



Atego & Axor

Engines

125! years of innovation



Mercedes-Benz
Trucks you can trust

Atego & Axor

Engines



Design and construction. Mercedes-Benz engines are specifically designed for use in Mercedes-Benz diesel trucks. The block utilises a cast iron parent bore design which is induction-hardened at the top for extra strength around the combustion chamber. The combustion process for the engine is a four stroke diesel system incorporating high - pressure direct injection nozzles and pumps. Aluminium pistons are used to further minimise weight. Forged con-rods and crankshaft hold the pistons in place. The integrated oil cooler helps keep all of this lubricated and cool during operation. The cylinder heads on the engine are cast iron and include two inlet and two exhaust valves on each cylinder. A constant throttle exhaust brake valve is also incorporated into the cylinder head and a single turbocharger drives the air intake system for optimum power.

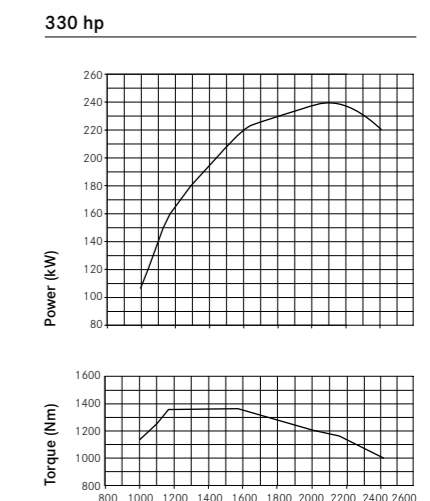
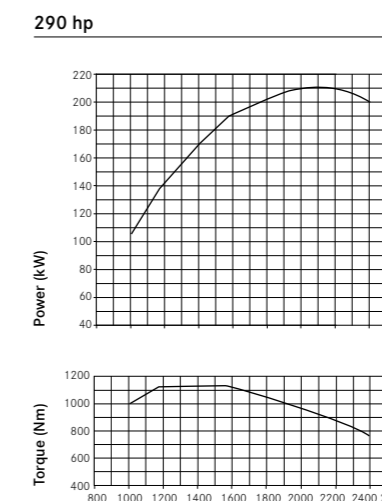
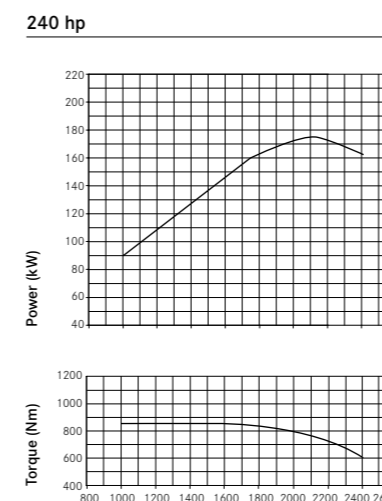
Emission control. Mercedes-Benz has opted to use SCR (Selective Catalytic Reduction) technology to satisfy ADR 80/03 (Euro 5) emission requirements. SCR technology uses a non-toxic reagent which is injected into the exhaust stream after the turbocharger. Utilising this SCR technology also helps the engine to run more efficiently as all exhaust treatment is performed after the combustion process; hence exhaust gasses do not need to be re-circulated. In addition to this, Mercedes-Benz also incorporate engines which comply with the voluntary EEV (Enhanced Environmentally Friendly Vehicles) emissions standards.* This is currently the strictest European emissions guideline which further limits the particulate matter value by approximately 33% as compared to Euro 5.

Axor Engine Types	330 hp
Type	Mercedes-Benz OM 926LA, in line 6 cylinder Euro 5 with EEV
Maximum power @ 1,800 rpm	240 kW (326hp)
Maximum torque @ 1,080 rpm	1300 Nm (960 lb.ft)
Bore	106 mm
Stroke	136 mm
Capacity	7.2 litres
Weight	575 kg
Control	Telligent® electronic engine management
Fuel injection	Direct injection via unit injectors
Cooling	Water cooled with viscous clutch fan
Engine brake	Brake flap and decompression valve
Exhaust	Stainless steel with SCR catalytic converter



Atego Engine Types	240 hp	290 hp
Type	Mercedes-Benz OM 926LA, in line 6 cylinder Euro 5 with EEV	
Maximum power @ 1,800 rpm	175 kW (238hp)	210 kW (286hp)
Maximum torque @ 1,080 rpm	850 Nm (630 lb.ft)	1,120 Nm (826 lb.ft)
Bore	106 mm	106 mm
Stroke	136 mm	136 mm
Capacity	7.2 litres	7.2 litres
Weight	575 kg	575 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 viscous clutch fan	Water cooled with viscous clutch fan
Engine brake	Brake flap and decompression valve	Brake flap and decompression valve
Exhaust	Stainless steel with SCR catalytic converter	Stainless steel with SCR catalytic converter

	240 hp	290 hp
Type	Mercedes-Benz OM 906LA, in line 6 cylinder Euro 5	
Maximum power @ 1,800 rpm	175 kW (238hp)	210 kW (286hp)
Maximum torque @ 1,080 rpm	850 Nm (630 lb.ft)	1,120 Nm (826 lb.ft)
Bore	102 mm	102 mm
Stroke	130 mm	130 mm
Capacity	6.37 litres	6.37 litres
Weight	575 kg	575 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 viscous clutch fan	Water cooled with viscous clutch fan
Engine brake	Brake flap and decompression valve	Brake flap and decompression valve
Exhaust	Stainless steel with SCR catalytic converter	Stainless steel with SCR catalytic converter



* EEV engines are not available in some Atego model variants.

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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