



Press kit:

## The new-generation Mercedes-Benz M-Class 4MATIC

**Press Information**

14 October 2008

<b>Contents</b>	<b>Page</b>
<b>The new-generation Mercedes-Benz M-Class</b> Dynamic, powerful, stylish	2
<b>Model facelift changes at a glance</b> New design and technology	8
<b>At a glance:</b> The Mercedes-Benz M-Class 4MATIC range 10	
<b>At a glance:</b> Mercedes-Benz M-Class 4MATIC sales in Australia	10
<b>The new-generation Mercedes-Benz ML 63 AMG</b> The performance SUV strikingly honed to perfection 12	
<b>Technical data</b> 16	



The new-generation Mercedes-Benz M-Class

**Press Information**

14 October 2008

## The new-generation M-Class: dynamic, powerful, stylish

**Melbourne – Mercedes-Benz has meticulously revamped the successful M-Class. The new generation of the dynamic, stylish SUV now has even more distinctive characteristics, and looks even sportier and more powerful.**

**The front end of this off-roader is now defined by a redesigned bumper, recontoured headlamps and a larger, even more dominant radiator.**

**The rear view also sports a new-look bumper with integrated reflector strips, emphasising the vehicle's width, as well as tails lights with a smoked-glass look.**

**Stylistic fine-tuning and new high-grade materials which are pleasing to the eye and touch combine with a new two-tone colour scheme to add fresh highlights to the interior. Inside, the eye is immediately drawn to the new four-spoke multifunction steering wheel. The M-Class standard specification has also been significantly upgraded. It now includes an all-new, high-performance telematics system developed by Mercedes-Benz, which is much easier to use thanks to a host of new functions. The Mercedes-Benz ML 63 AMG is also now more distinctive and striking, courtesy of new front and rear aprons with a chromed underguard, and a larger AMG radiator grille.**

The Mercedes-Benz M-Class is the trendsetter among today's SUVs. Its exceptional status is down to its characteristic dynamic, stylish design, a combination of compelling performance both on and off-road, the ride comfort and ease of operation of a saloon, along with great customer value.

The M-Class also comes with a range of safety features that are unsurpassed in the SUV segment.

Page 3

Buyers have also come to appreciate these outstanding qualities. Since the second-generation M-Class (model code W 164) was launched in April 2005, some 300,000 units have been delivered to customers around the world. As such, this state-of-the-art off-roader remains one of the most successful vehicles in this rapidly growing market segment.

Mercedes-Benz has now substantially upgraded the new-generation M-Class with fresh styling touches, even higher quality and extensively enhanced equipment and appointments. The premium SUV now looks even more powerful and sportier, making a bolder statement in terms of character and presence.

#### **Added character and style for the exterior**

The assured appearance of the M-Class is now marked by its dynamically flowing, yet at the same time crisp lines and a clear, powerful design idiom. Thanks to the new-look front-end as well as the modified rear, the new-generation M-Class looks more muscular yet brings a sense of aesthetic elegance to bear – in short, it has even more style.

The front end is dominated by a new-look, robust bumper as well as headlamps with a pronounced step in the lower edge. This step continues seamlessly down and around the radiator with its distinctive contours. The larger, lower-set radiator is another element brimming with character. Three wide, black louvres with large, rectangular air outlets and a gleaming chrome edge give structure to the radiator, making the new-generation M-Class appear even more dominant.

Fog lamps set well to the outside and a new-look simulated underguard make the off-roader appear wider and even more dynamic.

The rear bumper with integrated reflectors has also been restyled, making the M-Class appear even more poised and assured for anyone following behind. The optional stainless steel underguard conceals the exhaust system with its twin tailpipes and also gives the car a wider stance on the road.

The reversing lights also feature darkened indicator repeater lenses in a smoked-glass look.

New powerful mirrors with their larger surface designed to provide better visibility.

