



Press Information
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The new Mercedes-AMG GLC 53 4MATIC+: High-revving six-cylinder for even greater driving dynamics and emotion

- Further developed 3.0-liter inline six-cylinder engine with even more agile response and a high-revving character
- Powerful, sonorous sound and torque overboost for a particularly sporty driving experience
- Fully variable AMG Performance 4MATIC+ all-wheel drive with electronically controlled rear-axle limited-slip differential
- Golden Accents package with exclusive features, limited to one year

Affalterbach. Sporty driving pleasure, an emotional six-cylinder soundtrack, and fully variable all-wheel drive with dynamic Drift Mode: The new Mercedes-AMG promises an AMG-typical driving experience with even more driving pleasure on winding country roads. At the heart of the new model is the 3.0-liter inline six-cylinder engine with twin charging via an exhaust gas turbocharger and an electric auxiliary compressor. The engine produces 330 kW (449 hp) and delivers a maximum torque of a hefty 600 Nm (with overboost 640 Nm for 10 seconds). The high-performance six-cylinder unit has been comprehensively redeveloped and impresses with an even more agile response and a strong appetite for revs.

“With the new GLC 53, our goal was to make its Affalterbach DNA even more tangible – with more emotion, more character, and even more fun to drive. To achieve this, we have significantly upgraded our six-cylinder engine. Together with the sophisticated chassis and the fully variable all-wheel drive, it makes the GLC 53 a highly dynamic vehicle with exceptional versatility.”

Michael Schiebe, Member of the Board of Management of Mercedes-Benz Group AG,
Production, Quality & Supply Chain Management, and Chairman of the Management Board of Mercedes-AMG GmbH

The revised six-cylinder engine is complemented by the AMG SPEEDSHIFT TCT 9G transmission and the fully variable AMG Performance 4MATIC+ all-wheel drive. Additionally, it features an electronically controlled rear-axle limited-slip differential with Drift Mode, available for the first time in an AMG SUV. This enables experienced drivers to explore the full range of driving dynamics on closed-off tracks.

Mercedes-AMG GLC 53 4MATIC+ SUV | combined fuel consumption: 9.9-9.4 l/100 km | combined CO₂-emissions: 226-214 g/km | CO₂-class: G¹

Mercedes-AMG GLC 53 4MATIC+ Coupé | combined fuel consumption: 9.7-9.2 l/100 km | combined CO₂-emissions: 221-209 g/km | CO₂-class: G¹

Inline six-cylinder with new cylinder head and new intake system

The new GLC 53 4MATIC+ is powered by the further developed 3.0-liter inline six-cylinder turbo engine. Engine upgrades include a new cylinder head with improved intake and exhaust ports and a new intake camshaft. Additionally, there is a new intake system with a larger volume and a new intercooler. These extensive modifications result in improved torque delivery and an even more responsive behavior. Customers can look forward to powerful acceleration across the entire rev range right up to the limiter, making the driving experience even more agile and sporty.

A boost pressure of 1.5 bar from the optimized exhaust gas turbocharger enables ample torque with strong high-rev performance. The electric auxiliary compressor can now operate almost continuously for a longer period. It now boosts with up to 7.5 kW of electrical power (previously 5.0 kW), further improving throttle response. Furthermore, the overall power curve is adapted to a higher engine speed range. As a result, the torque plateau has been extended, reaching a maximum of 600 Nm in continuous operation. In overboost up to 640 Nm of torque is possible for up to ten seconds.

The second-generation integrated starter-generator (ISG) is compactly packaged in the transmission bell housing. As a central component of the 48-volt on-board electrical system, it functions not only as an electric generator but also takes on hybrid functions. These include short-term boosting with 17 kW of power and 205 Nm of torque, recuperation, load point shifting and the almost imperceptible restarting of the engine during the start-stop function.

Performance figures leave nothing to be desired: Acceleration from a standstill to 100 km/h takes just 4.2 seconds with AMG Launch Control, standardly available in the GLC 53. The electronically limited top speed of 250 km/h can be increased to 270 km/h with the optional AMG Driver's Package.

