



Mercedes-Benz

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The GELÄNDEWAGEN: Off-road. Unlimited. Established in 1979.

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The descriptions and data in this press kit apply to the international model range of Mercedes-Benz. They may vary from country to country. Further, country-specific information about the vehicles offered, including the WLTP values, can be found at www.mercedes-benz.com.

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Further information on the official fuel consumption and the official specific CO₂ emissions of new passenger cars can be found in the "Guide to Fuel Consumption, CO₂ Emissions and Electricity Consumption" for new passenger cars, which is available free of charge at all sales outlets and from Deutsche Automobil Treuhand GmbH at www.dat.de.

The all-new Mercedes-Benz G-Class at a glance

The all-new Mercedes-Benz G-Class continues the success story of the model series that was established in 1979. The off-road icon continues to rely on **tried-and-tested ladder-frame construction**, **three mechanical differential locks** and **LOW RANGE** off-road reduction as well as a **rigid rear axle** and **independent front suspension**.

The redesigned off-road control unit, the new OFFROAD COCKPIT and the “transparent bonnet” enable a **digital off-road experience**.

Thanks to electrification, the new models offer **improved responsiveness** off-road and **greater comfort** on paved roads. The **mild hybrids** with an integrated starter-generator (ISG) and a 48-volt on-board electrical system also impress with increased performance and reduced fuel consumption.

With the MBUX (Mercedes-Benz User Experience) infotainment system and 31.2-centimetre (12.3-inch) driver and media displays with touch control, the new G-Class is more connected than ever.

A host of advanced **safety and assistance systems** support drivers.

The **MANUFAKTUR** range for extensive customisation of both exterior and interior has been **expanded once again**.

Subtly modified exterior with **new radiator grille** featuring four instead of the previous three horizontal louvres and **redesigned bumpers** both front and rear.

New A-pillar cladding, a spoiler lip on the roof edge and new insulation materials contribute to **improved aerodynamics** and **increased acoustic comfort**.

Off-road. Unlimited. Established in 1979 – the all-new Mercedes-Benz G-Class

- Off-road driving characteristics: even better performance thanks to electrification
- The broadest portfolio ever and almost limitless customisation options
- A 45-year success story: technologically advanced design icon

Schlieren. The Mercedes-Benz G-Class has long been regarded as an automotive icon and is now once again underpinning its leading position among luxury off-road vehicles. The all-new models excel under all conditions – with improved performance thanks to electrified drive systems, modern driver assistance systems, increased comfort and advanced digitalisation. Established in 1979, the model series now offers the most diverse drive portfolio of all time and almost limitless customisation options. At the same time, it retains its unmistakable off-road character and unique appearance. At its market launch the all-new G-Class will be available at a price starting from 122,808 euros¹

“The all-new G-Class raises the bar for real adventure on and off the road yet again. With an electrified drive portfolio, our pioneering MBUX infotainment system and additional comfort and off-road functions, it’s poised to continue its success story as THE Geländewagen. The all-new G-Class combines an outstanding driving experience with a state-of-the-art digital experience.”

Markus Schäfer, Member of the Board of Management of Mercedes-Benz Group AG, Chief Technology Officer

The all-new G-Class sets standards in the off-road segment

The off-road icon is based on the tried-and-tested ladder-frame concept and features three mechanical differential locks and LOW RANGE off-road gear reduction as well as a rigid rear axle and independent front suspension. High ground clearance and long-travel suspension form the basis for the off-road characteristics of the all-new G-Class. The numbers speak for themselves:

- Up to 100% gradeability on suitable surfaces
- Ground clearance between the axles of at least 241 mm
- Maximum fording depth of 70 cm for water and mud
- Stable driving on sideward slopes of up to 35°
- Approach and departure angles of 31° at the front and 30° at the rear (without trailer hitch)

Off the beaten track, the new OFFROAD COCKPIT provides an overview of the relevant data for off-road driving in both the driver and media displays, as well as functions to support off-road driving.

The all-new G-Class is more versatile than ever before

In addition to the all-new performance off-roader from Mercedes-AMG, the all-new Mercedes-Benz G 450 d (combined energy consumption: 10.0-8.7 l/100 km | combined CO₂ emissions: 261-227 g/km | CO₂ class: G)² and the all-new Mercedes-Benz G 500 (combined energy consumption: 12.3-10.9 l/100 km | combined CO₂ emissions: 281-248 g/km | CO₂ class: G)² are also available to choose from. All engines are now fully electrified. As mild hybrids with 48-volt technology, they offer increased performance with reduced fuel consumption. The first fully electric variant of the G-Class will round out the model portfolio at a later date.

¹ Recommended retail price for Germany incl. 19% VAT.

² The stated values were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedure) measurement procedure. The ranges given refer to the German market.

The fuel consumption, energy consumption and CO₂ emissions of a car depend not only on the efficient use of the fuel or energy source by the car, but also on driving style and other non-technical factors.

The new G-Class evolves with the times and yet remains true to itself

The Mercedes-Benz G-Class has not significantly changed its appearance for around 45 years. The exterior design of the all-new models is only subtly modified. Visible changes include a radiator grille with four instead of the previous three horizontal louvres and front and rear bumpers. The front bumpers have a renewed squircle look. New A-pillar cladding and a spoiler lip on the roof edge contribute to improved aerodynamics and increased acoustic comfort.