### **Interior with high-grade appointments**

The interior of the new-generation, state-of-the-art off-roader has been stylishly upgraded with high-quality materials. The door centre panel is now trimmed in ARTICO man-made leather. Two-tone leather appointments are also available as an option to give a hand-made impression.

In the enhanced interior the eye is also drawn to the new, four-spoke leather multifunction steering wheel with its chrome trim, improved ease of operation and standard-fit shift paddles. The seats have a more attractive, sportier design. The driver's seat comes fitted with four-way lumbar support as standard equipment, which can also be fitted to the front passenger seat via the optional (in the ML 280 CDI) Luxury Pack (which is standard fitment in the ML 320 CDI and ML 350).

The new-generation M-Class features a brand new telematics generation developed by Mercedes-Benz, offering a new dimension in user-friendliness, high performance and a host of useful new functions. Integrated features include a hands-free system based on Bluetooth technology, and a new media interface, which can connect an external music device such as an iPod.

On request there is also a new Media Interface, which can connect an external music device with the off-roader's onboard electronics and control system, enabling music tracks to be shown in the instrument cluster and the colour display in the centre console, and conveniently accessed using the buttons on the multifunction steering wheel. At the same time, the audio device's battery is also charged.

There is a choice of three units, all of them with a colour display, a twin tuner for improved radio reception, speed-sensitive volume control, a keypad for entering telephone numbers and radio frequencies and a Bluetooth interface which enables a mobile phone to be wirelessly linked to the hands-free system.

Along with the new telematics generation, Mercedes-Benz also is now also offering enhanced LINGUATRONIC voice-operated control system in conjunction with the COMAND (Cockpit Management and Data) information and entertainment system (standard in all M-Class models, optional in the ML 280 CDI).

The occupants are also able to enjoy a surround-sound experience of impressive quality with the latest generation of the optional Harman Kardon® Logic7® sound system, which delivers exceptionally crystal-clear listening pleasure thanks to its output of 610 watts and digital signal processor (DSP).

This concert-hall sound experience is standard fitment to both V8-powered M-Class models (the ML 500 and the high-performance ML 63 AMG), and is optional equipment on the rest of the M-Class range.

Rear-seat passengers also have the option of a new entertainment system with two large 8-inch screens, a centrally integrated DVD player, two sets of wireless headphones for greater freedom of movement as well as two remote controls.

## **Unrivalled safety features as standard**

Page 6

The Mercedes-Benz M-Class has always set the benchmark in terms of safety in the SUV segment.

The following safety equipment is fitted as standard in the new-generation Mercedes-Benz M-Class:

- Anti-lock braking system (ABS)
- Airbags: two-stage front airbags for driver and front passenger, sidebags in the front and rear plus windowbags
- Brake Assist System (BAS)
- Brake pad wear indicator
- Downhill Speed Regulation (DSR)
- Electronic Stability Programme (ESP®)
- Electronic Traction Support (4ETS)
- NECK-PRO active head restraints for the front seats
- PARKTRONIC parking assistance system
- PRE-SAFE accident anticipatory occupant protection system
- Rain sensor for windscreen wipers with two-stage sensitivity

The new-generation M-Class passed European NCAP (New Car Assessment Programme) crash tests with flying colours this year and was awarded the top mark of five stars for its very high level of occupant protection. This Mercedes off-roader has also achieved outstanding results in tests carried out by US rating organisations.

The latest Euro NCAP test results are confirmation that the safety concept of the M-Class, which is geared to real-life accident scenarios, also performs well in standardised rating crash tests. The impressive list of standard-fitment safety equipment helps to ensure occupants have an excellent standard of protection in the event of an accident.

The M-Class is the first vehicle in its market segment anywhere in the world to be fitted as standard with the anticipatory occupant protection system PRE-SAFE®. The system makes use of the valuable seconds which elapse between a critical accident situation being identified and a possible impact ensuing to instigate protective measures. This makes it possible to reduce the forces acting on the occupants in an impact by up to 40 per cent.