The powerful and emotional engine sound is further enhanced by a new exhaust system. It features special resonators that further amplify the sound experience. The characteristic crackling on throttle lift-off creates goosebump moments, as do AMG typical late ignition and the bassy sound during strong acceleration. The intensity depends on the selected driving programme. Optionally, AMG Real Performance Sound with a manually controllable flap exhaust system is available.

Optimised shift times, high efficiency: AMG SPEEDSHIFT TCT 9G transmission

The 3.0-liter inline engine is coupled with the AMG SPEEDSHIFT TCT 9G transmission, which impresses with short shift times, quick reactions, double-declutching function, and multiple downshifts. An upshift or downshift is implemented immediately. The transmission operates particularly spontaneously in "Sport+" driving mode, in manual mode and in the optionally available driving program "RACE". Dynamic acceleration manoeuvres and adapted shift times are available, as is fuel-efficient driving, depending on the selected driving programme. The AMG SPEEDSHIFT TCT 9G transmission can be shifted manually via the galvanized shift paddles located behind the steering wheel rim on the left and right.

¹ The figures are preliminary. No confirmed values from an officially recognized testing organization, EC type approval, or certificate of conformity with official values are available at this time. Deviations between the figures and the official values are possible.

Character at the touch of a button: AMG DYNAMIC SELECT

The five AMG DYNAMIC SELECT driving programmes “Slippery”, “Comfort”, “Sport”, “Sport+”, and “Individual” allow the vehicle's character to be tailored at the touch of a button. Additionally, the “RACE” driving programme is available with the AMG DYNAMIC PLUS Package. The differentiation ranges from efficient and comfortable to very sporty. Important parameters such as the response of the engine, transmission, chassis and steering are modified. Regardless of the AMG DYNAMIC SELECT driving programmes, the driver can switch directly to manual mode via the “M” button to shift exclusively via the steering wheel shift paddles. The chassis levels can also be selected separately if required.

Integrated into the AMG DYNAMIC SELECT driving programmes is the AMG DYNAMICS driving dynamics control system. In the “Basic”, “Advanced”, “Pro” settings, as well as the 'Master' level in the optional RACE driving program it influences, for example, the control strategies of the ESP® (Electronic Stability Programme) or the all-wheel drive. Based on driver inputs and sensor data, the intelligent pre-control system anticipates the desired vehicle behaviour. The range extends from stable to highly dynamic, enabling either a more comfort-focused or particularly sporty driving experience. AMG DYNAMICS functions can also be selected directly via the AMG steering wheel buttons. Both the modifiable vehicle characteristics and the extensive equipment options allow a wide range between sportiness and comfort, depending on individual customer wishes.

Fully variable AMG Performance 4MATIC+ all-wheel drive as standard

The GLC 53 is equipped as standard with the fully variable AMG Performance 4MATIC+ all-wheel drive. This combines optimal traction for dynamic driving pleasure with high driving safety under various conditions: on dry roads as well as in wet conditions or on slippery surfaces. The transition from rear-wheel to all-wheel drive and vice versa occurs continuously because the intelligent control is integrated into the entire vehicle system architecture. It also enables an increased towing capacity from the previous 1,800 kg to now 2,400 kg (braked).

The application of power distribution is differentiated and increases efficiency. From the ESP® Sport setting, the driving behaviour is designed to be more rear-biased. In Drift Mode, which is available with the optional AMG DYNAMIC PLUS Package, the new GLC 53 acts as a rear-wheel-drive vehicle across the entire speed range.

This is supported by the electronically controlled rear-axle limited-slip differential. It is also part of the optional AMG DYNAMIC PLUS Package and ensures excellent traction and great driving pleasure in all driving conditions. It also improves driving stability when changing lanes, especially at high speeds. The system operates with a fully variable locking effect in traction and overrun modes. It is tuned to all road friction coefficients and communicates permanently with the other control units relevant for driving dynamics. There is a specially adapted control for Drift Mode.

AMG RIDE CONTROL suspension for high driving dynamics and comfort

The AMG RIDE CONTROL suspension, developed in Affalterbach, is used for agile handling, neutral cornering behaviour, and high traction. The newly tuned steel suspension with its specific spring-damper setup and adaptive adjustable damping offers an even greater spread between dynamic driving behaviour and relaxed long-distance comfort. The damping adapts to the current driving situation and road conditions at each wheel. This happens quickly and precisely via separate valves for the rebound and compression stages in the dampers. Furthermore, the damper characteristic can be pre-selected in three stages: “Comfort”, “Sport” and “Sport+”, allowing for a noticeable differentiation between high comfort and sporty driving dynamics.