The interior is luxurious and functional. With the integration of the MBUX (Mercedes-Benz User Experience) infotainment system, the all-new G-Class is more digital than ever before. On request, KEYLESS-GO, temperature-controlled cupholders, the Burmester® 3D surround sound system and MBUX High-End Rear-Seat Entertainment system ensure increased comfort. There are also additional and enhanced safety and assistance systems. The MANUFAKTUR range for extensive customisation of the interior and exterior has been expanded once again.

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Further information on Mercedes-Benz in Switzerland is available [here](#). Press releases and digital services for journalists and multipliers can be found on our [Media Site Switzerland](#) or on the [Mercedes me media](#) online platform.

Iconic design – unmistakable shape, modern technology

- Typical design elements continue to embody the G-Class character; subtle modifications improve acoustic comfort and efficiency
- MBUX infotainment system and media display with touch functionality
- Additional convenience features and expanded MANUFAKTUR range

An unmistakable, angular shape is the hallmark of the G-Class. And its iconic design remains largely unchanged even during the latest developments. Classic details continue to be characteristic features. These include the distinctive door handles and the characteristic door-closing sound, robust exterior protective trim, the exposed spare wheel on the rear door and protruding indicator lights. The new radiator grille has four horizontal louvres instead of the previous three. In addition, there are redesigned front and rear bumpers with the front ones featuring a new squircle look. The reversing camera has a new position in the centre of the bumper above the license plate holder. A wiper fluid nozzle is fitted to the side of the reversing camera in case it gets dirty. This deploys when the driver activates the rear window washer system.

The conventionally powered models also incorporate some elements that were developed for the first all-electric version of the off-road legend. Specifically, new A-pillar cladding, a spoiler lip on the roof edge and new insulation materials contribute to improved aerodynamics and increased acoustic comfort. The new models come as standard with aerodynamically optimised 45.7-centimetre (18-inch) alloy wheels in a five-twin-spoke design and LED high-performance headlights. The paint colour sodalite blue metallic is now available. There is also a choice of new wheel designs in sizes from 45.7 to 50.8 centimetres (18 to 20 inches).

Customers can emphasise the off-road character of their all-new G-Class with the PROFESSIONAL Line Exterior. The package includes stone-guard grilles for the headlights, mud flaps and 45.7-centimetre (18-inch) all-terrain tyres. The EXCLUSIVE Line Exterior, on the other hand, emphasises the exclusive character of the vehicle with a radiator grille in silver chrome, MULTIBEAM LED headlights, a spare-wheel ring in stainless steel and side running boards. The AMG Line gives the all-new G-Class a decidedly sporty touch. Here, the dynamic appearance is characterised by wheel-arch extensions, 50.8-centimetre (20-inch) AMG alloy wheels and a multifunction sports steering wheel in nappa leather. The Night Package, which includes sporty, expressive design elements in black, is also available.

The interior – impressive quality and pioneering design language

In the interior of the all-new G-Class, off-road character meets top-class equipment. Numerous exterior design elements can be found in the interior. For example, the side air vents take the shape of the round headlights and are now also available with illumination. The grab handle on the passenger side is still present. Meanwhile, the switches for the three differential locks remain central elements of the redesigned off-road control centre. The latter now also offers the option of quick access – for example to the OFFROAD COCKPIT. The latest-generation multifunction steering wheel with touch control surfaces is upholstered in nappa leather as standard. The ambient lighting and comprehensive leather upholstery complete the ambience.

With the EXCLUSIVE Line Interior, customers can further enhance the atmosphere of wellbeing inside their all-new G-Class. Among other things, it includes an expanded choice of upholstery in nappa leather. There is also ambient lighting for the air vents and the Burmester® 3D surround sound system with an illuminated satellite loudspeaker in the headliner. Meanwhile, the SUPERIOR Line Interior transforms the cabin into a luxurious lounge. The Active Multicontour Seat Plus package, upholstery in nappa leather and exclusive elements and decorative stitching in a diamond design contribute to this.

MBUX infotainment system – the new G-Class is more connected than ever

The MBUX (Mercedes-Benz User Experience) infotainment system with 31.2-centimetre (12.3-inch) driver and media displays including touch control is in all model variants for the first time. Smartphone integration connects the mobile phone wirelessly to the MBUX multimedia system via Android Auto Wireless® or Apple CarPlay™. This allows occupants to make optimum use of their mobile phone's functions. They also enjoy the benefits of digital radio (DAB+) with MBUX. A USB-C port enables connections to other mobile devices.

MBUX Augmented Reality for Navigation is also part of the standard equipment of the all-new G-Class. The system superimposes graphical navigation and traffic information onto live images on the media display. This can help drivers find their way even in complex traffic situations and to reach their destination quickly, safely and stress-free. The system also provides support at traffic lights: it displays the current traffic light colour, thus assisting when visibility of the signal is restricted.

MBUX also brings voice assistance into the all-new G-Class that is capable of dialogue and learning. Certain actions can now be triggered without the “Hey Mercedes” wake term. The voice assistant also has around 20 voice commands created exclusively for use in the all-new G-Class.