The M-Class has garnered top marks in other rating tests too: it was awarded five stars in both the US NCAP and the US SINCAP tests performed by the US National Highway Traffic Safety Administration, and received the coveted “Top Safety Pick” designation from the US Insurance Institute for Highway Safety.

### **Impressive levels of fuel consumption**

The M-Class is powered by powerful yet economical V6 and V8 petrol or diesel engines, which are very fuel-efficient. The 4MATIC permanent all-wheel drive delivers outstanding performance both on and off-road. And the standard-fit 7G-TRONIC automatic transmission with optimised shift characteristics translates the power from the engines into refined dynamism.

Five power units are available to choose from in the new-generation M-Class ranging from 140 to 375 kW. The engineers’ meticulous attention to detail has produced fuel consumption figures ranging from 9.6- to 12.9-litres per 100km travelled.

The most powerful engine developing 375 kW is available in the guise of the ML 63 AMG 4MATIC.

The new-generation Mercedes-Benz M-Class luxury SUV range is now available from all authorised Mercedes-Benz passenger car dealerships.



At a glance:

## New design and technology

### Exterior design

- All-new front-end design with prominent horizontal lines
- New radiator grille with three black louvres and chrome highlights (available in sterling silver look with chrome highlights as an option in the exterior sports package)
- New-look projection-beam headlamps
- New exterior mirrors with larger mirror surfaces
- New rear bumper
- Tail lights with darkened lenses (LED tail lights with clear-glass look as an option)
- Twin exhaust system with oval tailpipes (rectangular chromed tailpipes in the exterior sports package as an option, standard for V8)
- Chrome trim strip in the rub strips (optional in the exterior sports package, standard for V8)
- Waistline trim strip in chrome (optional in the exterior sports package, standard for V8)
- Load sill guard on the rear bumper in chrome (optional in the exterior sports package, standard for V8)
- Exterior sports package with new, enhanced features such as aluminium-look roof rails

### Interior design

- Leather-trimmed dashboard in nappa leather or ARTICO man-made leather
- Door linings in ARTICO man-made leather
- New two-tone leather appointments
- Leather multifunction steering wheel in four-spoke design with shift paddles
- Seats with new design



- Two types of wood trim: burr walnut, poplar with bird's-eye look or poplar in anthracite, with stowage compartment in dashboard console as standard
- Luggage cover in standard specification

### **Comfort**

- 4-way electrically adjustable lumbar support for driver and front passenger seats (optional for passenger seat in ML 280 CDI)

### **Infotainment**

- COMAND APS system with large colour display and new additional functions
- COMAND APS including hard-disc navigation, Music Register and voice-operated control
- Universal media interface for connecting an iPod and other audio devices
- LINGUATRONIC voice-operated control system with whole-word recognition capability (excludes navigation system)
- Surround sound system with twelve speakers and an output of 610 watts
- Rear-seat entertainment system with larger screens and wireless headphones

### **Chassis**

- New 17, 18, 19 and 20-inch light-alloy wheels
- 20-inch 5 twin-spoke light-alloy wheels standard for V8



At a glance:

**The Mercedes-Benz M-Class 4MATIC range**

Model	Engine	Power	Torque	Transmission	Fuel Cons.*	Price**
<b>ML 280 CDI</b>	3.0l, V6, turbo-diesel	140kW	440Nm	7-speed Auto, AWD, 4ETS	9.6l/100km	\$81,000
<b>ML 350</b>	3.5l, V6, petrol	200kW	350Nm	7-speed Auto, AWD, 4ETS	11.7l/100km	\$94,000
<b>ML 320 CDI</b>	3.0l, V6, turbo-diesel	165kW	510Nm	7-speed Auto, AWD, 4ETS	9.6l/100km	\$97,000
<b>ML 500</b>	5.5l, V8, petrol	285kW	530Nm	7-speed Auto, AWD, 4ETS	13.4l/100km	\$127,500
<b>ML 63 AMG</b>	6.3l, AMG V8, petrol	375kW	630Nm	7-speed Auto, AWD, 4ETS	16.5l/100km	\$167,500

\* According to ADR 81/01

\*\* Prices exclude dealer delivery and statutory charges

All models are now available from all authorised Mercedes-Benz passenger car dealers. Visit [www.mercedes-benz.com.au](http://www.mercedes-benz.com.au) for more information.

