaust standard: Euro 6d.

### **BMW M550i xDrive Sedan:**

V8 petrol engine, eight-speed Steptronic transmission, BMW xDrive.  
Capacity: 4,395 cc, output: 390 kW/530 hp at 5,500 – 6,000 rpm,  
max. torque: 750 Nm (553 lb-ft) at 1 800 – 4 600 rpm.  
Acceleration [0 – 100 km/h (62 mph)]: 3.8 seconds,  
top speed: 250 km/h (155 mph).  
Fuel consumption, combined: 10.0 – 9.7 l/100 km (28.3 – 29.1 mpg imp),  
CO<sub>2</sub> emissions from fuel, combined: 229 – 221 g/km,  
exhaust standard: Euro 6d.

### **Diesel models:**

#### **BMW 520d Sedan (BMW 520d xDrive Sedan):**

Four-cylinder in-line diesel engine, mild hybrid technology,  
eight-speed Steptronic transmission, (BMW xDrive).  
Capacity: 1,995 cc, output: 140 kW/190 hp at 4,000 rpm,  
max. torque: 400 Nm (295 lb-ft) at 1,750 – 2,500 rpm.  
Acceleration [0 – 100 km/h (62 mph)]: 7.2 seconds (7.2 seconds),  
top speed: 235 km/h [146 mph] (232 km/h [144 mph]).  
Fuel consumption, combined: 4.3 – 4.1 l/100 km [65.7 – 68.9 mpg imp] (4.5 –  
4.3 l/100 km [62.8 – 65.7 mpg imp]),

CO<sub>2</sub> emissions from fuel, combined: 112 – 108 g/km (118 – 114 g/km),  
exhaust standard: Euro 6d.

**BMW 520d Touring (BMW 520d xDrive Touring):**

Four-cylinder in-line diesel engine, mild hybrid technology,  
eight-speed Steptronic transmission, (BMW xDrive).  
Capacity: 1,995 cc, output: 140 kW/190 hp at 4,000 rpm,  
max. torque: 400 Nm (295 lb-ft) at 1,750 – 2,500 rpm.  
Acceleration [0 – 100 km/h (62 mph)]: 7.6 seconds (7.6 seconds),  
top speed: 225 km/h [140 mph] (222 km/h [138 mph]).  
Fuel consumption, combined: 4.5 – 4.3 l/100 km [62.8 – 65.7 mpg imp] (4.7 –  
4.6 l/100 km [60.1 – 61.4 mpg imp]),  
CO<sub>2</sub> emissions from fuel, combined: 119 – 113 g/km (124 – 120 g/km),  
exhaust standard: Euro 6d.

**BMW 530d Sedan (BMW 530d xDrive Sedan):**

Six-cylinder in-line diesel engine, mild hybrid technology,  
eight-speed Steptronic transmission, (BMW xDrive).  
Capacity: 2,993 cc, output: 210 kW/286 hp at 4,000 rpm,  
max. torque: 650 Nm (479 lb-ft) at 1,500 – 2,500 rpm.  
Acceleration [0 – 100 km/h (62 mph)]: 5.6 seconds (5.4 seconds),  
top speed: 250 km/h [155 mph] (250 km/h [155 mph]).  
Fuel consumption, combined: 4.6 – 4.5 l/100 km [61.4 – 62.8 mpg imp] (5.0 –  
4.8 l/100 km [56.5 – 58.9 mpg imp]),  
CO<sub>2</sub> emissions from fuel, combined: 122 – 118 g/km (131 – 125 g/km),  
exhaust standard: Euro 6d.

**BMW 530d Touring (BMW 530d xDrive Touring):**

Six-cylinder in-line diesel engine, mild hybrid technology,  
eight-speed Steptronic transmission, (BMW xDrive).  
Capacity: 2,993 cc, output: 210 kW/286 hp at 4,000 rpm,  
max. torque: 650 Nm (479 lb-ft) at 1,500 – 2,500 rpm.  
Acceleration [0 – 100 km/h (62 mph)]: 5.7 seconds (5.6 seconds),  
top speed: 250 km/h [155 mph] (250 km/h [155 mph]).  
Fuel consumption, combined: 4.9 – 4.7 l/100 km [57.7 – 60.1 mpg imp] (5.2 –  
5.1 l/100 km [54.3 – 55.4 mpg imp]),  
CO<sub>2</sub> emissions from fuel, combined: 128 – 123 g/km (137 – 133 g/km),  
exhaust standard: Euro 6d.



### **BMW 540d xDrive Sedan:**

Six-cylinder in-line diesel engine, mild hybrid technology, eight-speed Steptronic transmission, BMW xDrive.

Capacity: 2,993 cc, output: 250 kW/340 hp at 4,400 rpm, max. torque: 700 Nm (516 lb-ft) at 1,750 – 2,250 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 4.6 seconds, top speed: 250 km/h (155 mph).

Fuel consumption, combined: 5.1 – 5.0 l/100 km (55.4 – 56.5 mpg imp), CO<sub>2</sub> emissions from fuel, combined: 135 – 131 g/km, exhaust standard: Euro 6d.

### **BMW 540d xDrive Touring:**

Six-cylinder in-line diesel engine, mild hybrid technology, eight-speed Steptronic transmission, BMW xDrive.

Capacity: 2,993 cc, output: 250 kW/340 hp at 4,400 rpm, max. torque: 700 Nm (516 lb-ft) at 1,750 – 2,250 rpm.

Acceleration [0 – 100 km/h (62 mph)]: 4.8 seconds, top speed: 250 km/h (155 mph).

Fuel consumption, combined: 5.4 – 5.3 l/100 km (52.3 – 53.3 mpg imp), CO<sub>2</sub> emissions from fuel, combined: 142 – 138 g/km, exhaust standard: Euro 6d.

**All figures relating to performance, fuel/electric power consumption and emissions are provisional.**

The fuel consumption, CO<sub>2</sub> emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub> Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1. 73760 Ostfildern-Schramhausen and at <https://www.dat.de/co2/>.