New features for even more convenience

If desired, the interior of the all-new G-Class can be upgraded with additional comfort features. These include temperature-controlled cupholders, a wireless charging system for mobile devices and the MBUX High-End Rear Seat Entertainment system. The latter comprises two fully integrated 29.5-centimetre (11.6-inch) touch displays, which ensure rear passengers also remain fully entertained during a journey. Thanks to the connection to the MBUX multimedia system they can watch films, surf the internet and access trip information, among other things. If required, users can move content interactively from the displays in the second seat row to the media display up front. They can also play their own media via various interfaces.

The all-new G-Class is optionally available with KEYLESS-GO. This allows the side doors and rear door to be locked and unlocked simply by pressing the button on the door handle. There is no need to hold the vehicle key for this. Instead, it can remain in a pocket. The vehicle can also be started conveniently at the touch of a button – without inserting the key into the ignition. The only requirement is for the key to be inside the vehicle with the driver. A dashcam¹ is also available on request. It can film the traffic in front of the vehicle and records the time and speed. This allows drivers to document an accident, for example, or capture scenic routes and landscapes. They can view the video material either on their computer at home or on the media display in the vehicle (when stationary).

With the optional Burmester® 3D surround sound system², the all-new G-Class offers unrivalled sound quality. It features the immersive Dolby Atmos® audio experience, which gives music more space, clarity and depth. The system transforms the all-new G-Class into a state-of-the-art concert hall on wheels. An additional, illuminated loudspeaker is integrated into the headliner. Six additional channels are now available on the side of the amplifier, audibly enabling better frequency separation and sound positioning.

MANUFAKTUR – the individualisation programme with more than a million possible combinations

Paint colour, spare-wheel ring, seat trim, decorative stitching, instrument panel and much more – the MANUFAKTUR customisation programme enables owners to make their G-Class unique. When choosing exclusive colour combinations, individual contrasts and materials, the possibilities are almost unlimited. The range has recently been expanded once again. Among other things, the two-tone leather interior in MANUFAKTUR catalan beige/black is available for the first time. In addition, a grab handle with

¹ When using the dashcam and saving video material, please observe the data protection regulations. Use of the dashcam may not be permitted in certain countries.

² Standard equipment for the Mercedes-AMG G 63 (combined energy consumption: 15.7–14.7 l/100 km | combined CO₂ emissions: 358–335 g/km | CO₂ class: G)

“MANUFAKTUR” lettering and trim is available in combination with MANUFAKTUR leather. The MANUFAKTUR full leather package is also available for the all-new G-Class. Almost the entire interior is then covered in nappa leather. This extends from the headliner to the cladding of the A, B, C and D pillars through to the seat backrest. The headliner also has a centre panel in trim colour with a diamond design.

Exclusive vehicle handover at the birthplace of the G-Class

Since 2023, G-Class customers have been able to experience an unforgettable day at the G-Class Experience Centre in Graz when they collect their vehicles from the factory. Pure driving pleasure awaits them on a 100,000-square-metre site. They can test the versatility of the off-road icon with specially provided vehicles on the on- and off-road course. The supporting programme also includes a tour of production at MAGNA Steyr, with fascinating insights into the production process. The highlight is the vehicle handover – the new G-Class presented in a glass cube. This is followed by a detailed vehicle briefing. The package for two also includes an exclusive dinner, an overnight hotel stay in the centre of Graz with breakfast and a personal shuttle service. Those wishing to book G-Class factory delivery should contact their authorised Mercedes-Benz sales partner.

Body and suspension - the G-Class is and remains the GELÄNDEWAGEN

- On- and off-road driving characteristics consistently developed
- “Trail,” “Rock” and “Sand”: additional drive programmes for adventures off the beaten track
- New OFFROAD COCKPIT provides an overview of the most important data and functions for off-road operation

The all-new G-Class benefits from around 45 years of experience and expertise in the off-road segment. The off-road vehicle icon continues to rely on proven ladder-frame construction, three mechanical differential locks and the combination of double wishbone independent front wheel suspension and a rigid rear axle. High ground clearance and long-travel suspension form the basis for the off-road characteristics. The following values speak for themselves:

- Up to 100% gradeability on suitable surfaces
- Ground clearance between the axles of at least 241 mm
- Maximum fording depth of 70 cm for water and mud
- Stable driving on sideward slopes of up to 35°
- Approach and departure angles of 31° at the front and 30° at the rear (without trailer hitch)
- Breakover angle of 26°

The suspension on the all-new G-Class includes adaptive adjustable damping as standard, which was only available as an option on the previous models. This provides even more control off-road. The dampers compensate for uneven ground even better and withstand significantly greater damping forces than passive dampers. With roll and pitch stabilisation, the system continuously regulates the damper characteristics depending on the driving situation and automatically reduces body movements. Various components of the adaptive adjustable dampers are designed to withstand extreme conditions such as surging water, driving through mud, flying rocks and dirt.

The tried-and-tested electromechanical rack-and-pinion steering system comes as standard. It consumes less energy than a hydraulically assisted system. Depending on the selected driving programme, it provides a comfortable or sporty steering feel on the road. Off-road, it provides precise feedback with plenty steering assistance. An electric parking brake is fitted as standard. The front brake discs are 354 millimetres in diameter and 32 millimetres thick. At the rear, the diameter is 345 millimetres and the thickness is 22 millimetres.

