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Mercedes-Benz

# The R-Class



Mercedes-Benz





us car we have ever built. Because *noblesse oblige* – as does the name Mercedes – are not to be found in your bank account – they are on the back seat. and. An extra measure of greatness. There is room for everything in the R-Class. The interior concept of the new R-Class is more than flexible. This is pre- displayed by the new R-Class, too. At least where consumption is concerned, a Mercedes is one thing. But combining legendary standards of comfort with high performance with dynamism of a calibre you would not necessarily expect from a car with these proportions. But a Mercedes is the exception. You like travelling up to three rows of seats, plenty of legroom, armrests, cup holders, two options for the seats. **A king amongst family cars.** Allow us to introduce: the smallest *noblesse oblige* – as does the name Mercedes-Benz. The new R-Class takes

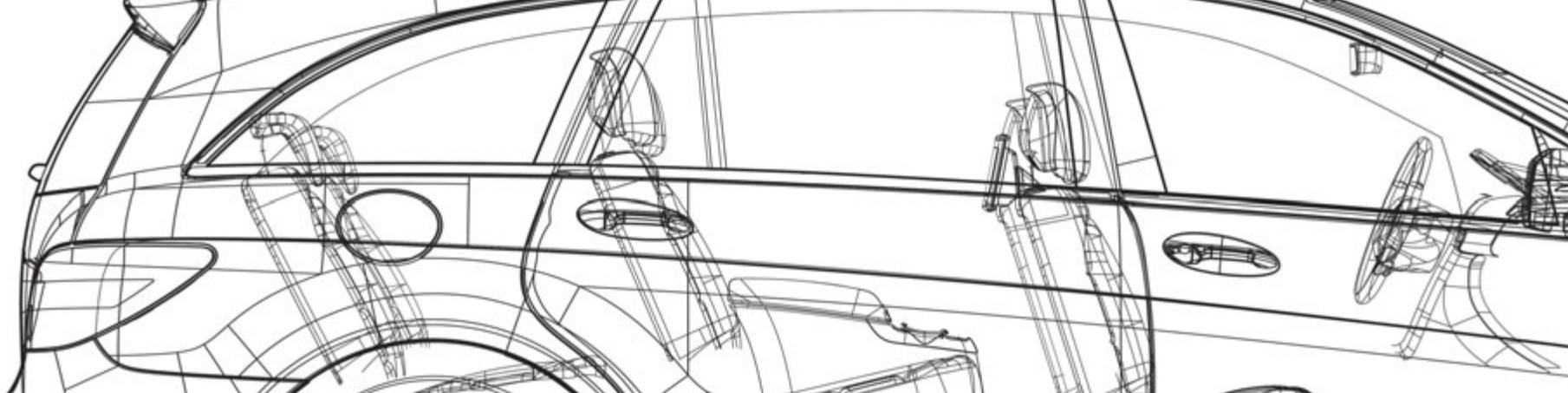


The new R-Class represents the very finest virtues. A love of the family, for example: no other passenger car from Mercedes-Benz gives your nearest and dearest this much space. The standards of uncompromising quality you demand are evident in the finest workmanship of beautiful materials. The R-Class assumes responsibility with its new assistance

systems. It can increase the safety of the occupants and show consideration for other road users. With numerous BlueEFFICIENCY measures it shows respect to our environment. The new R-Class. A car beyond reproach. And quite rightly a king amongst family cars.

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## The R-Class



**Room for leading-edge technology:** BlueEFFICIENCY, diesel and petrol engines, transmission and chassis.

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**Safety for the whole family:** the latest active- and passive-safety technologies.

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**First-class travel:** flexible space concept and comfort for up to seven people, multimedia and assistance systems, climate control and seats.

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## A kingdom with seven thrones

Allow us to introduce: the smallest kingdom in the world – or the most spacious car we’ve ever built. The new R-Class fulfils the most discerning requirements regarding space, comfort and quality for up to seven people. Because *noblesse oblige* – as does the name Mercedes-Benz.



The new R-Class takes care of your dearest valuables, its generous dimensions playing but a small part. If you wish, it can monitor the blind spot, as well as helping you to maintain the desired distance from the vehicle in front. After all, your real riches are not to be found in your bank account – they're on the back seat.





Built for your most treasured possession.  
Your family

His Majesty in new robes





The new R-Class displays a regal stance: the widened radiator grille is more upright. The restyled headlamps are focused firmly ahead. With fine shoulderline trim strips and elegant door handles it sets a shining example in chrome. It's evident in every detail: the new R-Class comes from a good home.

## R the Great

An extra measure of greatness. The long-wheelbase version of the R-Class offers even more room in the second and third rows. Even the sliding sunroof steps up a size: as an option, you can have a panoramic sliding sunroof that stretches over virtually the entire area of the roof. There's room for everything in the R-Class.









A silver car is partially visible on the left side of the frame, parked on a gravel path. The background features a well-manicured green hedge and a bright sun that creates a lens flare effect, illuminating the scene with a warm, golden light. The overall atmosphere is serene and open.

## Your wish is his command

You can do as you please here to your heart's content. The interior concept of the new R-Class is more than flexible. Each rear seat can be folded down individually. And you can even create a flat load surface should you ever need it. This is precisely how it should be: a car that listens only to *your* wishes.







In the front: you reign  
supreme. In the rear:  
free rein for the children







Modesty is a virtue displayed by the new R-Class, too. At least where consumption is concerned: a low  $C_d$  value and numerous BlueEFFICIENCY measures perform their magic. Efficient mobility is our crowning glory.

Building a generously dimensioned car is one thing. But combining legendary standards of comfort with high agility is not something very many manage at this level. The new R-Class impresses with dynamism of a calibre you wouldn't necessarily expect of a car with these proportions. But a Mercedes is the exception.






There are palaces aplenty.  
But only a select few have four wheels





An aerial photograph of a golf course. The left side shows a light-colored, textured fairway, and the right side shows a dark green, smooth putting green. A small patch of darker green foliage is visible in the top left corner.

You like travelling in a more distinguished fashion? The R-Class is your private jet for the road: up to three rows of seats, plenty of leg-room, armrests, cup holders, two optional 8-inch screens. Plus an individually adjustable air conditioning system – as an option in the rear, too. In fact, the only thing we haven't included is numbering for the seats.

The first Mercedes  
that's every inch a king

Why not simply take your  
entire entourage with you?











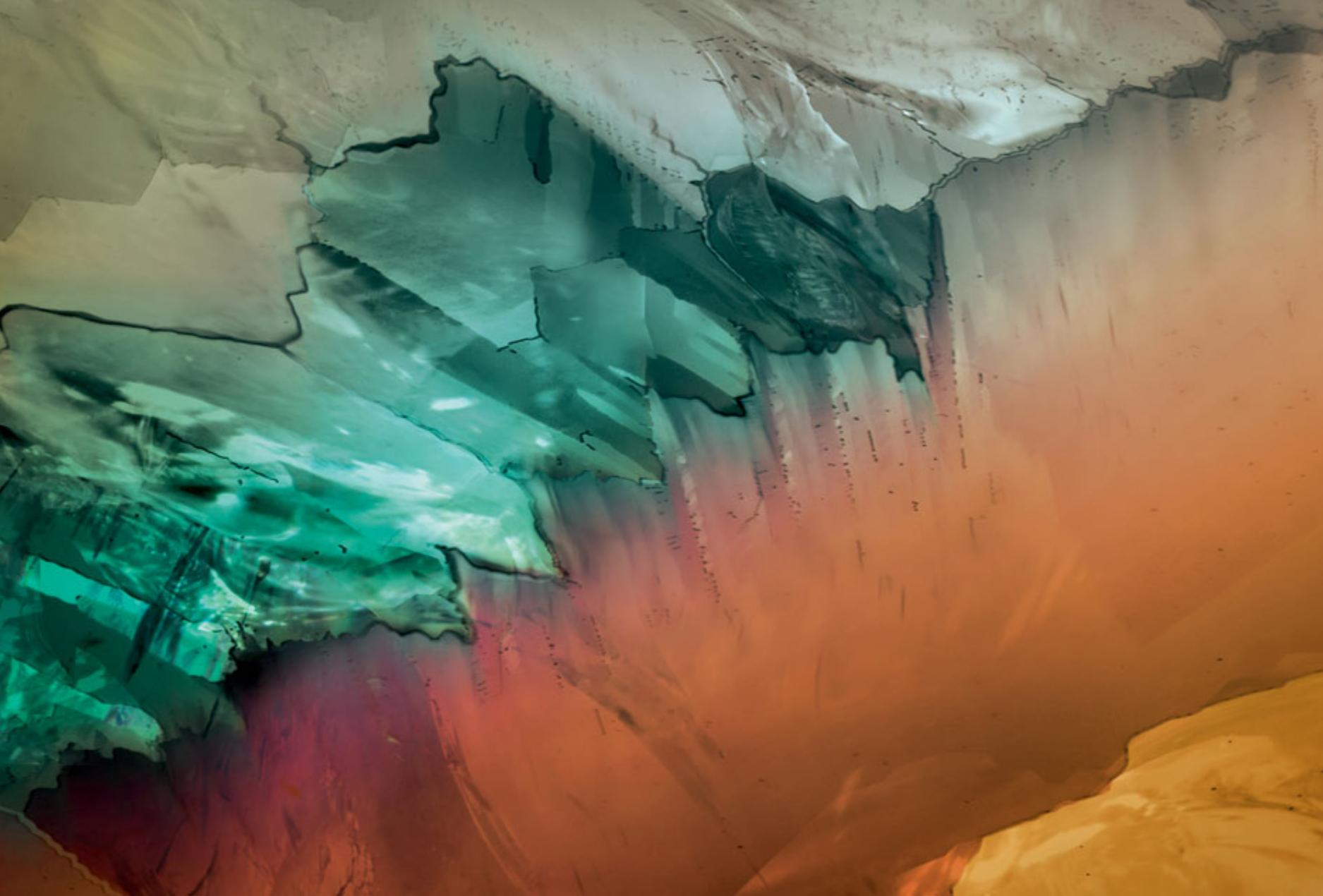
“Papa Benz”, as he was lovingly and respectfully known to many of his contemporaries, was not just the father of the motor car – he was also the proud father of five children. They always supported him in any way they could. The eldest, for instance, accompanied him on those very first test drives – not in the car, though. Off Eugen would go, petrol can in hand, whenever the fuel ran out. For whilst the carriage had an engine, there was no petrol tank at the outset. Even when it came to the regular test runs through Mannheim at night the family proved indispensable. The pioneer required assistance pushing the car and starting the engine, and sometimes he needed even more help when it came to driving home, a procedure which would often turn into pushing home on the initial attempts.

