



The new ML 63 AMG

The new ML 63 AMG can take you to places
sports cars generally cannot reach.

Although there are plenty of good reasons for staying on the road.



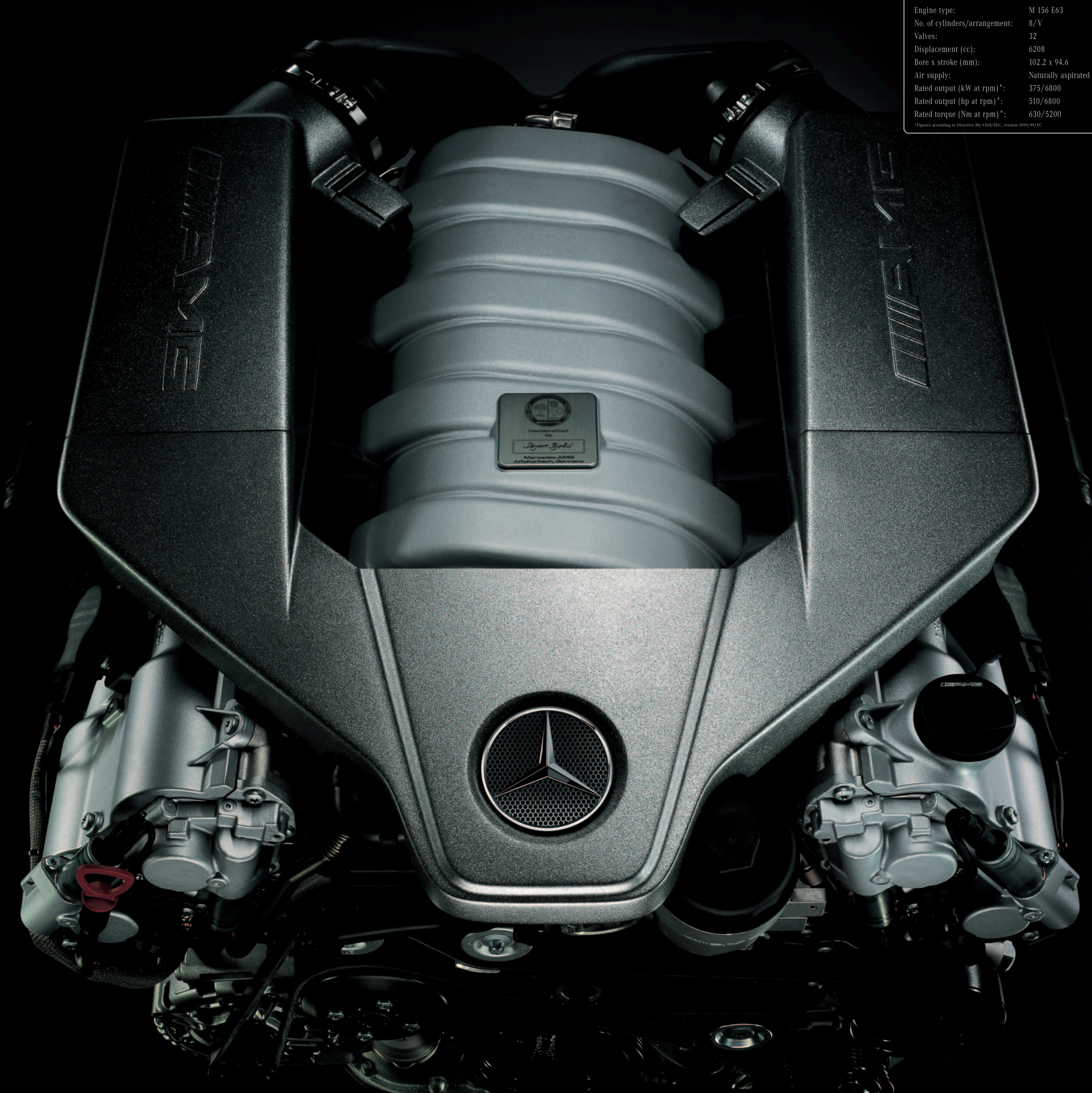
630 Newton metres of torque and an output of 375 kW (510 hp)
unleashed by the new AMG 6.3-litre V8 engine