DYNAMIC SELECT with three additional off-road driving programmes

With DYNAMIC SELECT, the vehicle characteristics of the all-new G-Class can be adjusted at the touch of a button and in just a few seconds. The system changes the driving characteristics of the engine, transmission, suspension, ESP® and steering. The on-road driving programmes “Comfort”, “Sport”, “Eco” and “Individual” are easy to set using the DYNAMIC SELECT switch.

Three additional driving programmes are available in the all-new G-Class for off-road driving. “Trail” offers optimised handling on gentler terrain with loose surfaces – for example on dirt roads or gravel. The “Rock” driving programme is designed for driving on medium and difficult, uneven terrain with hard, rocky surfaces. The suspension set-up and steering settings are designed to be firm. As a third off-road option, “Sand” offers improved driving dynamics through agilisising control interventions. The ESP® is specially designed for sandy surfaces and provides greater safety during dynamic driving, for example when braking. Drivers can also set the off-road driving programmes using the DYNAMIC SELECT switch.

Everything in view – the new OFFROAD COCKPIT

The redesigned off-road control unit takes drivers directly to the new OFFROAD COCKPIT. This provides an overview of the most relevant data for off-road driving in both the driver and media displays. It also offers functions to support off-road driving. The content is displayed in various tiles, which can be changed using the direction arrows or by swiping. There are also buttons for quick access to certain vehicle functions that are relevant to off-road driving. The data displayed includes an artificial horizon, positioning, compass, altitude, steering angle of the front axle, torque, power, tyre pressure and temperature as well as the status of the differential locks.

For an even more comfortable off-road driving experience – the “transparent bonnet”

The “transparent bonnet” function can be called up via the off-road menu in the central display. In conjunction with the 360° camera, it enables a virtual view under the front of the vehicle. For the camera view of the “transparent bonnet” in the media display, the vehicle combines the images from the front camera and the two exterior mirror cameras. In addition, a visualisation of the lane helps to select the optimal route. This enables drivers of the new G-Class to react quickly if necessary – for example, when encountering obstacles such as rubble or boulders. The function also helps to optimally assess crests, embankments and depressions if they are no longer visible through the windscreen because the angle is too steep.

The most diverse model portfolio of all time - engine and transmission options

- **Mild hybrids with 48-volt technology**
- **New inline six-cylinder petrol engine in the all-new G 500**
- **Improved response, more on-road comfort and reduced fuel consumption**

The engine portfolio for the all-new G-Class is fully electrified. As mild hybrids with integrated starter-generators (ISG) and 48-volt on-board electrical systems, they offer increased performance with reduced fuel consumption. Thanks to electrification, the new models also offer improved response and greater comfort. Further models in addition to the new Mercedes-AMG G 63 (combined energy consumption: 15.7–14.7 l/100 km | combined CO₂ emissions: 358–335 g/km | CO₂ class: G)¹ are the all-new Mercedes-Benz G 500 (combined energy consumption: 12.3–10.9 l/100 km | combined CO₂ emissions: 281–248 g/km; CO₂ class: G)¹ and the all-new Mercedes-Benz G 450 d (combined energy consumption: 10.0–8.7 l/100 km | combined CO₂ emissions: 261–227 g/km | CO₂ class: G)¹.

The all-new Mercedes-Benz G 500 is powered by a 3.0-litre inline six-cylinder engine with twin turbocharging via an exhaust-gas turbocharger and an electric auxiliary compressor. The petrol engine produces 330 kW (449 hp) and provides a maximum torque of 560 Nm. The ISG briefly delivers an additional 15 kW (20 hp) of output and 200 Nm of torque. It also feeds the 48-volt on-board electrical system. The range of engines is rounded off by the six-cylinder diesel in the all-new Mercedes-Benz G 450 d. The unit delivers 270 kW (+15 kW) (367 hp + 20 hp). The torque is 750 (+200) Nm.

Proven automatic transmission

Power transmission is provided by the 9G-TRONIC torque-converter automatic transmission, which is specially adapted to the requirements of the off-road icon. The wide spread of the transmission makes driving comfortable and quiet, especially at low engine speeds. At the same time it helps reduce fuel consumption. The mechanics and the hydraulic control unit ensure fast, smooth and comfortable gear changes. They also enable rapid intermediate spurts of acceleration. Three speed sensors allow for what is known as skip shifting, in which – depending on the driving situation – several gears are skipped. The shift behaviour depends on the selected driving programme. As is usual with Mercedes-Benz automatic transmissions, drivers can also change gears manually using the DIRECT SELECT shift paddles on the steering wheel.

In the ECO driving programme, for example, the ECO start/stop function aids economical driving by switching off the engine when the vehicle is stationary. The coasting function also helps to save fuel. The transmission clutch opens as soon as the driver takes their foot off the accelerator pedal. As a result, engine speed drops to idle, and driving resistance reduced by the engine's compression and friction forces in trailing throttle. The all-new G-Class then “coasts” and briefly utilises its own kinetic energy for propulsion. Traction is restored as soon as the accelerator or brake pedal is depressed again.