As we travel in comfort from A to B in the cars of today, there is no trace of all the effort involved in those early days. Thanks to an ingenious inventor and his family of seven. It’s for families such as these that we build the R-Class.





For Karl, Bertha, Eugen, Richard, Klara, Thilde and Ellen



## On the art of creating a clean diesel

Seen up close, BlueTEC is the most natural thing in the world. Because what looks like a shimmering precious stone here is in reality nothing more than crystallised urea under the microscope.

There's a very good reason why engineers at Mercedes-Benz – as well as naturopaths – scrutinise this wondrous organic compound. Urea is the main component of AdBlue® – the all-important fluid in the fight against diesel emissions. In our BlueTEC models, AdBlue® is injected into the prefiltered ex-

haust gas flow. The urea binds the remaining nitrogen oxides through a natural chemical reaction and reduces the unwanted emissions by ninety percent, leaving only clean air and water.

This all sounds pretty easy, one might think – not rocket science. But isn't that always the way with revolutionary ideas? It's just a matter of coming up with them. So if your Mercedes should pass water in future, it's because we have such clever engineers. There's nothing to worry about. It's only natural.



BlueTEC 4MATIC Rated output 155/3400 kW at rpm Rated torque 540/1600-  
Acceleration from 0 to 100 km/h 8.9 s Top speed 220 km/h Tyre size front 230  
Consumption l/100 km urban 11.0 extra-urban 6.9-7.0 combined 8.4-8.5 CO<sub>2</sub> em  
13 l Boot capacity max. 2385 l Turning circle diameter 12.6 m Kerb weight 2  
Engement 6/V Total displacement 2996 cc Rated output 170/6000 kW at rpm  
11.3 Acceleration from 0 to 100 km/h 9.6 s Top speed 222 km/h Tyre size  
Consumption l/100 km urban 14.0 extra-urban 8.5-8.8 combined 10.5-10.7 CO<sub>2</sub> em  
erve 13 l Boot capacity max. 1950 l Kerb weight 2130 kg Turning circle dia  
Number of cylinders V8 Total displacement 5461 cc Rated output 285/6000 kW  
Engement 6/V **The facts.** Total displacement 2987 cc R 350 BlueTEC 4MATIC  
Compression 16.5 540/1600-2400 Nm at rpm Compression 16.5 Acceleration fr

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## BlueEFFICIENCY – fast forward to tomorrow

We are quicker at getting environmentally friendly future technologies to where it matters most: on the road. As the inventor of the motor car, Mercedes-Benz has a special responsibility – one we have undertaken with all our might for many years. By the end of 2010, we will be able to offer you over 85 models with BlueEFFICIENCY technologies, all of which place far less of a burden on the environment – without compromising on safety, comfort and driving enjoyment.

Our BlueEFFICIENCY concept comprises innovations for efficient mobility as well as optimised processes all the way along the value chain. They involve different approaches, but they all have a common goal: to make your individual mobility as sustainable as possible.

**The BlueEFFICIENCY measures – the Mercedes-Benz efficiency package.** This package consists of comprehensive vehicle optimisations designed to save fuel and ease the burden on the environment. Each model combines the most

efficient engine with latest-generation aerodynamic and energy-management measures to minimise fuel consumption. Such measures include intelligently controlled ancillaries, tyres with optimised rolling resistance, lightweight components and the ECO start/stop function, which is being made available for an increasing number of models. The new BlueDIRECT V6 and V8 petrol engines in the S-Class, CL-Class and CLS-Class, for example, reduce fuel consumption by up to 24% yet have a much higher power output.

**BlueTEC – the clean diesel.** Mercedes-Benz has brought to market BlueTEC technology for diesel engines based on common-rail direct injection (CDI). A modular emission-control system makes BlueTEC an exceptionally clean diesel technology, as not only does it remove up to 95% of the particulate from the exhaust gases, it also reduces nitrogen oxides by up to 90%. All that remains is essentially water, harmless nitrogen and the satisfying feeling of having helped to ease the burden on the environment.

**HYBRID – the intelligent combination of petrol and electric drive.** A well-established team makes a lot of things easier. And this is certainly true in the case of HYBRID technology. Here the electric motor is used for the recuperation of braking energy, which is stored in the battery. When needed, this energy is returned to the electric drive, which assists the petrol engine when the car is accelerating. What's more, the ECU shuts off the petrol engine when the speed falls below 15 km/h. In this way, a HYBRID can reduce fuel consumption by up to 20%. So it looks



The BlueEFFICIENCY measures bring about a substantial reduction in fuel consumption and CO<sub>2</sub> emissions





after the environment as well as your bank balance. Perfect teamwork, you might say.

**BlueTEC HYBRID – clean diesel combined with electric drive.** It marries the benefits of the HYBRID with those of BlueTEC: during braking, the kinetic energy is converted into electrical energy, which can be re-used when required. At the same time, the BlueTEC technology cleans the exhaust gases and removes many of the pollutants. All of which makes the economical diesel powerplant even more efficient, agile and clean.



Taking the E-Class as a basis, we are using **BlueTEC HYBRID technology** to develop the first diesel hybrid in this class

**Innovative drive systems that break new ground: E-CELL and F-CELL.** Mercedes-Benz has developed these two locally emission-free drive systems. The B-Class F-CELL is already being produced on a small scale and has been displaying its everyday practicality on Germany's roads since mid-2010. It uses hydrogen to produce power for the electric motor in a fuel cell. The first models from a small series of the A-Class E-CELL – featuring an electric motor which draws its energy from two lithium-ion batteries, giving it an average range of more than 200 km –



The A-Class **E-CELL** allows locally emission-free driving with a battery-powered electric motor

will start to roll off the production line at the end of 2010. There will also be an E-CELL PLUS, which will include a small internal combustion engine (Range Extender) to increase the range of the electric vehicle.

But that is not all: under the banner “Design for Environment”, we also look at a vehicle's entire lifecycle and work hard to preserve the environment from the planning stage right through to recycling. The same applies to the building and running of new plants. In addition, we are heavily involved in the development of alternative fuels and carry out research in the field of bionics. In short, BlueEFFICIENCY is good news for both you and the environment.

Further information about our comprehensive measures can be found at:  
[www.mercedes-benz.com/blueefficiency](http://www.mercedes-benz.com/blueefficiency)

## Diesel engines

Cleaner, more powerful and more economical: the R-Class also signals the launch of the latest Mercedes-Benz diesel technology. The powerful and quiet engines impress with their low consumption and emission levels

**6-cylinder V-engines.** The enhanced BlueTEC technology in the new R 350 BlueTEC 4MATIC<sup>1</sup> with 155 kW is particularly low on emissions. BlueTEC is the name given to the technology developed by Mercedes-Benz for effective cleaning and aftertreatment of exhaust gases from diesel drive systems. With its modular structure the system facilitates exemplary values in all exhaust gas constituents and impresses with a sustained reduction in nitrogen oxide emissions. In practical terms, this means that BlueTEC already more than meets the exhaust emissions class of the less immediate future (Euro 6). Add to that lower

consumption coupled with effortlessly superior performance and a hefty torque of 540 Nm and it's clear that the new R 350 BlueTEC 4MATIC sets an excellent example.

The R 350 CDI 4MATIC with 195 kW has the most powerful V6 diesel engine common-rail technology at its disposal. Precise and fast piezo injectors, a high injection pressure of up to 2000 bar and a huge maximum torque of 620 Nm – this all adds up. Not to mention very good traction performance thanks to the superb working relationship enjoyed with the standard-specification

all-wheel-drive system 4MATIC, available in all versions. At the same time the engine runs smoothly, economically and cleanly, as you would expect from a state-of-the-art unit that complies with Euro 5 emissions class.

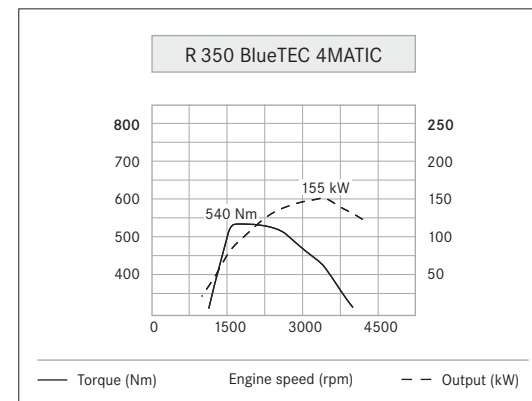
Efficiency is also the watchword where the R 300 CDI BlueEFFICIENCY<sup>2</sup> is concerned: with its systematic lightweight construction, the engine comes complete with common-rail diesel technology. It offers a respectable output (140 kW) and a high torque of 440 Nm even in the lower engine speed range – coupled with favourable

<sup>1</sup> Only available as R-Class long-wheelbase version    <sup>2</sup> Not available as R-Class long-wheelbase version

consumption and emission levels in accordance with the Euro 5 emissions class. But this is by no means all: the measures integral to this model, such as tyres with low rolling resistance, intelligently controlled ancillaries and optimised aerodynamics, all help to sustainably increase the vehicle's efficiency.