The AMG high-performance braking system is matched to the power and performance of the GLC 53: Internally ventilated discs measuring 390 x 36 mm with four-piston fixed callipers and AMG lettering are used

on the front axle, and internally ventilated discs measuring 360 x 26 mm with single-piston floating callipers on the rear axle.

Three-stage AMG parameter steering and standard rear-axle steering

The steering layout also contributes to increasing both dynamics and comfort. The new GLC 53 features a three-stage AMG parameter steering that adapts to the selected driving programme. When manoeuvring and parking, only a comparatively low effort is required, while at higher speeds, the driver experiences even more feedback, especially in the “Sport” and “Sport+” chassis settings, via the adapted steering characteristic curve.

The standard rear-axle steering operates with a maximum steering angle of 2.5 degrees. At speeds of up to 100 km/h (variable depending on the AMG DYNAMICS setting), the rear wheels steer in the opposite direction to the front wheels. This leads to significantly more agile turn-in, less steering effort, and better handling. For example, the turning circle is noticeably reduced when turning or parking. At speeds above 100 km/h (variable depending on the AMG DYNAMICS setting), the rear wheels steer parallel to the front wheels – up to a maximum of 0.7 degrees. This has a positive effect on driving stability: it builds up lateral force more quickly during direction changes, allowing for more direct vehicle reactions to steering commands.

The AMG DYNAMIC PLUS Package

For an even sportier driving experience, the optional AMG DYNAMIC PLUS Package bundles high-performance equipment for special dynamism. Highlights include the electronically controlled rear-axle limited-slip differential and the RACE driving programme with Drift Mode. Active engine mounts provide situation-dependent optimized connection of the engine to the body, thus improving vehicle dynamics, especially at higher lateral acceleration and speeds. The AMG Performance steering wheel in MICROCUT microfiber features steering wheel buttons for quick operation of driving programmes and other driving dynamics settings. Red painted brake callipers with AMG lettering on the front and rear axles visually underscore the sporty character.

Golden Accents Package with exquisite elements in techgold

From market launch, the optional Golden Accents Package will be available for one year. The paint colours obsidian black metallic or graphite grey magno are combined here in the exterior with exclusive details in techgold. In addition, extensive equipment details emphasize the special look. The subtle foiling on the car flanks with the AMG logo is another optional distinguishing feature.

The matte black 21-inch AMG forged wheels in cross-spoke design are accented with techgold rim flanges and wheel hub caps. Behind the wheels, glossy black brake callipers with white AMG logos are visible. A refined detail is the fuel filler cap in silver chrome with AMG lettering and design elements in black.

With the AMG Night Package, exterior elements such as exterior mirror housings and trim strips are finished in high-gloss black. Together with the dark chrome tailpipe trims and door handles, this creates flowing transitions. Additionally, there is the AMG Night Package II. It is ideal for individualists who appreciate high-class design details. Further elements such as the struts of the radiator grille, the AMG emblem on the hood, or the type designations are finished in black chrome here.

The AMG DESIGN PLUS Package is also included. It comprises:

- Front apron with enlarged front splitter and additional flics in high-gloss black
- Enlarged AMG spoiler lip on the roof spoiler (SUV) or on the tailgate (Coupé) in body colour
- Side airflow breakaway edges around the optical air outlets of the rear apron in high-gloss black

- Diffuser blade in high-gloss black

Sporty interior with special accents

The interior of the Golden Accents Package is also unmistakably designed: The AMG sports seats are presented in elegant black leather, stylishly accented by seat bolsters and decorative stitching on the seats, colour-matched to the exterior accents, which offer attractive contrasts to the seat surfaces. The door panels and instrument panel also feature contrast decorative stitching in the same colour. The AMG carbon trim elements are woven with metallic threads, matching the techgold accents of the package.