Transfer case with off-road reduction

The transfer case is configured so that 40 percent of the drive torque is transferred to the front axle and 60 percent to the rear axle. The permanent all-wheel drive ensures excellent traction. The off-road gear reduction significantly increases the torque on the driven wheels when travelling off-road. At the same time, it reduces top speed and increases traction. This enables the all-new G-Class to master even very difficult terrain. The off-road reduction can be engaged in the “N” transmission mode via the LOW RANGE switch up to

¹ The stated values were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedure) measurement procedure. The ranges given refer to the German market. The fuel consumption, energy consumption and CO₂ emissions of a car depend not only on the efficient use of the fuel or energy source by the car, but also on driving style and other non-technical factors.

a speed of 40 km/h. The ratio of the transfer case then changes from 1.00 in the HIGH RANGE road-driving setting to 2.93. It is possible to change from LOW RANGE to HIGH RANGE up to 70 km/h.

The intelligent multi-plate clutch ensures enduring manoeuvrability. It behaves like an automatically controlled limited slip differential and regulates the vehicle's behaviour while driving. It switches to a fixed lock with 100% locking effect when the switch for the centre differential lock is actuated.

The locks on the front and rear differentials are designed as normal differential locks with 100% locking effect. They operate purely electromechanically and are fully networked. All locks can be engaged individually while driving in both LOW RANGE and HIGH RANGE. The vehicle automatically switches to the "Rock" off-road driving programme when the locks are engaged. The switches for the three differential locks allow drivers to recognise which of the locks is activated at any time. The status is also shown in the media display.

A high level of safety – additional and enhanced driver assistance systems

- Available for the first time in the G-Class: Active Steering Assist, Active Emergency Stop Assist and route-based speed adaptation
- Technology package bundles all available assistance systems

Thanks to additional and further developed latest-generation assistance and safety systems¹, the all-new G-Class is one of the safest vehicles in its segment. Active Brake Assist supports drivers as standard. The system uses its sensors to identify a risk of collision with vehicles travelling in front, crossing or oncoming. In the event of an imminent collision, the system can warn the driver visually and acoustically. If braking is too weak, it can also assist by increasing the braking force to the appropriate level. And if there is no reaction, it can initiate autonomous emergency braking. Active Lane Keeping Assist is also included as standard. The system can help the driver to stay in their lane. The PRE-SAFE® preventive occupant protection system is also on board as standard. It can recognise critical driving situations at an early stage, provide warning and initiate precautionary protective measures. These include, for example, reversible belt tensioning or automatic shutting of open side windows or the sliding glass roof to protect occupants from penetrating objects. Active Park Assist with PARKTRONIC is also included as standard. The system can actively assist with backing into a space and recognise suitable parking spaces at a speed of up to 35 km/h.

The optional Technology Package bundles all available assistance systems for maximum safety and relaxed driving. DISTRONIC Active Distance Assist helps drivers to maintain a safe distance to other vehicles, among other things. The package also assists drivers in urban traffic. For example, the exit warning function can alert drivers to approaching cyclists. Blind Spot Assist can help avoid accidents when changing lanes and reversing by means of visual and acoustic warning signals. Traffic Sign Assist keeps an eye on the applicable speed regulations and reminds the driver of them. Meanwhile, the Parking Package with 360° camera assists with parking and manoeuvring. The all-round view and assisted parking make manoeuvring easier – the central display clearly shows the vehicle's immediate surroundings. Four cameras (front, rear and on both sides) provide the images. These are combined to create a virtual 360-degree view from a bird's eye perspective. In addition, the media display specifically shows different viewing angles. In combination with the visual and acoustic cues of the standard PARKTRONIC, drivers can have a good overview even in confusing situations.

The following systems are now available in the all-new Mercedes-Benz G-Class:

Active Steering Assist

Active Steering Assist supports drivers in speeds up to 160 km/h with moderate steering intervention when in the centre of a lane. This provides a high degree of relief, especially on monotonous stretches of road. In combination with the optional 360° camera, the system also features lane detection.

Active Emergency Stop Assist

Active Emergency Stop Assist brakes the vehicle in its own lane to a standstill if it recognises that the driver is no longer intervening in the driving situation. In addition, belt tensioning and brake jerk provide final warnings before the brakes are applied.

Route-based speed adjustment

The system helps drivers to adapt their speed to the route. Before bends, junctions, roundabouts, toll stations and turnoffs, the vehicle automatically reduces speed in combination with DISTRONIC Active Distance Assist and then accelerates again.

¹ The Mercedes-Benz driver assistance and safety systems are aids and do not relieve the driver of their responsibility. You should observe the instructions in the Owner's Manual and the system limits described there.

The all-new Mercedes-AMG G 63 – electrified drive, new suspension, exclusive design elements

- **AMG 4.0-litre V8 biturbo with increased performance and reduced fuel consumption**
- **With active, hydraulic roll stabilisation – the optional AMG ACTIVE RIDE CONTROL suspension**
- **Unmistakable and performance-oriented details for a distinctive look inside and out**

The all-new Mercedes-AMG G 63 (combined energy consumption: 15.7–14.7 l/100 km | combined CO₂ emissions: 358–335 g/km | CO₂ class: G)¹ underpins its unique position among performance off-road vehicles with its powerful drive system, new AMG ACTIVE RIDE CONTROL suspension and unique design elements. It also offers an even greater spread between dynamic on-road performance and excellent off-road expertise. The all-new Mercedes-AMG G 63 also benefits from cross-model changes. These include the infotainment upgrade, which brings the MBUX infotainment system to the G-Class for the first time.