The 6-cylinder diesel engine in the R 350 CDI 4MATIC has supreme pulling power on tap in every driving situation



The R 350 BlueTEC 4MATIC achieves its maximum torque of 540 Nm as early as between 1600 and 2400 rpm

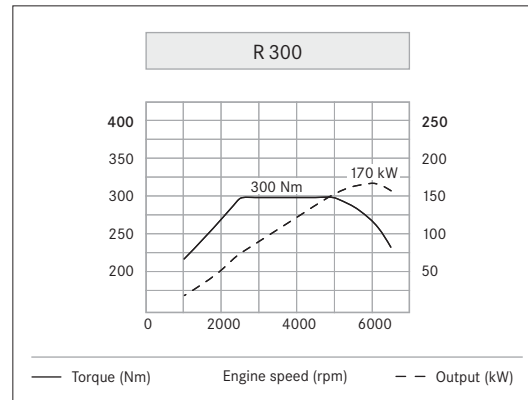
## Petrol engines

There are three powerful petrol engines to choose from for the new R-Class



Refined power comes courtesy of all 6-cylinder petrol engines for the new R-Class

<sup>1</sup> Only available as R-Class long-wheelbase version



The R 300 impresses with high pulling power over a wide engine speed range

**6-cylinder V-engines.** The 6-cylinder engines with 4-valve technology in the R 300 and R 350 4MATIC embody refined power. The maximum torque of 300 and 350 Nm respectively facilitates immediate power delivery over a particularly wide engine speed range, which means that impressive reserves of power are available in every driving situation, ensuring relaxed motoring. A further defining characteristic of the V6 engines is their efficient use of fuel. Behind this lie four variable camshafts which are continuously controlled as required, so that precisely the correct amount of fuel is called upon for the

driving situation in question. The R 300 has an output of 170 kW, the R 350 4MATIC 200 kW, and both engines conform to the Euro 5 emissions class.

**8-cylinder V-engine.** A superb specimen heads up the engine range for the new R-Class: the R 500 4MATIC<sup>1</sup>. Effortless superiority and smooth running characteristics are the major strengths displayed by this powerful V8 engine. Responsible for the high performance potential – that goes hand in hand with lower consumption and reduced emissions – are the lightweight-construc-

tion materials such as magnesium, which are also used in the world of motorsport, and the optimised air supply plus four valves per cylinder. This is how the 8-cylinder powerplant comes by its rated output of 285 kW, developing a maximum torque of 530 Nm, which is available over a wide engine speed range of 2800 to 4800 rpm. The R 500 4MATIC accelerates from 0 to 100 km/h in 6.3 seconds and reaches a top governed speed of 250 km/h. This petrol engine also meets the tighter limits of the current Euro 5 emissions class.

# Transmission

The intelligent automatic transmission 7G-TRONIC constantly adapts to meet the requirements of the current driving situation and the individual driving style of whoever is at the wheel

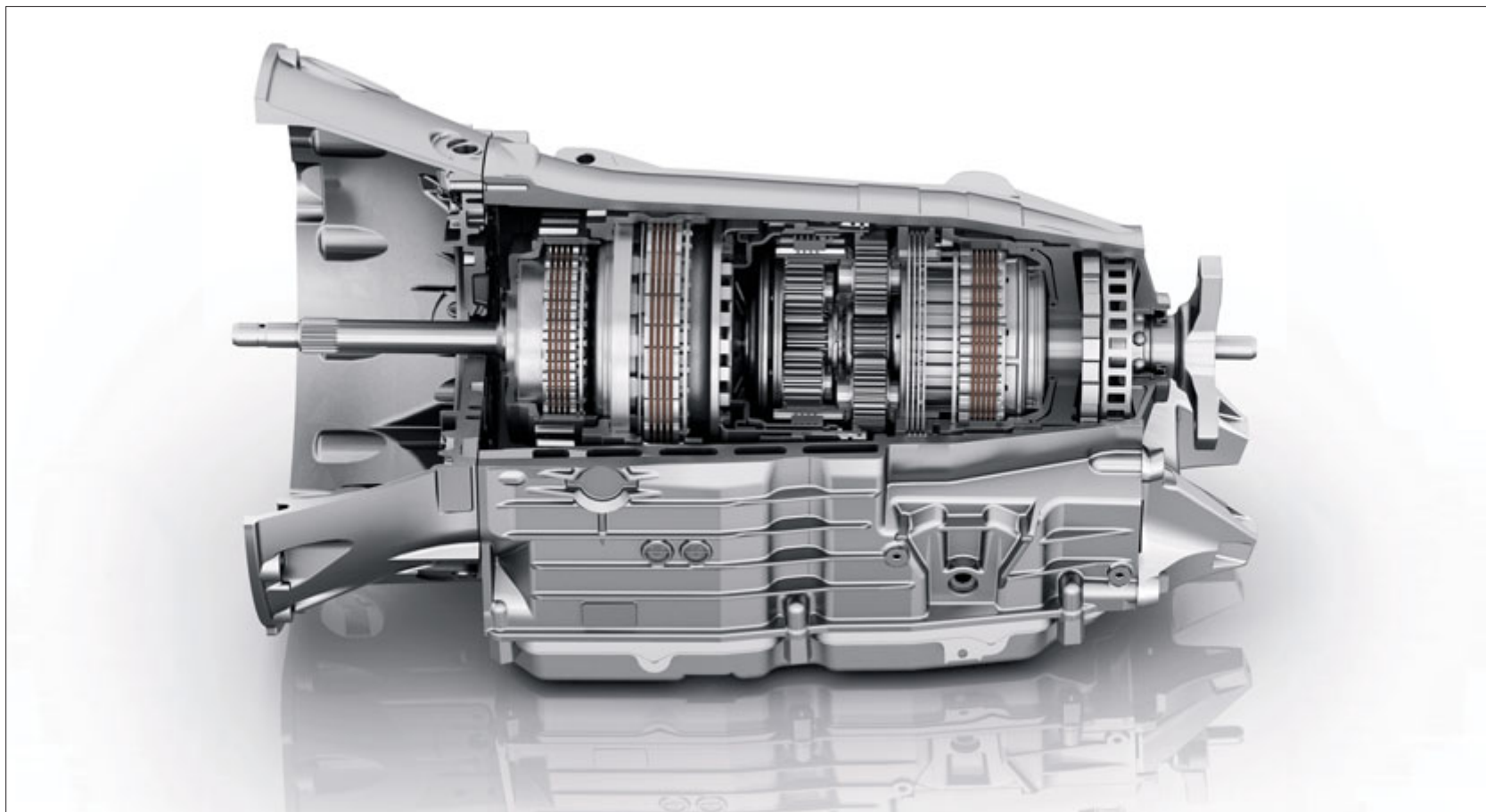
**7G-TRONIC.** The R-Class comes as standard with the 7G-TRONIC 7-speed automatic transmission, operated via the DIRECT SELECT lever on the steering column. The seven forward gears allow an ideally adapted engine speed at all times, cutting fuel consumption, which is further reduced through the 7G-TRONIC PLUS in the R 350 CDI 4MATIC and R 300 CDI BlueEFFICIENCY. Shorter shift times and smoother shifts make gear changes easier and reduce noise levels. Driving enjoyment is also enhanced: the car benefits from better acceleration and boasts more pulling power. What's more, gears can be skipped for fast in-gear acceleration.

**DIRECT SELECT.** The DIRECT SELECT shift lever on the steering column is operated intuitively and replaces the conventional automatic selector lever in the centre console. You can adjust the automatic transmission settings P, N, R and D by shifting up and down and at the push of a button. The function commands are transmitted purely electronically. Manual shifting is also possible – via the standard-specification shift paddles on the steering wheel. This means that drivers can decide for themselves whether to control gear shifting manually via the steering-wheel gear-shift paddles or to leave it up to the automatic transmission. The freedom to make decisions is

just one of the comfort features the new R-Class has to offer.



DIRECT SELECT lever



The 7G-TRONIC: one of over eleven million automatic transmissions produced at Mercedes-Benz in a period spanning more than 40 years

## Chassis and suspension

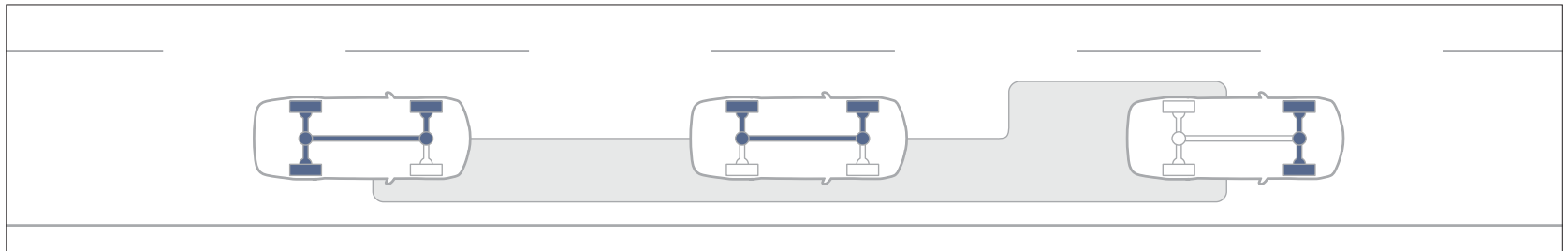
4MATIC permanent all-wheel drive provides impressive traction as well as enhanced directional and driving stability. The chassis and the AIRMATIC air suspension really come into their own on the road, offering a high level of comfort as well as impressive agility

**4MATIC** (depending on model). As 4MATIC is always active, it responds virtually instantaneously in poor weather conditions such as rain, black ice or snow. 4MATIC is assisted by the Electronic Stability Program ESP® and the electronic traction system 4ETS with the integral ABS and ASR functions. The latter enables controlled braking of spinning wheels and, as a consequence, increases the drive torque at the

wheels offering good traction, allowing plenty of power to be planted on the road when moving off and when accelerating, especially on poor road surfaces. 4MATIC makes conventional differential locks superfluous: the automatic braking pulses make it easier to move off on slippery ground as well as enhancing stability during critical manoeuvres. A further advantage of the system is the fact that it is hardly any heavier than the

rear-wheel-drive version on account of the compact design, intelligent choice of materials and high level of efficiency.