**Mercedes-Benz M-Class sales in Australia**

Year	1998*	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008**	TOTAL
<b>M-Class</b>	398	1,565	2,734	2,749	2,511	1,628	1,226	1,240	2,445	2,459	1,361	20,316
<b>Total MB Sales</b>	7,598	8,773	9,544	12,042	13,311	14,260	12,720	13,333	14,068	16,087	11,410	133,146

\* Market introduction August 1998

\*\* September 2008 year-to-date

- END OF SHORT VERSION -

**Contact:**

Peter Fadeyev

*Manager – Corporate Communications*  
Mercedes-Benz Australia / Pacific Pty Ltd  
Telephone: + 61 (0) 3 9566 9240  
Mobile Telephone: +61 (0) 418 579 544  
Email: [peter.fadeyev@daimler.com](mailto:peter.fadeyev@daimler.com)

David McCarthy  
*Senior Manager – Corporate Communications*  
Mercedes-Benz Australia / Pacific Pty Ltd  
Telephone: + 61 (0) 3 9566 9215  
Mobile Telephone: +61 (0) 412 377 099  
Email: [david.mccarthy@daimler.com](mailto:david.mccarthy@daimler.com)

**Internet sites:**

Further information from Daimler is available on the internet at  
[www.media.daimler.com](http://www.media.daimler.com)

Further information from Mercedes-Benz is available on the internet at  
[www.mercedes-benz.com.au](http://www.mercedes-benz.com.au)



The new-generation Mercedes-Benz ML 63 AMG

## The performance SUV strikingly honed to perfection

- **New front and rear aprons with chromed underguard**
- **Larger AMG radiator grille in high-gloss black with chrome highlights**
- **AMG ergonomic sports steering wheel and new 20-inch AMG light-alloy wheels**

The Mercedes-Benz ML 63 AMG now demonstrates even more emphatically its exceptional status as the performance SUV with the largest displacement and highest output.

The new AMG front apron is an eye-catching feature with its high-gloss, chromed underguard. The lower cooling air inlet appears even larger thanks to the central black grille. New-look headlamps flank the equally new AMG-specific radiator grille: painted in high-gloss black, its three radiator louvres feature chrome highlights. Round fog lamps set well to the outside with chrome surrounds and the flared wheel arches in the body colour make the flagship M-Class appear even wider and more muscular.

Even more unmistakable, even more powerful: this philosophy is also continued at the rear. The high-gloss, chromed underguard is the undoubted highlight on the equally new AMG rear apron with integrated reflectors.

Further visual highlights include the two chromed twin tailpipes on the AMG sports exhaust system.

The dark-tinted tail lights are replaced with LED tail lights with their clear-glass look if the optional bi-xenon headlamps are specified (which are standard fitment in the ML 500 and ML 63 AMG).

New-look exterior mirrors as well as the standard-fit aluminium-look roof rails add the finishing touches to the styling modifications.

Viewed from the side, the new 20-inch 5-spoke AMG light-alloy wheels make a bold statement. Painted titanium grey with a high-sheen finish, the 10-inch tyres are shod with 295/40 R 20 tyres front and rear. An even more impressive wheel/tyre combination is available as an option: titanium-grey-painted, high-sheen 21-inch AMG light-alloy wheels with the new twin-spoke styling are shod with 295/35 R 21 tyres.

The new AMG ergonomic steering wheel stands out in the practical, high-quality interior of ML 63 AMG: perforated leather adorns the specially shaped grip area, while the bottom two spokes are finished with a silver-coloured insert.

New AMG aluminium shift paddles allow the driver to shift gear manually.