“The G-Class is an automotive icon and the Mercedes-AMG G 63 has been the most popular model for many years. This is both an obligation and an incentive for us. Our aim was therefore to make the enhanced performance even more tangible – both on and off-road. One of the ways we have achieved this is through improvements to the V8 engine and our new AMG suspension, which combines agility, driving dynamics and comfort. We are thus catering even more to our customers’ wishes. The new G 63 is more AMG than ever before.

Michael Schiebe, Chairman of the Board of Management of Mercedes-AMG GmbH and
Head of the Mercedes-Benz G-Class & Mercedes-Maybach business units

Electrified – the AMG 4.0-litre V8 biturbo engine

The all-new Mercedes-AMG G 63 is powered by the tried-and-tested AMG 4.0-litre V8 biturbo engine. It delivers 430 kW (585 hp) and provides a maximum torque of 850 Nm. A new feature is the combination with 48-volt technology and an integrated starter-generator (ISG). This electrification provides an additional 15 kW (20 hp) of boost and 200 Nm of torque for a short time. From a standstill, the all-new Mercedes-AMG G 63 takes just 4.4 seconds to accelerate to 100 km/h. This dynamic propulsion continues to a top speed of 220 km/h. The optionally available AMG Performance Package enables a top speed of 240 km/h and acceleration from 0 to 100 km/h in 4.3 seconds.

With active, hydraulic roll stabilisation – AMG ACTIVE RIDE CONTROL suspension

The all-new Mercedes-AMG G 63 offers the feeling of agile driving along with enhanced comfort. The AMG ACTIVE RIDE CONTROL suspension with active, hydraulic roll stabilisation and adaptive adjustable damping makes a significant contribution to this. It is available as either an individual option or as part of the AMG Offroad Package PRO and the AMG Performance Package. Active hydraulic elements replace the conventional mechanical torsion-bar transverse stabilisers. The adaptive shock absorbers are equipped with two hydraulic connections – one each on the compression and rebound stages of the damper. The damper chambers on all four wheels are connected via hydraulic lines and the valve block.

The connection of the four suspension struts and pressure regulation via pump and switching valves allows for a very wide spring-rate spread with reduced rolling movements. During dynamic cornering, the hydraulics reduce the roll angle and therefore loss of camber. Thanks to the resulting high camber stiffness and reduced body movement, the all-new Mercedes-AMG G 63 steers very precisely. At the same time, the system increases ride comfort when travelling over bumps. It compensates for any unevenness that would otherwise lead to body roll. This has an equally positive effect on comfort and handling. In addition, the

¹ The stated values were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedure) measurement procedure. The ranges given refer to the German market. The fuel consumption, energy consumption and CO₂ emissions of a car depend not only on the efficient use of the fuel or energy source by the car, but also on driving style and other non-technical factors.

AMG ACTIVE RIDE CONTROL suspension enables optimum turn-in and load-change characteristics and thus shapes the typical AMG driving characteristics in terms of dynamics, precision and feedback.

Linked to the driving programmes and the driving status, the AMG ACTIVE RIDE CONTROL suspension also improves the axle articulation. This means that the wheels maintain contact with the ground even when the vehicle is heavily articulated. This leads to a significant increase in traction, climbing ability and off-road comfort as well as reduced strain on both vehicle and driver.

Two additional off-road driving modes are available in vehicles with the AMG Offroad Package PRO. "AMG Traction PRO" generates maximum traction in the "Rock" and "Sand" driving programmes by means of wheel-selective braking torque control depending on the road surface. In addition, the degree of locking of the electronically controlled differential lock can be adjusted in stages depending on the situation. In order to activate AMG Traction PRO, drivers must first switch on the LOW RANGE off-road gear reduction and activate manual shifting.

"AMG Active Balance Control," the second additional off-road driving mode, supplements the functions of the AMG ACTIVE RIDE CONTROL suspension in all three off-road driving programmes. This allows the roll stiffness of the vehicle to be adjusted from low to rigid depending on the road surface and driving situation. Drivers can choose from three different settings: while "LOW" has a comfortable suspension setup, it is significantly stiffer in "MID" and very stiff in "HIGH". This significantly improves the vehicle's body control and ground contact as well as traction off-road.

AMG RIDE CONTROL suspension with adaptive adjustable damping comes as standard. This fully automatic, electronically controlled system continuously adjusts the damping at each wheel to the current requirements. This improves driving safety and ride comfort. The damping is adjusted individually for each wheel via two valves (separate for rebound and compression) and is dependent on the driving style, road conditions and the selected suspension level ("Comfort", "Sport" or "Sport+"). This means that the optimum operating point can always be selected based on a wide range of information such as acceleration or driving speed.