**Direct-Steer system** (standard). The Direct-Steer system features a steering ratio that becomes increasingly direct the greater the steering angle and reduces the need to steer in wide steering angles such as when parking or on tight bends.

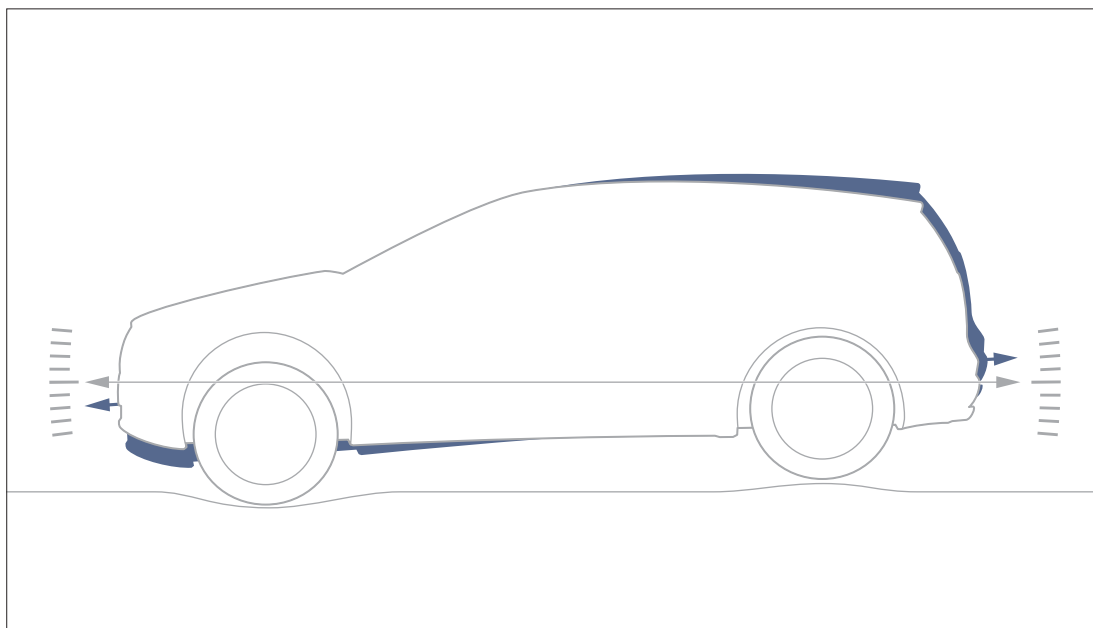


The electronic traction system 4ETS automatically sends the drive torque to the wheels offering sufficient grip



This increases the vehicle's agility and steering comfort through precise steering characteristics and good feedback. The electrohydraulic power-assisted steering in the R 300 CDI BlueEFFICIENCY and R 350 BlueTEC 4MATIC also helps to save fuel.

**AIRMATIC** (optional). AIRMATIC air suspension, with adaptive shock absorbers, adjusts itself in line with the current road conditions, vehicle load and driving situation. The driver can select either comfort-oriented or sporty settings manually. Or the system will switch to stiffer settings of its own accord, while the level of the car can be altered as required at the touch of a button.

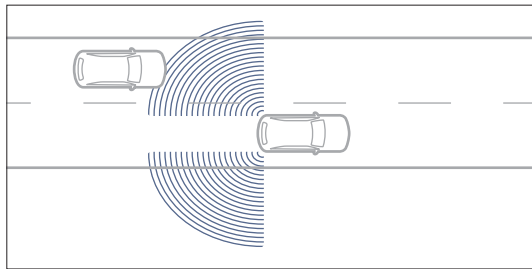


AIRMATIC air suspension helps to maintain a constant ground clearance, even if the car is carrying a heavy load

## Safe driving

In the “safe driving” phase, vehicle systems can be activated in order to prevent an accident. Like the assistance systems in the new R-Class, for example: their awareness can defuse even critical situations and so forms an ideal basis for relaxed driving

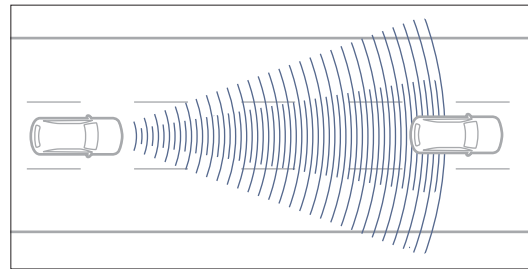
**Blind Spot Assist** (option). The Blind Spot Assist system monitors the area which cannot be seen by the driver directly to the side of and behind the vehicle - in short: if the assistance system detects the danger of an impending collision with another vehicle when changing lane, the driver is warned by a signal in the exterior mirror from a speed of 30 km/h. If the driver uses the indicator in a



The Blind Spot Assist uses two radar sensors to monitor the blind spot

situation like this, an additional audible warning sounds. This also occurs if the system detects that another vehicle is moving from the next-but-one to the next lane.

**DISTRONIC** (option). The DISTRONIC proximity control uses a radar sensor to help the driver maintain the set distance to the vehicle in front in



DISTRONIC serves to ease the burden on the driver and can improve driver-fitness safety

a speed range of 0 to 200 km/h. This takes a lot of strain off the driver, particularly on motorways, on roads with motorway-like conditions and in heavy traffic: if the system recognises that your R-Class is approaching a slower vehicle ahead, it decelerates or activates the brake of its own accord. When the road is clear again, DISTRONIC continues to work like a conventional cruise control.

**Bi-xenon headlamps with LED daytime driving lights** (option). Optimum visibility and light conditions are ensured thanks to the combination of bi-xenon headlamps and new LED daytime driving lights. The latter comprise two lamps, each with seven light-emitting diodes in order to improve perception by other road users. Further advantages include low electrical consumption

and a long life. And last but not least the look also derives benefits from the up-to-the-minute design: the lights sport an innovative, differentiating appearance when switched on. The bi-xenon headlamps offer better light intensity, a greater beam range and wider illumination than conventional headlamps. The dynamic headlamp range control prevents drivers in oncoming

traffic from being dazzled, whilst the headlamp cleaning system keeps the headlamps free of dirt.

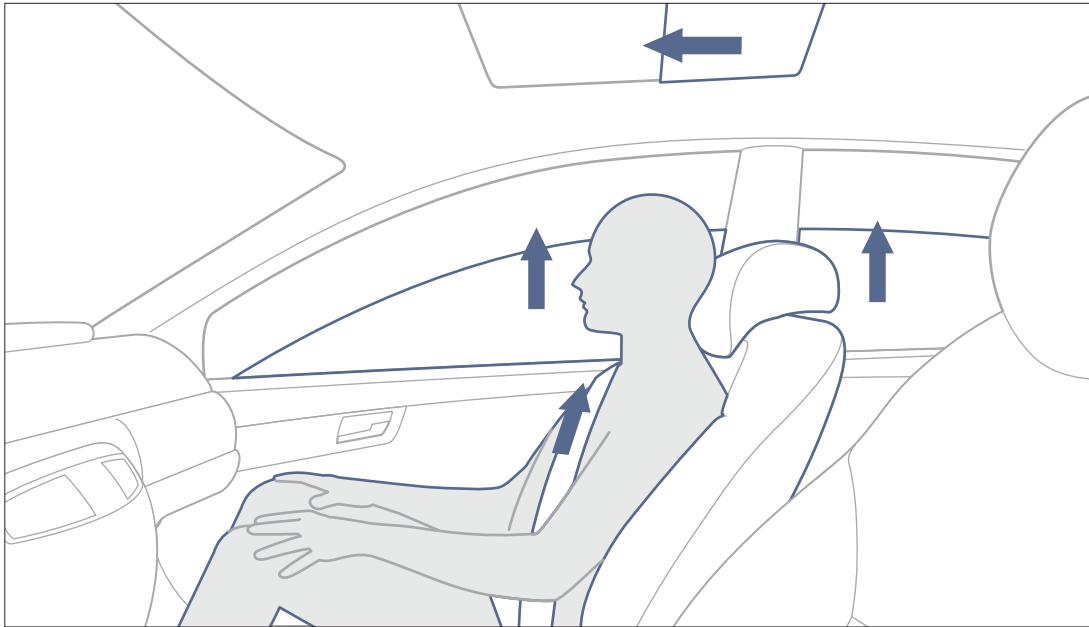
**ESP® incl. trailer stabilisation** (standard). While towing, trailer stabilisation gives the driver additional support, along with the standard-specification Electronic Stability Program ESP®. If the trailer starts swinging back and forth when on the move, this intelligent system can recognise the problematic driving situation and applies short brake actuations to stop the trailer movement promptly.



Thanks to the LED daytime driving lights other road users can see the vehicle more easily

## In the event of danger or an accident

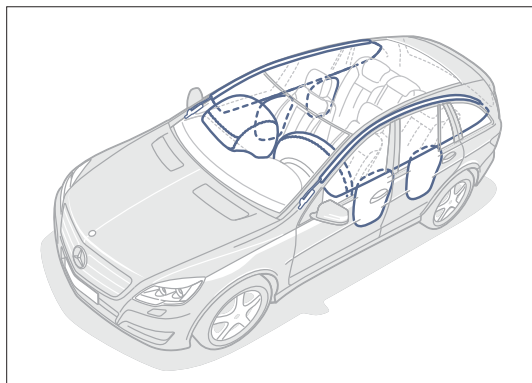
Whether there's the danger of an accident or one can no longer be avoided, the R-Class does everything in its power to provide better protection for the driver and passengers



**PRE-SAFE® system** (standard). Depending on the driving situation and vehicle equipment, the system can initiate protective measures – for example reversible belt tensing with the PRE-SAFE® positioning function for the front passenger seat (in conjunction with the optional Memory package) and automatic closing of any side windows that may be open and/or of the optional sliding sunroof.