A nappa leather-trimmed dashboard is also available as standard.

The new telematics generation also features in the M-Class. The COMAND APS fitted as standard in the ML 63 AMG combines ease of use and logical menu structure with consummate entertainment. A hands-free system with Bluetooth technology comes as standard and a new Media Interface in the glove compartment is also fitted as standard, which enables mobile audio devices such as the iPod to be fully integrated and then controlled via the audio system's user interface.

Mercedes-Benz also offers the enhanced LINGUATRONIC voice-operated control system with its hallmark outstanding functionality in conjunction with the new telematics generation.

### **AMG 6.3-litre V8 engine and permanent, asymmetrical all-wheel drive**

With a maximum output of 375 kW at 6800 rpm the ML 63 AMG remains the most powerful off-roader on the market two-and-a-half years after its launch. The AMG 6.3-litre V8 engine develops maximum torque of 630 Nm at 5200 rpm from a displacement of 6208 cc. In essence, this superior engine delivers top-notch performance.

The ML 63 AMG accelerates from 0-100 km/h in 5.0 seconds, top speed is 250 km/h (electronically limited).

Power transfer is via the AMG SPEEDSHIFT 7G-TRONIC automatic transmission with three drive modes.

The permanent all-wheel drive is decidedly sporty: the power is split asymmetrically 40:60 between the front and rear wheels to provide optimum agility.

The AMG sports suspension based on AIRMATIC guarantees dynamic performance combined with the hallmark Mercedes long-distance comfort. The air suspension features AMG-specific damper struts and the specially configured adaptive damping system ADS including automatic level control all-round.

Both the dampers and springs instantly respond as the current driving situation changes, but their settings may also be adjusted manually in three stages at the touch of a button.

The generously dimensioned AMG high-performance braking system, which features internally ventilated and perforated brake discs all-round, guarantees the shortest possible braking distances and optimum resistance to fading.

### **AMG sports seats with nappa leather upholstery and Alcantara inserts**

The standard specification of the ML 63 AMG includes electrically adjustable AMG sports seats with nappa leather upholstery, Alcantara inserts in the shoulder areas, multicontour function and heating.

The AMG instrument cluster comes with a specially designed AMG main menu with gear indicator, recommended upshifts, as well as engine oil temperature and battery voltage display. The integrated RACETIMER enables the driver to record lap times on a racing circuit.

The new-generation Mercedes-Benz ML 63 AMG is now available from all authorised Mercedes-Benz passenger car dealerships.

- END -

**Contact:**

Peter Fadeyev

*Manager – Corporate Communications*

Mercedes-Benz Australia / Pacific Pty Ltd

Telephone: + 61 (0) 3 9566 9240

Mobile Telephone: +61 (0) 418 579 544

Email: [peter.fadeyev@daimler.com](mailto:peter.fadeyev@daimler.com)

David McCarthy

*Senior Manager – Corporate Communications*

Mercedes-Benz Australia / Pacific Pty Ltd

Telephone: + 61 (0) 3 9566 9215

Mobile Telephone: +61 (0) 412 377 099

Email: [david.mccarthy@daimler.com](mailto:david.mccarthy@daimler.com)

**Internet sites:**

Further information from Daimler is available on the internet at [www.media.daimler.com](http://www.media.daimler.com)

Further information from Mercedes-Benz is available on the internet at  
[www.mercedes-benz.com.au](http://www.mercedes-benz.com.au)

Page 16





Mercedes-Benz

Technical data:

## Mercedes-Benz ML 280 CDI 4MATIC

### Engine

No. of cylinders/arrangement		6 in vee formation (72°), 4 valves per cylinder
Displacement	cc	2987
Bore x stroke	mm	83.0 x 92.0
Rated output	kW	140 at 4000 rpm
Rated torque	Nm	440 at 1400-2800 rpm
Max. engine speed	rpm	4500
Compression ratio		17.7 : 1
Mixture formation		Electronically controlled direct injection with common rail, VTG turbocharger, charge-air cooling