Quick shifting: the AMG SPEEDSHIFT TCT 9G transmission

The standard AMG SPEEDSHIFT TCT 9G transmission delights sporty drivers with dynamic shift characteristics and an emotional intermediate (double de-clutch) throttle function. Depending on the selected driving programme it allows for sporty and fast or comfortable and barely noticeable gearshifts. Thanks to its nine available gears, the engine is frequently in the optimum speed range. In addition, the AMG SPEEDSHIFT TCT 9G transmission combines efficiency and dynamics. If necessary, the torque-converter transmission shifts down to a low gear in a very short time using multiple downshifts in order to utilise the engine's full power. The general characteristics of the transmission can be influenced via AMG DYNAMIC SELECT – there is a choice of different drive programmes with specific drive settings.

AMG DYNAMIC SELECT: five on-road and three off-road driving programmes

With the five DYNAMIC SELECT on-road programmes "Slippery", "Comfort", "Sport", "Sport+" and "Individual", the differentiation ranges from efficient and comfortable to very sporty. Parameters such as the response of the engine, transmission, suspension and steering are modified. The three stages of the adaptive adjustable damping – "Comfort", "Sport" and "Sport+" – can be selected separately if required. The three off-road driving programmes "Sand", "Trail" and "Rock" are available for off-road use.

Unmistakable details for a distinctive appearance – interior and exterior design

Inside and out, unmistakable design elements give the all-new Mercedes-AMG G 63 its unique appearance. The MANUFAKTUR hyper blue magno exterior colour is available exclusively for the top model. Its front end is characterised by a new AMG-specific bumper with three vertical louvres in front of the air intakes. There are also stainless-steel inserts in the bumper. Adaptive MULTIBEAM LED headlights are included as standard.

Thanks to intelligent lighting functions, they illuminate the road according to the situation and react to the current traffic situation with the help of 84 individually controllable high-performance LEDs. The taillights also feature LED technology.

Other brand features include the AMG crest on the bonnet and in the exterior mirror projection for the first time as well as the AMG fuel filler cap in silver chrome with design elements in black. Silver-painted brake callipers, perforated brake discs and new 50.8-centimetre (20-inch) AMG alloy wheels in five-twin-spoke design round off the exterior design. In total, there is a choice of six different wheel designs in sizes from 50.8 to 55.9 centimetres (20 to 22 inches), available in up to three different colour designs.

The optional AMG Exterior Carbon Fibre Package emphasises the performance of the all-new Mercedes-AMG G 63. The spare wheel cover, bumper inserts and visual underride guard at the front and rear are finished in carbon fibre. This also includes the radiator grille in dark chrome as well as mirror covers and inserts in the exterior protective moulding in carbon design. A spare wheel ring in black magno/metallic and darkened indicator and headlight housings at the front and rear round off the portfolio.

The interior of the all-new Mercedes-AMG G 63 also features unique details that emphasise its sporty design. The standard-fit AMG Performance three-twin-spoke steering wheel in nappa leather with seamlessly integrated touch-control surfaces has its origins in motorsport and emphasises the sporty cockpit. The round AMG steering wheel buttons with brilliant displays and their intuitive operating logic serve to control AMG-specific driving functions and all driving programmes. AMG logos in the steering wheel spokes, in the central display, in the door sill panels and on the floor mats and front seat backrests are also included as standard. The trim elements are finished in black piano lacquer.

As an option, the interior of the all-new Mercedes-AMG G 63 can be transformed into a luxurious lounge with the SUPERIOR Line Interior. Among other things, it includes additional nappa leather trim, elements in diamond design and active multi-contour seats including the ENERGIZING Package Plus with massage function and seat climate control.

Sporty character with the “Supersport” mode

An additional display style is available to customers in the driver's display: the “Supersport” mode with a central, round tachometer and horizontal displays to the left and right of it in perspective create a spatial impression of depth. The central display also emphasises the dynamic orientation with individual AMG displays such as visualisation of the driving programmes or telemetry data.

Technical data

Mercedes-Benz G 450 d

Engine		
Number of cylinders/arrangement		6/inline
Displacement	cm ³	2,989
Rated output	kW/hp	270 (+15) / 367 (+20)
at engine speed	1/min	4,000
Rated torque	Nm	750 (+200)
at engine speed	1/min	1,350-2,800
Compression ratio		15.50 : 1
Mixture formation		Common rail direct injection
Power transmission		
Drive system layout		Permanent all-wheel drive
All-wheel torque distribution front/rear (%/%)		40/60
Gearbox		9G-TRONIC
Gear ratios		
1 st /2 nd /3 rd /4 th /5 th /6 th /7 th gear		5.354/3.243/2.252/1.636/1.211/1.000/0.865/0.717/0.601
Reverse		4.798
Suspension		
Front axle		Double wishbone axle with independent suspension
Rear axle		Rigid axle
Braking system		Dual-circuit hydraulic
Steering		Electro-mechanical
Wheels		7.5J18ET43
Tyres		265/60R18
Dimensions and weights		
Wheelbase	mm	2,890
Track width front/rear	mm	1,638/1,638
Length/width/height	mm	4,825/1,931 ¹ /2,042 ²
Turning circle	m	13.6
Boot capacity	litres	640 ³
Roof load	kg	max. 150
Kerb weight acc. to EC	kg	2,555
Payload	kg	645
Gross vehicle weight	kg	3,200
Maximum trailer load weight (braked/unbraked)	kg	3,500/750
Tank capacity/of which reserve	litres	100/12
AdBlue® tank capacity	litres	31.6
Performance; fuel consumption; emissions		
Acceleration 0-100 km/h	seconds	5.8
Maximum speed	km/h	210
Combined fuel consumption ⁴	l/100 km	10.0-8.7
Combined CO ₂ emissions ⁴	g/km	261-227
CO ₂ class		G
Emission standard		Euro 6e

¹ Without exterior mirrors

² With roof rack

³ Open luggage compartment volume behind rear seat

⁴ The stated values were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedure) measurement procedure. The ranges given refer to the German market.