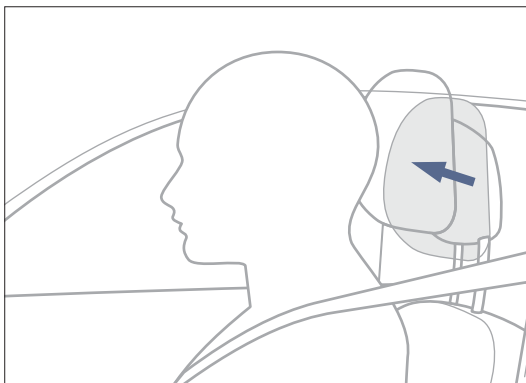
The anticipatory occupant protection system PRE-SAFE® can recognise critical driving situations and initiate preventive measures in order to protect the occupants

**Airbags** (standard). The interior of the R-Class also boasts no less than six airbags which can help prevent – or reduce the severity of – injuries in case of a collision. Passenger protection includes two adaptive front airbags with two-stage deployment, depending on the projected



Standard equipment includes windowbags for all 3 possible seat rows plus airbags & sidebags for the driver & front passenger

impact of an accident. The R-Class also has sidebags in the front seat backrests for the driver and front passenger, plus two large windowbags extending over each of the total of three seat rows that are possible. Sidebags for the second row of seats are also available as an option.



The flexible side bolsters on the NECK-PRO luxury head restraints can be adjusted by hand for the driver and front passenger

**NECK-PRO head restraints** (standard). The crash-responsive NECK-PRO head restraints improve protection for the occupants and help to reduce the risk of whiplash injury. If a rear-end collision is registered the head restraints are pushed forwards by around 40 millimetres and upwards by 30 millimetres, thus providing support for the heads of the front seat occupants at an early stage. The flexible side bolsters on the optional NECK-PRO luxury head restraints provide additional lateral support for the head, whilst increasing seating comfort at the same time.

## Seating variants

Ready for any challenge: the variable interior concept with up to seven seats



Comfort from back to front: Executive Chairs in the generously sized rear

**5-seater** (standard). You always travel first-class in the R-Class – even in the second row. The luxurious individual-seat concept enhances ride comfort for all the passengers. With its two Executive Chairs, the rear is as inviting as the front seats when it comes to the levels of space and comfort on offer. There is also a centre seat, which can simply be folded down if you wish, and it then serves as a practical, comfortable centre armrest.

**4+2-seater** (option). If you so choose, the second seat row of this equipment variant can become the proud owner of a rear centre console featuring two cup holders and numerous stowage facilities. Meanwhile, the longitudinally adjustable Executive Chairs also have two armrests each. So the already generous amount of space for the rear passengers can be increased even further,

and in the third row another two seats are available, both of which can be folded away whenever you like.

**5+2-seater** (option). As in the 4+2-seater, you reach the individual seats in the third row in comfort courtesy of the EASY-ENTRY system, which is automatically integrated in both

variants. Even with seven people on board there is still room for some light luggage. In addition to this the 5+2-seater is equipped with air suspension and level control on the rear axle as part of the standard specification.



Six pack: the 4+2-seater with six comfortable individual seats



Particularly generous – particularly flexible. The 5+2-seater with its folding centre seat

## Folding variants

Manifold possibilities – the variable interior concept of the R-Class in detail



You can transform the interior into a flat load area in just a few simple steps



**Flexibility.** To enable you to derive maximum benefit from the generous interior of the R-Class, we have developed an innovative individual seat concept for the vehicle. It comes with the advantage that each rear seat can be folded forward separately. As well as the standard-fit five-seat configuration, you also have the option of two, three, four, six or seven seats.

**Child seat concept.** The R-Class effortlessly achieves top marks as a family car, too. In the second row of seats there is room for up to three child seats next to each other. The two outer seats have what are known as ISOFIX attachment systems which make it possible to anchor the child seat directly to the car's body. For safety is a big priority when it comes to your smallest passengers.

**Spaciousness.** If there are five of you out and about in the car, there's still room in the boot for six large suitcases – more than sufficient for five people. A few steps are all it takes to make full use of all the space the R-Class has to offer: simply fold forward the seat cushions and backrests in the second and third rows. This won't create any steps or recesses – just the type of

load area you'd expect to find in a delivery van rather than a luxury saloon.



The innovative individual seat concept in the R-Class



One by one: each seat can be folded forward individually

## Load compartment

Luxury means not having to do without anything – not least luggage



In the end only comfort counts: the EASY-PACK system helps you when loading up

**EASY-PACK system** (option). The R-Class makes light work of heavy luggage: the EASY-PACK load compartment management system makes loading and stowing as easy as can be. The EASY-PACK tailgate available as an option opens and closes at the touch of a button, and can be stopped in any position – very handy for avoiding contact with low garage ceilings, for instance.

**Load compartment.** Open up the tailgate and you will find that a luxurious amount of space with a total of up to 2001 litres of load capacity (or 1950 litres in the 4+2- and 5+2-seater) comes as standard. A load compartment length of nearly two metres means that you have enough space not to have to restrict yourself – no matter whether you want to take the bicycles on holiday with you or find yourself having to transport a bulky sofa. And thanks to a high-quality velour

cover, your luggage is always in the best of hands. The optional load compartment cover helps keep things looking neat and tidy and also protects your possessions from prying eyes.

**Load compartment floor.** In standard specification we offer the R-Class as a 5-seater with a large load compartment flap recessed into the

load compartment floor. In this way the generous luggage space is supplemented with an additional 51-litre stowage compartment (not included in the 4+2- or 5+2-seater).



Safety and comfort rolled into one: optional partition net for occupant protection and load anchorage



Room for special extras: there is a generous stowage area beneath the load compartment

## Multimedia systems

As an option the new R-Class offers an entire programme of entertainment, including such features as the Rear Seat Entertainment System or the COMAND APS multimedia system. Meanwhile, the Harman Kardon® Logic 7® surround sound system, also available optionally, sets the tone perfectly

**COMAND APS** (option). The COMAND APS multimedia system combines a radio and MP3 player with a hard-disc navigation system including high-resolution map display and TMC PRO dynamic route guidance. Three years' updates for your map data are included (counting from the moment of first vehicle registration). The system shows all the information you need on a central colour



The COMAND APS is extremely easy to use

display with a diagonal size of 16.5 cm. The DVD drive brings you the best in entertainment, and as well as video and audio DVDs it also plays CDs and MP3 files. What's more, there is a further 4 GB of memory on the hard disc for audio files in MP3 or WMA format. And an SD memory card slot and Aux-in connection are included in the standard specification. All the major functions



The two displays for the Rear Seat Entertainment System are mounted on the front-seat head restraints

can also be called up via the voice-operated control system LINGUATRONIC.

**Rear Seat Entertainment System** (option).

The Rear Seat Entertainment System comprises a DVD player, two TFT colour displays with a 20.3-cm diagonal on the front head restraints, two sets of wireless headphones, remote control and two Aux-in connections, allowing the rear passengers to watch films or connect a games console during the journey. Both displays can be used independently of one another. Thanks to the optionally available TV receiver passengers in the R-Class can even watch live television programmes.

## Assistance systems

Assistance systems provide additional comfort in the new R-Class. Parking is now child's play, thanks to PARKTRONIC and the reversing camera

**PARKTRONIC** (option). The PARKTRONIC parking aid helps the driver when parking and manoeuvring in tight spaces. If PARKTRONIC detects that there is not enough space available in front of or behind the vehicle, it warns the driver by giving visual signs. These are accompanied by acoustic signals if the distance falls below 35 cm. The system works according to the echo-sounder principle; a total of ten sensors send out ultrasound signals which are reflected by other vehicles or obstacles.

**Reversing camera** (option). Available as an option, the reversing camera, too, can make parking easier. Its wide-angle lens is integrated in the handle on the tailgate. The reversing camera is automatically switched on when reverse gear is engaged, and shows on the COMAND display

exactly what it detects in the area immediately behind the vehicle, so it helps make reverse parking easier and safer by giving the driver a better view of the area surrounding the car's tail end.

The reversing camera is available exclusively in conjunction with COMAND APS.



The reversing camera films the area around the tail end of the car

## Climate control

An ideal interior climate is paramount when it comes to ensuring a high level of stress-relieving safety. This is why the climate control system for the R-Class is exceptionally versatile and can be adjusted to meet the needs of each individual occupant

**THERMATIC** (standard). The THERMATIC automatic climate control system uses sensors to control the air distribution, temperature and ventilation automatically and separately for the left- and right-hand side of the interior (2 climate zones). In accordance with the preselected temperature and the desired air distribution, the air can be automatically cooled or heated and the system is very easy to operate. If required, manual intervention in this automatic control process is also possible. Further standard-fit features include air recirculation and the combination filter (dust and activated charcoal filter), which keeps particulate matter at bay and improves the overall air quality.

**THERMOTRONIC** (option). The THERMOTRONIC luxury automatic climate control system allows the driver, front passenger and rear passengers each to set the temperature using their own controls. An additional booster blower beneath the centre console ensures the ideal temperature in the rear. What's more, further sensor signals are included in the control system in order to create a pleasant interior climate.

**Rear climate control** (option). In conjunction with THERMOTRONIC, the separate air conditioning system in the rear enhances climate comfort for the rear passengers. This is a welcome addition, especially if the vehicle is equipped with three rows of seats.



The controls for the THERMOTRONIC luxury automatic climate control system are ergonomic and intuitive



The desired temperatures and airflow can be set precisely via the control unit in the rear

## Seats

The exclusively designed seats in the new R-Class meet the most discerning standards and all the requirements regarding impressive levels of comfort on long journeys

**Multicontour Seat package** (option). The multicontour seats offer a high level of comfort on long-distance journeys. The length, height and seat-cushion and backrest angle are all electrically adjustable. Individual air chambers bring more stability and lateral support in the lumbar area, in the backrest side bolsters and in the front section of the seat cushion as more pressure is built up in the chambers in accordance with the current driving situation.