### Power transfer

Transmission		All-wheel drive with Electronic Traction System (4ETS) and ESP); 7G-TRONIC 7-speed automatic transmission with torque converter and electronic torque lock-up
Ratios	Final drive	3.45
	1st gear	4.377
	2nd gear	2.859
	3rd gear	1.921
	4th gear	1.368
	5th gear	1.000
	6th gear	0.820

	7th gear	0.728
	Reverse	3.416, 2.231

### **Running gear**

Front axle	Double-wishbone front suspension, single-tube gas-pressure shock absorbers with coil springs, torsion bar stabiliser
Rear axle	4-link rear suspension, coil springs, single-tube gas-pressure shock and coil springs, torsion bar stabiliser
Braking system	Hydraulic dual-circuit braking system with vacuum servo assistance, ABS and Brake Assist, front brake discs internally ventilated, rear brake discs solid, lever-type parking brake, Electronic Stability Program ESP®
Steering	Speed-sensitive rack-and-pinion power steering with 385mm diameter steering wheel
Wheels	8 J x 18
Tyres	255/55 R 18

### **Dimensions and weights**

Wheelbase	mm	2915
Overall length	mm	4781
Overall width	mm	2124
Overall height	mm	1815
Turning circle	m	11.60
Boot capacity*	l	500-2050
Kerb weight acc. to EU	kg	2185
Payload	kg	645
Gross vehicle weight	kg	2830
Tank capacity/reserve	l	95/13

### **Performance and fuel consumption**

Acceleration 0-100 km/h	s	9.8
Max. speed	km/h	205
Comb. fuel consumption**	l/100 km	9.6
CO2 emissions	g/km	254

Page 19

\*according to VDA measuring method

\*\* according to ADR 81/01



Mercedes-Benz

Technical data:

## Mercedes-Benz ML 350 4MATIC

### Engine

No. of cylinders/arrangement		6 in vee formation (90°), 4 valves per cylinder
Displacement	cc	3498
Bore x stroke	mm	92.9 x 86.0
Rated output	kW	200 at 6000 rpm
Rated torque	Nm	350 at 2400-5000 rpm
Max. engine speed	rpm	6500
Compression ratio		10.7 : 1
Mixture formation		Microprocessor controlled petrol injection

### Power transfer

Transmission		All-wheel drive with Electronic Traction System (4ETS) and ESP); 7G-TRONIC 7-speed automatic transmission with torque converter and electronic torque lock-up
Ratios	Final drive	3.90
	1st gear	4.377
	2nd gear	2.859
	3rd gear	1.921
	4th gear	1.368
	5th gear	1.000
	6th gear	0.820
	7th gear	0.728

	Reverse	3.416, 2.231
--	---------	--------------

**Running gear**

Front axle	Double-wishbone front suspension, single-tube gas-pressure shock absorbers with coil springs, torsion bar stabiliser
Rear axle	4-link rear suspension, coil springs, single-tube gas-pressure shock and coil springs, torsion bar stabiliser
Braking system	Hydraulic dual-circuit braking system with vacuum servo assistance, ABS and Brake Assist, front brake discs internally ventilated, rear brake discs solid, lever-type parking brake, Electronic Stability Program ESP®
Steering	Speed-sensitive rack-and-pinion power steering with 385mm diameter steering wheel
Wheels	8 J x 19
Tyres	255/50 R 19

**Dimensions and weights**

Wheelbase	mm	2915
Overall length	mm	4781
Overall width	mm	2124
Overall height	mm	1815
Turning circle	m	11.60
Boot capacity*	l	500-2050
Kerb weight acc. to EU	kg	2135
Payload	kg	695
Gross vehicle weight	kg	2830
Tank capacity/reserve	l	95/13

**Performance and fuel consumption**

Acceleration 0-100 km/h	s	8.4
-------------------------	---	-----

Max. speed	km/h	210 (electronically limited)
Comb. fuel consumption**	l/100 km	11.7
CO2 emissions	g/km	279