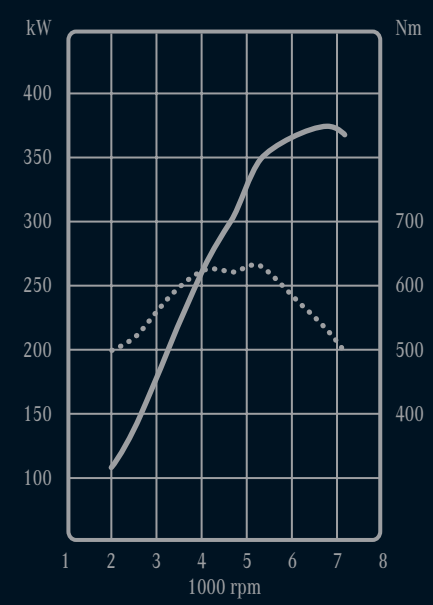
7 gears, three driving modes and exceptionally short shift times provided by the AMG SPEEDSHIFT 7G-TRONIC transmission, to ensure maximum driving dynamism. Emphasised visually by AMG bodystyling, consisting of front and rear aprons, flared wheel arches, an AMG radiator grille and running boards



19-inch high-sheen AMG light-alloy wheels with 295/45 tyres, an AMG high-performance braking system with 2-piston sliding callipers and 390-mm internally ventilated and perforated front brake discs



AMG	
Engine type:	M 156 E63
No. of cylinders/arrangement:	8/V
Valves:	32
Displacement (cc):	6208
Bore x stroke (mm):	102.2 x 94.6
Air supply:	Naturally aspirated engine
Rated output (kW at rpm)*:	375/6800
Rated output (hp at rpm)*:	510/6800
Rated torque (Nm at rpm)*:	630/5200
*Figures according to Directive 80/1269/EEC, version 1999/99/EC	



If nothing is good enough, you have to come up with something new

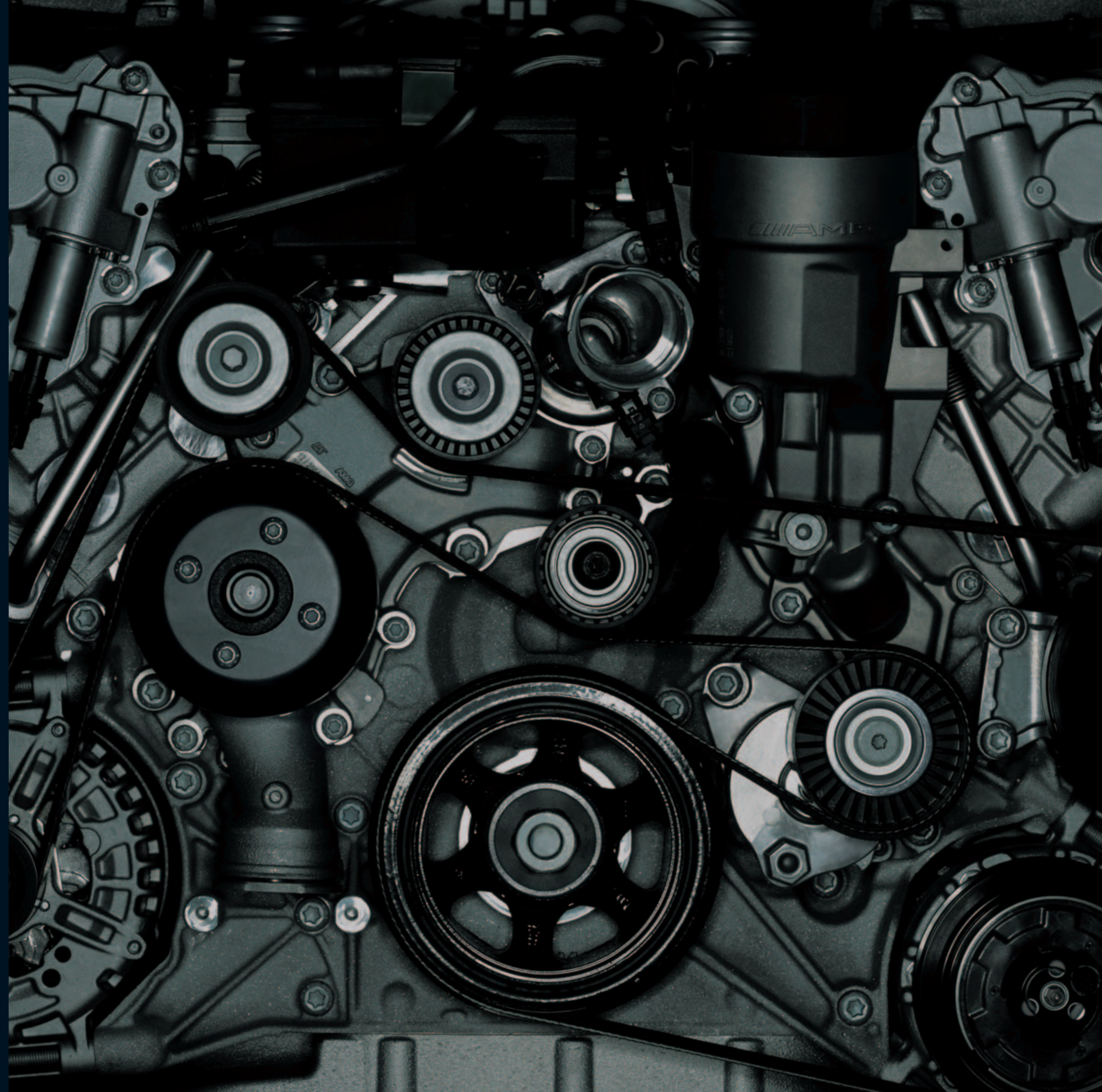
The engineers at Mercedes-AMG and the racing drivers at the sharp end of the brand's motorsport department share a passion for exceptionally dynamic and agile cars – as the AMG V8 engine clearly demonstrates. A combination of this hallmark Mercedes-AMG enthusiasm and top-flight engineering effort allowed the Affalterbach experts to fulfil their brief of developing a new powerplant generating maximum output and torque.