The multicontour seats for the driver and front passenger meet all your individual ergonomic seating needs

**Memory package** (option). The front seats are available with full electrical adjustment as an optional extra (including 4-way lumbar support for the front passenger seat). The switches for this are clearly arranged in the seat console. If the Memory package is ordered, three position settings can be stored for the driver's seat, steering column and mirrors.



Memorised settings can be restored quickly and accurately at the mere touch of a button

**Rear centre console** (option). A removable rear centre console with two cup holders and numerous stowage facilities is available for the 4+2-seater. When closed the lid serves as an armrest housing a compartment with seven litres of stowage space.



The rear of the 4+2-seater R-Class with the optional rear centre console in the second seat row

## Long-wheelbase version

An extra measure of greatness. 235 millimetres, to be precise



Vehicle of unlimited possibilities: the long-wheelbase version stretches over 5.16 metres



It's hard to beat the R-Class when it comes to spaciousness and comfort. Unless, that is, you decide to go for the long-wheelbase version of the R-Class. As the driver you'll barely notice the difference of 235 millimetres – but your passengers certainly will. If six or seven people are on board, those in the third row in particular will be more comfortable. And it goes without saying that the boot also increases proportionately – by 414 litres of load capacity.

When only the 1<sup>st</sup> and 2<sup>nd</sup> seat rows are in use, the load capacity is 1118 l for the 5-seater (1067 l in the 4+2-seater and 5+2-seater). In the 4+2-seater and 5+2-seater the seats in the 2<sup>nd</sup> row can be moved to create a distance of up to 990 mm to the front seat row – a degree of spaciousness and comfort comparable to that found in luxury saloons. The telling difference in the R-Class?

In 2-seater configuration, the long-wheelbase version can offer a maximum load capacity of up to 2436 l (2385 l in the 4+2- and 5+2-seaters, whilst the maximum loading length grows to

2.19 m. So now there's no stopping you whenever you feel like a spur-of-the-moment trip to the coast with your surfboard.



More legroom and headroom in the rear

## Standard equipment | Selection



Instrument cluster in 3D look, with white scaling



Stowage compartment in the front armrest



Front door sill panels in stainless steel



Stowage space beneath load compartment floor (for 5-seater)



Daytime driving lights and front fog lamps ringed in chrome



Tail light featuring LED and fibre-optic cable technology

## Optional extras | Selection



Media Interface socket in glove compartment



NECK-PRO luxury head restraints (for 1<sup>st</sup> and 2<sup>nd</sup> seat row)



EASY-PACK tailgate



EASY-ENTRY function (for 4+2- and 5+2-seater)



Roller sunblind, rear side window (for 2<sup>nd</sup> seat row)



Panoramic sliding sunroof

## Chrome package

### Polish your look – with the Chrome package

You can further enhance and differentiate your new R-Class with the Chrome package: the door frames and the shoulderline trim strips are appliquéd in high-shine aluminium. The door han-

dles and rub strips are painted in the vehicle colour and feature chrome highlights (chrome highlights for door handles in conjunction with KEYLESS-GO). The new simulated underguard

at the front end sports a chrome look. The Chrome package is included as standard with the R 500 4MATIC<sup>1</sup>.



Dynamic sight: the simulated underguard with its chrome look

<sup>1</sup> Only available as R-Class long-wheelbase version



Elegant: door handles in vehicle colour with chrome highlights



Small details make a big impression: a variety of chrome contrasts, underlining the striking lines of the new R-Class

## Sports package

The Exterior Sports package emphasises the R-Class's muscular lines; the Interior Sports package adds an athletic touch to the passenger compartment



The masculine front and the wide radiator grille take the road by storm. And the rest is pretty powerful and distinctive, too: the Exterior Sports package

**Exterior Sports package.** The defining features of the new R-Class with the Exterior Sports package are the 5-twin-spoke light-alloy wheels with 265/45 R 20 tyres all round and air suspension at the rear axle, plus the blue tinted windows. And all the components of the Chrome package are automatically included.

**Interior Sports package.** Opt for elegant sportiness in the passenger compartment, too. The package comprises electrically adjustable front sports seats with an Alcantara®/ARTICO man-made leather upholstery combination featuring contrasting topstitching, a sports steering wheel and the Interior Light package. Aluminium trim

and sports pedals in brushed stainless steel with rubber studs also shape the dynamic character.



The sports seats in Alcantara®/ARTICO man-made leather



Palpably more dynamic: Interior Sports package

## AMG Interior Sports package

We proudly present: the most elegant fitness room in the world



Dynamism at your fingertips: AMG sports steering wheel with steering-wheel gearshift paddles



**AMG Interior Sports package.** Exclusive sportiness for the new R-Class is yours to enjoy courtesy of the Interior Sports package from Mercedes-AMG. A fabulous feeling of dynamism is imparted, for instance, by the electrically adjustable AMG sports seats with a multicontour function for the driver and front passenger, and also by the AMG sports steering wheel with steering-wheel gear-shift paddles for changing gear manually. The seats, armrests and handles in the doors as well as the armrest between the front seats are covered in nappa leather. The athletic look is enhanced by trim in aluminium and sports pedals in brushed stainless steel with rubber studs. Additional exclusive features include the Interior Light package and AMG floor mats.



AMG sports seats in nappa leather with a multicontour function

## Upholstery and trim



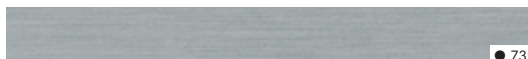


With the black colour scheme, R-Class owners can choose between seat covers in ARTICO man-made leather/Aspen fabric (standard) and seat upholstery in ARTICO man-made leather (optional, standard in the R 500 4MATIC) or leather (optional). The interior, meanwhile, (dashboard, centre console, door centre panels and carpet) is all in black. If the Interior Sports package is selected as an option, the seat upholstery comes as a combination of Alcantara®/ARTICO man-made leather with topstitching in a contrasting colour. In conjunction with the optional AMG Sports package, not only are the seats covered in black AMG nappa leather – the door centre panels, handles and armrests in the doors are, too.



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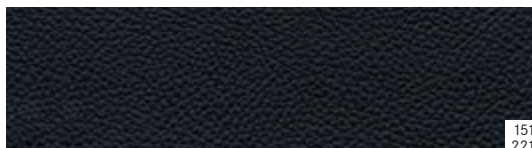
151



● 739



● 734



151

221

221



● 731



● 729

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**BLACK**


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001 ARTICO man-made leather/Aspen fabric

151 ARTICO man-made leather<sup>1</sup>221 Leather<sup>2</sup>


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**TRIM**


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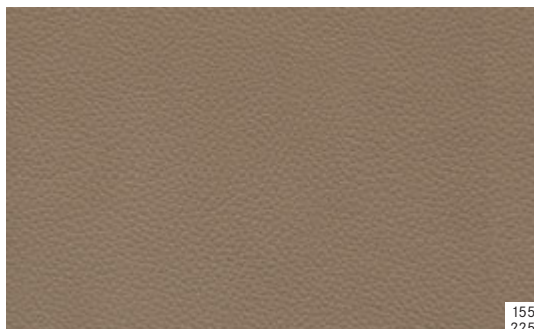
739 Dark longitudinal-grain aluminium

734 High-gloss brown eucalyptus wood<sup>1</sup>731 High-gloss brown walnut wood with chrome panels<sup>2</sup>729 High-sheen anthracite poplar wood with chrome panels<sup>2</sup>

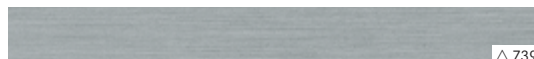
<sup>1</sup> Optional extra, standard for V8   <sup>2</sup> Optional extra  
 ● recommended   ○ possible   △ not recommended



Upholstery in ARTICO man-made leather (optional, standard for R 500 4MATIC) or leather (optional) is available for the almond beige colour scheme. In addition to the seats, the dashboard, centre console, carpet, door centre panels and door edges are also in almond beige. The upper section of the dashboard, the multifunction steering wheel and the armrests in the doors provide a dark contrast.



155  
225



△ 739



● 734



● 731



○ 729

#### ALMOND BEIGE

- 155 ARTICO man-made leather<sup>1</sup>
- 225 Leather<sup>2</sup>

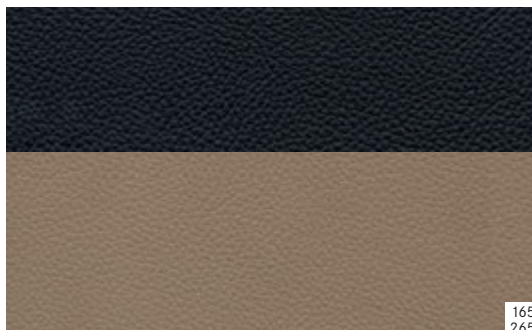
#### TRIM

- 739 Dark longitudinal-grain aluminium
- 734 High-gloss brown eucalyptus wood<sup>1</sup>
- 731 High-gloss brown walnut wood with chrome panels<sup>2</sup>
- 729 High-sheen anthracite poplar wood with chrome panels<sup>2</sup>

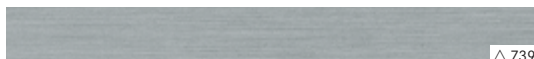
<sup>1</sup> Optional extra, standard for V8 <sup>2</sup> Optional extra  
● recommended ○ possible △ not recommended



The optional black/almond beige colour scheme comes complete with seat upholstery, door edges and the centre section of the dashboard in almond beige. The multifunction steering wheel, centre console, armrests in the doors and between the front seats plus the carpet are in contrasting black. The black/almond beige colour scheme is optionally available in ARTICO man-made leather or leather.