Page 22

\*according to VDA measuring method

\*\* according to ADR 81/01



Technical data:

## Mercedes-Benz ML 320 CDI 4MATIC

### Engine

No. of cylinders/arrangement		6 in vee formation (72°), 4 valves per cylinder
Displacement	cc	2987
Bore x stroke	mm	83.0 x 92.0
Rated output	kW	165 at 3800 rpm
Rated torque	Nm	510 at 1600-2800 rpm
Max. engine speed	rpm	4500
Compression ratio		17.7 : 1
Mixture formation		Electronically controlled direct injection with common rail, VTG turbocharger, charge-air cooling

### Power transfer

Transmission		All-wheel drive with Electronic Traction System (4ETS) and ESP); 7G-TRONIC 7-speed automatic transmission with torque converter and electronic torque lock-up
Ratios	Final drive	3.45
	1st gear	4.377
	2nd gear	2.859
	3rd gear	1.921
	4th gear	1.368
	5th gear	1.000
	6th gear	0.820

	7th gear	0.728
	Reverse	3.416, 2.231

### **Running gear**

Front axle	Double-wishbone front suspension, single-tube gas-pressure shock absorbers with coil springs, torsion bar stabiliser
Rear axle	4-link rear suspension, coil springs, single-tube gas-pressure shock and coil springs, torsion bar stabiliser
Braking system	Hydraulic dual-circuit braking system with vacuum servo assistance, ABS and Brake Assist, front brake discs internally ventilated, rear brake discs solid, lever-type parking brake, Electronic Stability Program ESP®
Steering	Speed-sensitive rack-and-pinion power steering with 385mm diameter steering wheel
Wheels	8 J x 19
Tyres	255/50 R 19

### **Dimensions and weights**

Wheelbase	mm	2915
Overall length	mm	4781
Overall width	mm	2124
Overall height	mm	1815
Turning circle	m	11.60
Boot capacity*	l	500-2050
Kerb weight acc. to EU	kg	2185
Payload	kg	645
Gross vehicle weight	kg	2830
Tank capacity/reserve	l	95/13

### **Performance and fuel consumption**



Acceleration 0-100 km/h	s	8.6
Max. speed	km/h	210 (electronically limited)
Comb. fuel consumption**	l/100 km	9.6
CO2 emissions	g/km	254

Page 25

\*according to VDA measuring method

\*\* according to ADR 81/01



Mercedes-Benz

Technical data:

## Mercedes-Benz ML 500 4MATIC

### Engine

No. of cylinders/arrangement		8 in vee formation (90°), 4 valves per cylinder
Displacement	cc	5467
Bore x stroke	mm	98.0 x 90.5
Rated output	kW	285 at 6000 rpm
Rated torque	Nm	530 at 2800-4800 rpm
Max. engine speed	rpm	6500
Compression ratio		10.7 : 1
Mixture formation		Microprocessor controlled petrol injection

### Power transfer

Transmission		All-wheel drive with Electronic Traction System (4ETS) and ESP); 7G-TRONIC 7-speed automatic transmission with torque converter and electronic torque lock-up
Ratios	Final drive	3.70
	1st gear	4.377
	2nd gear	2.859
	3rd gear	1.921
	4th gear	1.368
	5th gear	1.000
	6th gear	0.820
	7th gear	0.728
	Reverse	3.416, 2.231

**Running gear**

Front axle	Double-wishbone front suspension with AIRMATIC adaptive damping air springs, torsion bar stabiliser
Rear axle	4-link rear suspension with AIRMATIC adaptive damping air springs, torsion bar stabiliser
Braking system	Hydraulic dual-circuit braking system with vacuum servo assistance, ABS and Brake Assist, front brake discs internally ventilated, rear brake discs solid, lever-type parking brake, Electronic Stability Program ESP®
Steering	Speed-sensitive rack-and-pinion power steering with 385mm diameter steering wheel
Wheels	8.5 J x 20
Tyres	265/45 R 20