It was therefore only logical for the AMG V8 engine to be developed from start to finish in Affalterbach and subsequently assembled and inspected in the manufacturing facility there, according to the principle of “one man – one engine”.

Right from the development phase our strengths – the potential provided by our engine design and other expertise gained in motorsport – were applied in full to this engine. Firstly, this meant employing our new, dynamic high-tech test rigs, which can simulate every conceivable type of road and environmental conditions for engines with outputs that go up to 900 hp and more. And secondly, it meant using some ultra-sophisticated special tools – the hands of experienced engineers. Only with this synthesis of know-how and technology is it possible to design and manufacture a naturally-aspirated engine boasting this level of performance.

Providing the combustion chambers with optimum airflow necessitates components with large cross sections and the optimisation of all the parts which affect air supply to the cylinders. This includes making the angle of the intake ducts, for example, exceptionally steep and using bucket tappets to take care of valve control. This is technology lifted straight from racing cars, as is the closed under-section of the crankcase, which allows a stiffer base and reduced pulsation losses – especially at higher engine speeds. A magnesium dual-length intake pipe with two internal throttle valves ensures optimised air inflow. This is patented technology which you will only find in an AMG vehicle. The sophistication of the engine's construction helps to explain its impressively dynamic edge and incredible responsiveness.

For a driving experience which is good enough for us, you have to come up with something new.





250 km/h is the electronically governed top speed for the ML 63 AMG, all transferred reliably to the road by the AIRMATIC-based AMG sports suspension. AMG suspension struts work with a specially tuned version of the Adaptive Damping System (ADS) to ensure impressively low roll and optimum steering characteristics. The AMG sports exhaust – with a pair of chromed twin tailpipes – provides the bark to go with the bite



2 AMG sports seats – and interior trim – in exclusive nappa leather, with Alcantara inserts in the shoulder area and multicontour function, complemented by trim elements in black aluminium and sports pedals



2 gearshift buttons on the AMG ergonomic sports steering wheel and the AMG instrument cluster with specially adapted multifunction display menu – including a racetimer, engine oil temperature gauge and central gear indicator



20 -inch high-sheen AMG light-alloy wheels
with 295/40 tyres available as an option

Technical data	
No./arrangement of cylinders	8/V
Displacement (cc)	6208
Air supply	Naturally aspirated
Rated output kW (hp) ¹⁾ at rpm	375 (510)/6800
Rated torque (Nm) ¹⁾ at rpm	630/5200
Transmission	AMG SPEEDSHIFT 7G-TRONIC
Power distribution front/rear (perm. all-wheel drive)	40:60
Acceleration 0–100 km/h (s)	5.0
0–1000 m (s)	23.0
Top speed	250 km/h (electronically limited)
Fuel consumption ²⁾ (l/100 km ³⁾) urban, extra-urban, combined, CO ₂ emissions (g/km)	Figures not available at the time of going to press
Wheel/tyre size	9.5 J x 19 / 295/45 R 19
Kerb weight ⁴⁾ (kg)	2310

¹⁾ Figures in accordance with Directive 80/1269/EEC in the currently applicable version)

²⁾ 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 vehicle and do not constitute part of the product offer; they are provided solely for purposes of comparison between different models

³⁾ Super Plus unleaded

⁴⁾ 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.



Mercedes-Benz

Take-back of end-of-life vehicles. Coming full circle.

At the end of its long life, you can return your AMG vehicle to us for environment-friendly disposal in accordance with the EU End-Of-Life Vehicle Directive¹. But that day lies a long way off.

¹Applies in accordance with national regulations to vehicles up to 3.5 t permissible gross weight. AMG vehicles have met the statutory regulations governing the suitability of the vehicle's 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, an AMG vehicle will be able to comply with any future increases in the recycling quota within the stipulated time limits. For further information, please call 00800 17777777.

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