165  
265



△ 739



● 734



○ 731



● 729

#### BLACK/ALMOND BEIGE

165 ARTICO man-made leather<sup>1</sup>

265 Leather<sup>2</sup>

#### TRIM

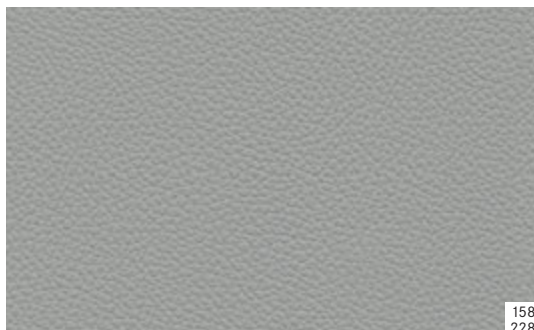
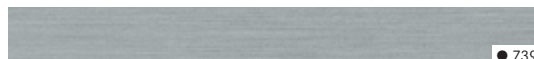
739 Dark longitudinal-grain aluminium

734 High-gloss brown eucalyptus wood<sup>1</sup>

731 High-gloss brown walnut wood with chrome panels<sup>2</sup>

729 High-sheen anthracite poplar wood with chrome panels<sup>2</sup>

<sup>1</sup> Optional extra, standard for V8 <sup>2</sup> Optional extra  
● recommended ○ possible △ not recommended

158  
228

● 739



△ 734



△ 731



● 729

Upholstery in ARTICO man-made leather (optional, standard for R 500 4MATIC) or leather (optional) is available for the alpaca grey colour scheme. The seats plus the dashboard, centre console, door centre panels and door edges are all in alpaca grey. The top section of the dashboard, the multifunction steering wheel, the armrests in the doors and the carpet add dark contrasts. In conjunction with the Interior Sports package available as an optional extra, the seat upholstery comes in a combination of Alcantara® /ARTICO man-made leather featuring topstitching in a contrasting colour.

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#### ALPACA GREY

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158 ARTICO man-made leather<sup>1</sup>228 Leather<sup>2</sup>


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#### TRIM

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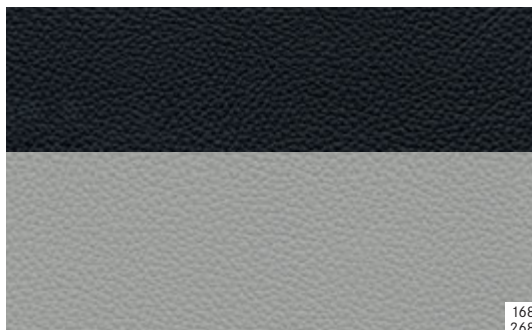
739 Dark longitudinal-grain aluminium

734 High-gloss brown eucalyptus wood<sup>1</sup>731 High-gloss brown walnut wood with chrome panels<sup>2</sup>729 High-sheen anthracite poplar wood with chrome panels<sup>2</sup>

<sup>1</sup> Optional extra, standard for V8    <sup>2</sup> Optional extra  
 ● recommended    ○ possible    △ not recommended



With the optional black/alpaca grey colour scheme, the seat upholstery, door edges and the centre section of the dashboard are all in alpaca grey. The multifunction steering wheel, the upper and lower sections of the dashboard, the door centre panels, armrests in the doors and between the front seats plus the carpet are in contrasting black. The black/alpaca grey colour scheme is available as an option in ARTICO man-made leather or leather.



168  
268



● 739



△ 734



△ 731



● 729

#### BLACK/ALPACA GREY

168 ARTICO man-made leather<sup>1</sup>

268 Leather<sup>2</sup>

#### TRIM

739 Dark longitudinal-grain aluminium

734 High-gloss brown eucalyptus wood<sup>1</sup>

731 High-gloss brown walnut wood with chrome panels<sup>2</sup>

729 High-sheen anthracite poplar wood with chrome panels<sup>2</sup>

<sup>1</sup> Optional extra, standard for V8 <sup>2</sup> Optional extra  
● recommended ○ possible △ not recommended

## Wheels



10-spoke light-alloy wheel with 235/65 R 17 tyres (standard for R 300 CDI BlueEFFICIENCY, R 350 BlueTEC 4MATIC, Code 25R)



10-spoke light-alloy wheel with 255/50 R 19 tyres (optional, standard for R 500 4MATIC, Code R26)



10-spoke light-alloy wheel with 255/55 R 18 tyres (standard for R 350 CDI 4MATIC, R 300, R 350 4MATIC, no-cost option for R 300 CDI BlueEFFICIENCY, R 350 BlueTEC 4MATIC, Code R41)



5-spoke light-alloy wheel with 255/50 R 19 tyres (optional, Code R39)





5-twin-spoke light-alloy wheel with 265/45 R 20 tyres  
(Exterior Sports package, Code R33)



5-spoke AMG light-alloy wheel with 265/40 R 21 tyres  
(optional, Code 777)



5-spoke incenio "Situla" light-alloy wheel<sup>1</sup> for 255/50 R 19 tyres  
(genuine accessory)



5-spoke AMG light-alloy wheel with 265/45 R 20 tyres  
(optional, Code 758)



5-spoke incenio "Sadalmelik" light-alloy wheel<sup>1</sup> for 255/50 R 19  
tyres (genuine accessory)



5-twin-spoke incenio "Alanz" light-alloy wheel<sup>1</sup> for 265/45 R 20 tyres  
(genuine accessory)

<sup>1</sup> incenio light-alloy wheels are delivered without tyres

## Genuine accessories

Practical, versatile, generous – there's not much the R-Class can't do. And there are always the genuine accessories from Mercedes-Benz



The elegant, versatile roof box is available in a choice of two sizes

The New Alustyle basic carrier bars form the versatile basis for all Mercedes-Benz transportation and leisure solutions. They can be combined with a wide range of different roof attachments, such as roof boxes, ski and snowboard racks or bicycle racks. Made of aluminium, the aerodynamic basic carrier bars are very light, perfectly tailored to the body of the R-Class and easy to mount. You might like to pair them up with the elegant, high-quality 450 roof box, which has a capacity of 450 litres. The ideal transportation solution for all seasons, whether you want to take skis, snowboards, diving equipment, camping gear or luggage with you. The 450 roof box can be opened on both sides and is available in two colours: black metallic or silver metallic.

The roof spoiler serves as an elegant visual extension of the roof line, making your R-Class appear even more compact and powerful from behind, yet without restricting the driver's field of vision. The roof spoiler can be painted in every colour shade available for the R-Class and is easy to fit.

The high-gloss chromed door handle recesses add a gleaming touch to your R-Class's chrome finish. They are of high practical value, guarding the paint in the handle recesses against scratches. The custom-fit inserts are available both just for the front doors and as a set of four. The KidFix child seat is the ideal place for children aged from about 3.5 to 12 (15 to 36 kg) to enjoy the

ride, offering as much protection as possible for your younger passengers. The seat booster and the height-adjustable backrest ensure optimum side impact protection. In addition to the 3-point seat belt, the KidFix is directly mounted to the car's body with ISOFIX child seat attachment points in the second seat row.



Roof spoiler



High-gloss chromed door handle recesses



KidFix child seat with automatic child seat recognition and ISOFIX anchorage points

## Services

**Mercedes-Benz Museum.** 125 years of automotive history in one place – this is what awaits you at the Mercedes-Benz Museum in Stuttgart. Experience the unique excitement, and embark upon a thrilling journey through time. Housed inside an architecturally impressive building, over 1500 exhibits on nine levels give you an insight into the unique tradition and powers of innovation of the Mercedes-Benz brand. See the world's first two automobiles in the shape of the Benz Patent-Motorwagen (motor car) and the Daimler motorised carriage – both from the year 1886. Two linked circuits take you from the beginnings of the automobile, past a series of unforgettable classics, through more than 100 years of motor racing history and, finally, on to a glimpse of what the future holds – in an area covering a total of 16,500 square metres. Enjoy the unique brand experience. We look forward to your visit. Further details can be found at [www.mercedes-benz-classic.com/museum](http://www.mercedes-benz-classic.com/museum)

**MercedesCard.** The card is your ticket to the Mercedes-Benz experience: four times a year, we will send you exciting details of a selected range of events and services, which we have put together exclusively for you. Then there is the Mercedes Magazine with its fascinating reports and articles. But the MercedesCard also has many other uses: as a VISA credit card, it is an internationally accepted means of payment. Plus it offers further benefits to provide you with peace of mind, such as insurance packages. You can also gain free entry to the Mercedes-Benz Museum simply by showing your VISA MercedesCard. Further details can be found at [www.mercedes-benz.de/mercedescard](http://www.mercedes-benz.de/mercedescard)<sup>1</sup>

**Mercedes-Benz Financial Services.** Mercedes-Benz stands for quality, innovation and safety – and the same applies to Mercedes-Benz Financial Services. Our innovative leasing and financing products are tailored to your financial needs and means, making it easy for you to secure the keys to your dream car. Once you are on the road, our insurance products offer you just the right level of protection on every trip. Finally, our service products ensure that your car is always in tip-top condition whilst keeping costs transparent and easily manageable. For a detailed quotation, please contact your Mercedes-Benz dealer, who will be glad to go through the latest financial offers and terms together with you.

**Mercedes-Benz mobility.** Your new car comes with the assurance of carefree driving, but if you should ever need help Mercedes-Benz Service24h is there for you. Just call the free-phone service hotline on 00800 1 777 7777<sup>2</sup>. The newly integrated telematics service Mercedes-Benz Contact<sup>3</sup> is even more customer-friendly: a touch of a button is all it takes to contact the Mercedes-Benz customer centre. If you wish, the relevant vehicle and position-related data can be transmitted at the same time, ensuring the shortest possible reaction time and rapid assistance. Also standard with your new car at no extra charge is the Mercedes-Benz Mobilo<sup>4</sup> mobility package. Whether you have lost your key, have had a breakdown which cannot be repaired immediately or if the vehicle is damaged due to an accident or vandalism, Mobilo ensures that you still reach your destination – anywhere in Europe. Whatever your problem, one thing is certain: you will soon be able to resume your journey.

