

Actros

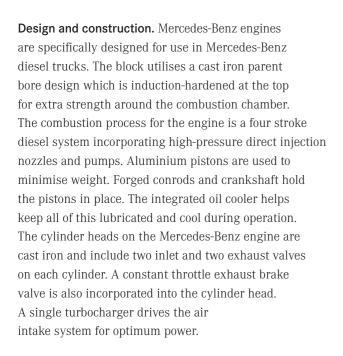
Engines

125! years of innovation



Actros Engines





Emission control. Mercedes-Benz has opted to use SCR (Selective Catalytic Reduction) technology to satisfy ADR80/03 emission requirements. SCR technology uses a non-toxic re-agent which is injected into the exhaust system after the turbo. Through a chemical reaction with the re-agent within the catalytic converter emission levels are lowered significantly. Utilising this SCR technology also helps the engine to run more efficiently as all exhaust treatment is performed after the combustion process, hence exhaust gases do not need to be re-circulated.



Auxillaries. All Mercedes-Benz engines include a 28V alternator with an 80 Amp output. This can be increased to 100 Amp as an option and is included as standard in trucks with a GCM of 70 tonnes or more. A single air compressor is fitted as standard with the option of upgrading to a twin cylinder compressor. The twin cylinder compressor is standard on trucks with a GCM of 70 tonnes or more.

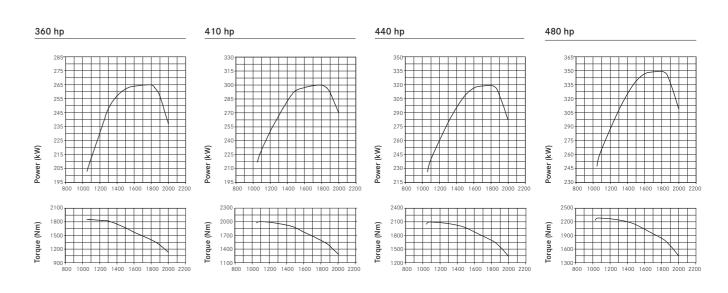






	360 hp	410 hp							
Туре	Mercedes-Benz OM 510 LA, 12 litre turbo-intercooled 4 valves per cylinder, V6 direct injection								
Maximum power @ 1,800 rpm	265 kW (360 hp)	300 kW (408 hp)							
Maximum torque @ 1,080 rpm	1,850 Nm (1,365 lb.ft)	2,000 Nm (1,475 lb.ft)							
Bore	130 mm	130 mm							
Stroke	150 mm	150 mm							
Capacity	11.95 litres	11.95 litres							
Weight	940 kg	940 kg							
Control	Telligent® electronic engine management	Telligent [®] electronic engine management							
Fuel injection	Direct injection via unit injectors	Direct injection via unit injectors							
Cooling	Water cooled with electromagnetic fan	Water cooled with electromagnetic fan							
Engine brake	Brake flap & decompression valve	Brake flap & decompression valve							
Exhaust	Stainless steel with SCR catalytic converter	Stainless steel with SCR catalytic converter							

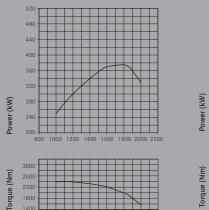
	440 hp	480 hp						
Туре	Mercedes-Benz OM501LA, 12 litre turbo-intercooled 4 valves per cylinder, V6 direct injection							
Maximum power @ 1,800 rpm	320 kW (435 hp)	350 kW (476 hp)						
Maximum torque @ 1,080 rpm	2,100 Nm (1,550 lb.ft)	2,300 Nm (1,696 lb.ft)						
Bore	130 mm	130 mm						
Stroke	150 mm	150 mm						
Capacity	11.95 litres	11.95 litres						
Weight	940 kg	940 kg						
Control	Telligent® electronic engine management	Telligent® electronic engine management						
Fuel injection	Direct injection via unit injectors	Direct injection via unit injectors						
Cooling	Water cooled with electromagnetic fan	Water cooled with electromagnetic fan						
Engine brake	Brake flap & decompression valve	Brake flap & decompression valve						
Exhaust	Stainless steel with SCR catalytic converter	Stainless steel with SCR catalytic converter						

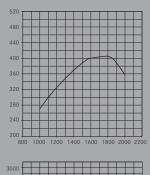


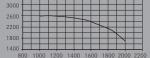
	510 hp	550 hp	600 hp							
Туре	Mercedes-Benz OM 502 LA, 16 litre turbo-intercooled 4 valves per cylinder, V8 direct injection									
Maximum power @	375 kW (510 hp)	405 kW (551 hp)	440 kW (598 hp)							
1,800 rpm										
Maximum torque @	2,400 Nm (1,770 lb.ft)	2,600 Nm (1,917 lb.ft)	2,800 Nm (2,065 lb.ft)							
1,080 rpm										
Bore	130 mm	130 mm	130 mm							
Stroke	150 mm	150 mm	150 mm							
Capacity	15.93 litres	15.93 litres	15.93 litres							
Weight	1258 kg	1258 kg	1258 kg							
Control	Telligent® electronic engine management	Telligent [®] electronic engine management	Telligent [®] electronic engine management							
Fuel injection	Direct injection via unit injectors	Direct injection via unit injectors	Direct injection via unit injectors							
Cooling	Water cooled with high capacity fan	Water cooled with high capacity fan	Water cooled with high capacity fan							
Engine brake	Brake flap & decompression valve	Brake flap & decompression valve	Brake flap & decompression valve							
Exhaust	Stainless steel with SCR catalytic converter	Stainless steel with SCR catalytic converter	Stainless steel with SCR catalytic converter							

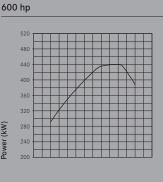
510 hp

550 hp









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For full warranty details and limitations contact your authorised Mercedes-Benz Truck Dealer.

IMPORTANT! This brochure has been compiled by Mercedes-Benz Australia/Pacific Pty Ltd to provide a general indication of the range of models available in Australia. Some of the models, features, optional extras and/or colours shown may not be available in Australia or may only be available in a different specification. Additionally, some models, features, optional extras and/or colours may only be available in combination with others. Some equipment depicted either on vehicle illustrations or separately may be non standard or options and may, where applicable, be available at an additional cost.

For current information on the availability, design features and prices of all models, features, optional extras and/or colours available in Australia, you should contact your authorised Mercedes-Benz Truck Dealer on 1300 66 22 30 or go to **www.mercedes-benz.com.au/trucks.**

All of the information contained in this brochure was correct as at April 2011. However, the manufacturer reserves the right to discontinue, make changes to design and specifications to vehicles or optional equipment without notice.

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