**Dimensions and weights**

Wheelbase	mm	2915
Overall length	mm	4781
Overall width	mm	2124
Overall height	mm	1774
Turning circle	m	11.60
Boot capacity*	l	500-2050
Kerb weight acc. to EU	kg	2185
Payload	kg	645
Gross vehicle weight	kg	2830
Tank capacity/reserve	l	95/13

**Performance and fuel consumption**

Acceleration 0-100 km/h	s	5.8
Max. speed	km/h	210 (electronically limited)
Comb. fuel consumption**	l/100 km	12.9
CO2 emissions	g/km	306

\*according to VDA measuring method

\*\* according to ADR 81/01

Page 28



Mercedes-Benz

Technical data:

## Mercedes-Benz ML 63 AMG

### Engine

No. of cylinders/arrangement		8 in vee formation (90°), 4 valves per cylinder
Displacement	cc	6208
Bore x stroke	mm	102.2 x 94.6
Rated output	kW	375 at 6800 rpm
Rated torque	Nm	630 at 5200 rpm
Max. engine speed	rpm	6800
Compression ratio		11.3 : 1
Mixture formation		Microprocessor controlled petrol injection

### Power transfer

Transmission		All-wheel drive with Electronic Traction System (4ETS) and ESP); 7G-TRONIC 7-speed automatic transmission with torque converter and electronic torque lock-up
Ratios	Final drive	3.70
	1st gear	4.377
	2nd gear	2.859
	3rd gear	1.921
	4th gear	1.368
	5th gear	1.000
	6th gear	0.820
	7th gear	0.728
	Reverse	3.416, 2.231

**Running gear**

Front axle	Double-wishbone front suspension with AIRMATIC adaptive damping air springs, torsion bar stabiliser
Rear axle	4-link rear suspension with AIRMATIC adaptive damping air springs, torsion bar stabiliser
Braking system	Hydraulic dual-circuit braking system with vacuum servo assistance, ABS and Brake Assist, front brake discs internally ventilated, rear brake discs solid, lever-type parking brake, Electronic Stability Program ESP®
Steering	Speed-sensitive rack-and-pinion power steering with 385mm diameter steering wheel
Wheels	10 J x 20
Tyres	295/40 R 20

**Dimensions and weights**

Wheelbase	mm	2915
Overall length	mm	4812
Overall width	mm	2127
Overall height	mm	1899
Turning circle	m	11.60
Boot capacity*	l	500-2050
Kerb weight acc. to EU	kg	2310
Payload	kg	570
Gross vehicle weight	kg	2880
Tank capacity/reserve	l	95/15.3

**Performance and fuel consumption**

Acceleration 0-100 km/h	s	5.0
Max. speed	km/h	250 (electronically limited)
Comb. fuel consumption**	l/100 km	16.5
CO2 emissions	g/km	392

\*according to VDA measuring method

Page 31

\*\* according to ADR 81/01

- END -

**Contact:**

Peter Fadeyev

*Manager – Corporate Communications*

Mercedes-Benz Australia / Pacific Pty Ltd

Telephone: + 61 (0) 3 9566 9240

Mobile Telephone: +61 (0) 418 579 544

Email: [peter.fadeyev@daimler.com](mailto:peter.fadeyev@daimler.com)

David McCarthy

*Senior Manager – Corporate Communications*

Mercedes-Benz Australia / Pacific Pty Ltd

Telephone: + 61 (0) 3 9566 9215

Mobile Telephone: +61 (0) 412 377 099

Email: [david.mccarthy@daimler.com](mailto:david.mccarthy@daimler.com)

**Internet sites:**

Further information from Daimler is available on the internet at

[www.media.daimler.com](http://www.media.daimler.com)

Further information from Mercedes-Benz is available on the internet at

[www.mercedes-benz.com.au](http://www.mercedes-benz.com.au)