The fuel consumption, energy consumption and CO₂ emissions of a car depend not only on the efficient use of the fuel or energy source by the car, but also on driving style and other non-technical factors.

Mercedes-Benz G 500

Engine		
Number of cylinders/arrangement		6/inline
Displacement	cm ³	2,999
Rated output	kW/hp	330 (+15) / 449 (+20)
at engine speed	1/min	6,100
Rated torque	Nm	560 (+200)
at engine speed	1/min	1,950–5,500
Compression ratio		10.50 : 1
Mixture formation		Petrol direct injection
Power transmission		
Drive system layout		Permanent all-wheel drive
All-wheel torque distribution front/rear (%/%)		40/60
Gearbox		9G-TRONIC
Gear ratios		
1 st /2 nd /3 rd /4 th /5 th /6 th /7 th gear		5.354/3.243/2.252/1.636/1.211/1.000/0.865/0.717/0.601
Reverse		4.798
Suspension		
Front axle	Double wishbone axle with independent suspension	
Rear axle	Rigid axle	
Braking system	Dual-circuit hydraulic	
Steering	Electro-mechanical	
Wheels	7.5J18ET43	
Tyres	265/60R18	
Dimensions and weights		
Wheelbase	mm	2,890
Track width front/rear	mm	1,638/1,638
Length/width/height	mm	4,825/1,931 ¹ /2,042 ²
Turning circle	m	13.6
Boot capacity	litres	640 ³
Roof load	kg	max. 150
Kerb weight acc. to EC	kg	2,485
Payload	kg	715
Gross vehicle weight	kg	3,200
Maximum trailer load weight (braked/unbraked)	kg	3,500/750
Tank capacity/of which reserve	litres	100/12
Performance; fuel consumption; emissions		
Acceleration 0-100 km/h	seconds	5.4
Maximum speed	km/h	210
Combined fuel consumption ⁴	l/100 km	12.3–10.9
Combined CO ₂ emissions ⁴	g/km	281–248
CO ₂ class		G
Emission standard		Euro 6e

¹ Without exterior mirrors

² With roof rack

³ Open luggage compartment volume behind rear seat

⁴ The values stated were calculated in accordance with the prescribed measurement procedure WLTP (Worldwide harmonised Light duty vehicles Test Procedures). The fuel consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of fuel by the car, but also on driving style and other non-technical factors.

Mercedes-AMG G 63

Engine		
Number of cylinders/arrangement		8/V; 4 valves per cylinder
Displacement	cm ³	3,982
Rated output	kW/hp	430 (+15) / 585 (+20)
at engine speed	1/min	6,000
Rated torque	Nm	850 (+200)
at engine speed	1/min	2,500–3,500
Compression ratio		8.60 : 1
Mixture formation		Petrol direct injection
Power transmission		
Drive system layout		AMG Performance 4MATIC permanent all-wheel drive
All-wheel torque distribution front/rear (%/%)		40/60
Gearbox		AMG SPEEDSHIFT TCT 9G transmission
Gear ratios		
1 st /2 nd /3 rd /4 th /5 th /6 th /7 th gear		5.354/3.243/2.252/1.636/1.211/1.000/0.865/0.717/0.601
Reverse		4.798
Suspension		
Front axle		Double wishbone axle with independent suspension
Rear axle		Rigid axle
Braking system		Dual-circuit hydraulic
Steering		Electro-mechanical
Wheels		9.5J20ET35
Tyres		275/50R20
Dimensions and weights		
Wheelbase	mm	2,890
Track width front/rear	mm	1,650/1,654
Length/width/height	mm	4,873/1,984 ¹ /1,971 ²
Turning circle	m	13.43
Boot capacity	litres	640 ³
Roof load	kg	max. 150
Kerb weight acc. to EC	kg	2,640
Payload	kg	560
Gross vehicle weight	kg	3,200
Maximum trailer load weight (braked/unbraked)	kg	3,500/750
Tank capacity/of which reserve	litres	100/12
Performance; fuel consumption; emissions		
Acceleration 0-100 km/h	seconds	4.3 ⁴
Maximum speed	km/h	220 ⁵
Combined fuel consumption ⁶	l/100 km	15.7–14.7
Combined CO ₂ emissions ⁶	g/km	358–335
CO ₂ class		G
Emission standard		Euro 6e

¹ Without exterior mirrors

² Without roof rack

³ Open luggage compartment volume behind rear seat

⁴ In conjunction with the AMG Performance package

⁵ Electronically limited, optional increase in Vmax to 240 km/h (only in conjunction with the AMG Performance package)

⁶ The values stated were calculated in accordance with the prescribed measurement procedure WLTP (Worldwide harmonised Light duty vehicles Test Procedures). The fuel consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of fuel by the car, but also on driving style and other non-technical factors.