The attention to detail is also evident in the AMG door sill panels. They feature an AMG pattern design in black and illuminate the AMG logo in white. AMG floor mats with decorative stitching in beige complete the interior enhancements.

Data at a glance

Mercedes-AMG GLC 53 4MATIC+ SUV/Coupé		
Engine		Inline six-cylinder petrol engine with exhaust gas turbocharger and electric auxiliary compressor
Displacement	cm ³	2,999
Rated output	kW/PS	330/449
at	1/min	5,500-6,100
Rated torque	Nm	600 (640 with overboost)
at	1/min	2,200-5,000
Rated output ISG	kW/PS	17/23
Rated torque ISG	Nm	205
Drive		Fully variable all-wheel drive AMG Performance 4MATIC+
Transmission		AMG SPEEDSHIFT TCT 9G Getriebe
Acceleration 0-100 km/h	s	4.2
Top speed ²	km/h	250 (optional 270)
Combined fuel consumption ³	l/100 km	9.9-9.4/9.7-9.2
Combined CO ₂ Emissions ³	g/km	226-214/221-209
CO ₂ class ³		G
Braking towing capacity	kg	2.400

² electronically limited

³ The figures are preliminary. No confirmed values from an officially recognized testing organization, EC type approval, or certificate of conformity with official values are available at this time. Deviations between the figures and the official values are possible.

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Mercedes-Benz Anniversary Year “140 Years of Innovation”

Since Carl Benz filed the patent for the first automobile 140 years ago and Gottlieb Daimler built his motorised carriage shortly afterwards, Mercedes-Benz has dedicated itself to constantly innovate and to create the world's most desirable cars for customers. This ambition has driven every innovation – from the world's first automobile in 1886 to today's intelligent and safe electric vehicles, like the all-new GLC and the award-winning all-new CLA. With the new S-Class, the company continues the biggest product launch programme in its history. With its passion for performance and pioneering power, excellence and an unwavering commitment to customer service, the brand has consistently shaped the future of mobility. The result goes well beyond engineering achievement – it creates the unmistakable feeling that leads through everything Mercedes-Benz does: Welcome home.

Mercedes-Benz is celebrating 140 years of innovation by driving three new S-Class saloons on a trans-continental journey to 140 locations worldwide. Each place highlights the brand's technology, heritage, pioneering spirit and worldwide presence. Along the way customers, fans and colleagues will get to join in the celebrations - on an epic adventure that will run until October. Follow the “140 Years. 140 Places” drive across six continents on our “[140 years of innovation | Mercedes-Benz Media](#)” special and via the [Mercedes-Benz Community](#).

Further information about **Mercedes-AMG** is available at www.mercedes-amg.com and on our **LinkedIn channel** under [Mercedes-Benz AG | LinkedIn](#).

Press information and digital services for journalists and multipliers can also be found on our **Mercedes-Benz Media online platform** at media.mercedes-benz.com.

Mercedes-Benz AG at a glance

Mercedes-Benz AG is part of the Mercedes-Benz Group AG with a total of around 175,000 employees worldwide and is responsible for the global business of Mercedes-Benz Cars and Mercedes-Benz Vans. Ola Källenius is Chairman of the Board of Management of Mercedes-Benz AG. The company focuses on the development, production and sales of passenger cars, vans and vehicle-related services. Furthermore, the company aspires to be the leader in the fields of electric mobility and vehicle software. The product portfolio comprises the Mercedes-Benz brand with Mercedes-AMG, Mercedes-Maybach and G-Class with their all-electric models as well as products of the smart brand. Mercedes-Benz AG is one of the world's largest manufacturers of high-end passenger cars. In 2024 it sold around 2.4 million passenger cars and vans. In its two business segments, Mercedes-Benz AG is continually expanding its worldwide production network with more than 30 production sites on four continents, while gearing itself to meet the requirements of electric mobility. At the same time, the company is constructing and extending its global battery production network on three continents. As sustainability is the guiding principle of the Mercedes-Benz strategy and for the company itself, this means creating lasting value for all stakeholders: for customers, employees, investors, business partners and society as a whole. The basis for this is the sustainable business strategy of the Mercedes-Benz Group. The company thus takes responsibility for the economic, ecological and social effects of its business activities and looks at the entire value chain.