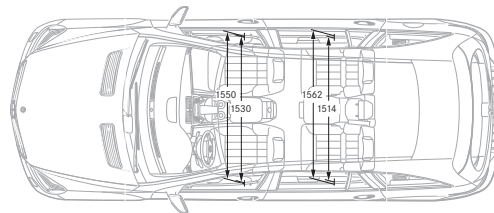
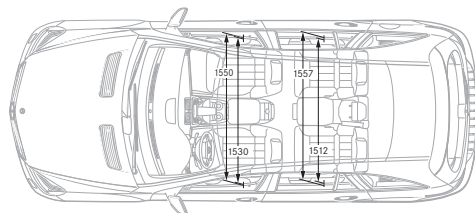
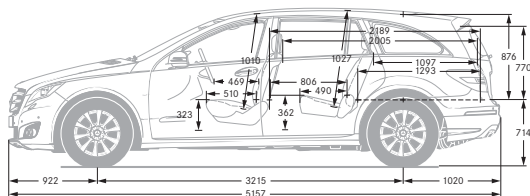
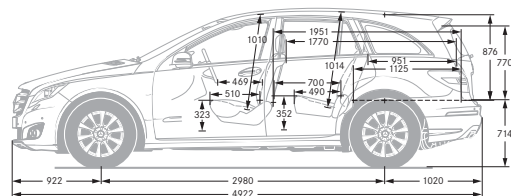
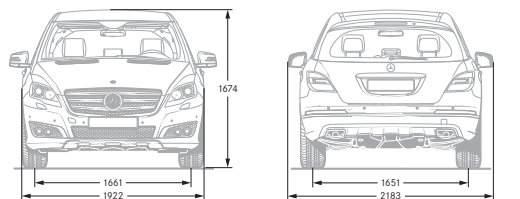
**Service packages.** Vehicle-specific services allow you to put together an individual package for your Mercedes, including long-term protection against unforeseeable repair costs and high-quality servicing with genuine Mercedes-Benz parts. You can also count on the extensive network of Mercedes-Benz workshops, where you will receive the usual high standard of service for your Mercedes at a predictable, fixed price. Please ask your Mercedes-Benz dealer for further details.

**Test drive.** The unique feeling of driving a Mercedes cannot be put into words. Which is why we'd like to invite you to take a test drive. Simply visit [www.mercedes-benz.com](http://www.mercedes-benz.com) to locate the nearest Mercedes-Benz dealer in your country or region. We look forward to seeing you.

**Interactive Owner's Manual.** The website also offers an interactive tour, enabling you to take a closer look at your desired model. These informative clips are the ideal way to acquaint yourself with your dream car. You can view key functions in detail, gain an insight into the car's inner workings or look at the benefits of each model. For further details, go to:  
[www.mercedes-benz.de/owners\\_manual](http://www.mercedes-benz.de/owners_manual)

**Mobile internet.** Now you can access the entire world of Mercedes-Benz from your mobile phone. As well as an overview of all the passenger car models, there are insights into the entire brand world along with a wealth of entertainment offers and direct links to our range of services at [www.mercedes.mobi](http://www.mercedes.mobi)

## Dimensions



The R-Class

Long-wheelbase version of the R-Class

All measurements in millimetres. The dimensions shown are mean values and apply to standard-specification, unladen vehicles

## Paintwork

### NON-METALLIC PAINTS (standard)

- 040 black
- 650 calcite white

### METALLIC PAINTS (optional)

- 112 chromite black
- 197 obsidian black
- 359 tanzanite blue
- 755 tenorite grey
- 775 iridium silver
- 792 palladium silver
- 799 diamond white BRIGHT

### SPECIAL PAINT (optional)

- 349 lazurite blue

## Technical data

No. of cylinders/arrangement
Total displacement (cc)
Rated output <sup>1</sup> (kW at rpm)
Rated torque <sup>1</sup> (Nm at rpm)
Compression
Accel. from 0–100 km/h (s) (long wheelbase)
Top speed approx. (km/h) (long-wheelbase version)
Tyre size, front
Tyre size, rear
Fuel
Fuel consumption <sup>2</sup> (l/100 km)
Urban (long-wheelbase version)
Extra-urban (long-wheelbase version)
Combined (long-wheelbase version)
CO <sub>2</sub> emissions <sup>2</sup> (g/km) combined (long-wheelbase version)
Emissions class (long-wheelbase version)
Tank capacity (l)/incl. approx. reserve
Boot capacity (l) (long-wheelbase version)
Turning circle diameter (m) (long-wheelbase version)
Kerb weight <sup>3</sup> (kg) (long-wheelbase version)
Perm. GVW (kg) (long-wheelbase version)

### DIESEL ENGINES

R 300 CDI BlueEFFICIENCY	R 350 CDI 4MATIC	R 350 BlueTEC 4MATIC
6/V	6/V	6/V
2987	2987	2987
140/3800	195/3800	155/3400
440/1400–2800	620/1600–2400	540/1600–2400
15.5	15.5	16.5
9.5 (-)	7.6 (7.7)	- (8.9)
215 (-)	235 (235)	- (220)
235/65 R 17	255/55 R 18	235/65 R 17
235/65 R 17	255/55 R 18	235/65 R 17
Diesel	Diesel	Diesel
9.6–9.9 (-)	11.0 (11.0)	- (11.0)
6.4–6.7 (-)	7.0 (7.0)	- (6.9–7.0)
7.6–7.8 (-)	8.5 (8.5)	- (8.4–8.5)
199–206 (-)	223 (223)	- (222–223)
Euro 5 (-)	Euro 5 (Euro 5)	- (Euro 6)
80/13.0	80/13.0	80/13.0
550–1950 (-)	550–1950 (633–2385)	- (633–2385)
11.8 (-)	11.8 (12.6)	- (12.6)
2185 (-)	2250 (2295)	- (2335)
2840 (-)	2880 (2910)	- (2910)

<sup>1</sup> Figures in accordance with Directive 80/1269/EEC in the currently applicable version <sup>2</sup> The figures shown were obtained in accordance with the prescribed measuring process (Directive 80/1268/EEC in the currently applicable version).  
The figures are not based on an individual model and do not constitute part of the product offer; they are provided solely for purposes of comparison between different vehicle models

## PETROL ENGINES

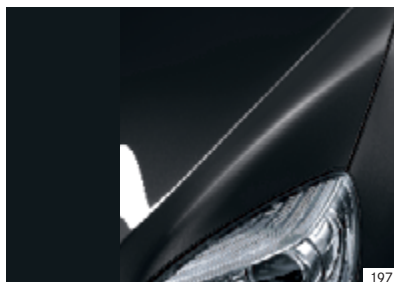
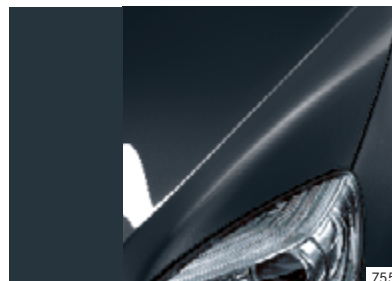
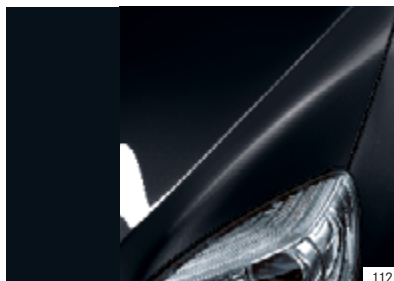
R 300	R 350 4MATIC	R 500 4MATIC
6/V	6/V	8/V
2996	3498	5461
170/6000	200/6000	285/6000
300/2500-5000	350/2400-5000	530/2800-4800
11.3	10.7	10.7
9.6 (9.7)	8.3 (8.4)	- (6.3)
222 (222)	230 (230)	- (250 <sup>4</sup> )
255/55 R 18	255/55 R 18	255/50 R 19
255/55 R 18	255/55 R 18	255/50 R 19
Premium petrol	Premium petrol	Premium petrol
14.0-14.0 (14.1-14.1)	15.8-16.1 (15.9-16.1)	- (18.6-18.8)
8.5-8.8 (8.6-8.9)	9.2-9.5 (9.3-9.5)	- (10.0-10.2)
10.5-10.7 (10.6-10.8)	11.6-11.9 (11.7-11.9)	- (13.2-13.4)
246-251 (248-253)	271-279 (274-279)	- (306-311)
Euro 5 (Euro 5)	Euro 5 (Euro 5)	- (Euro 5)
80/13.0	80/13.0	80/13.0
550-1950 (633-2385)	550-1950 (633-2385)	- (633-2385)
11.8 (12.6)	11.8 (12.6)	- (12.6)
2130 (2175)	2180 (2230)	- (2265)
2790 (2840)	2840 (2880)	- (2920)

<sup>3</sup> Figures according to Directive 92/21/EC, version 95/48/EC (kerb weight with fuel tank 90% full, driver, 68 kg, and luggage, 7 kg) for standard-specification vehicles. Optional extras and accessories will generally increase this figure and reduce the payload capacity accordingly <sup>4</sup> Electronically governed For more tech. data, see [www.mercedes-benz.com](http://www.mercedes-benz.com)



NON-METALLIC PAINTS

METALLIC PAINTS



SPECIAL PAINT FINISH



**Take-back of end-of-life vehicles.** Coming full circle. At the end of its long life, you can return your R-Class to us for environment-friendly disposal in accordance with the EC End-Of-Life Vehicle Directive<sup>1</sup>. But that day lies a long way off.

<sup>1</sup> Applies in accordance with national regulations to vehicles up to 3.5 tonnes gross weight. Mercedes-Benz passenger cars have met the statutory regulations governing the suitability of their design for reuse and recycling for a number of years now. A network of vehicle take-back depots and dismantlers has been established which will process your vehicle in an environment-friendly manner. The ways in which both vehicles and parts can be recovered are subject to ongoing development and improvement. Consequently, the R-Class will be able to comply with any future increases in the recycling quota within the stipulated time limits. For further information please refer to [www.mercedes-benz.com](http://www.mercedes-benz.com)

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