

## Cabins

### ClassicSpace L-Cab, 2.30 m, engine tunnel 170 mm.

The ClassicSpace Cab is designed fully for the needs and comfort of the driver in solo operation in heavy-duty distribution and national long-distance applications. It is designed on the basis of state-of-the-art ergonomic and safety criteria and offers generous interior space as well as plenty of storage space.

### StreamSpace L-cab, 2.30 m, engine tunnel 170 mm.

The cab has been specially optimised for low fuel consumption. The cab has been designed in accordance with the latest ergonomic and safety principles and offers high levels of comfort and convenience.

### StreamSpace L-cab, 2.50 m, level floor

The cab has been specially optimised for low fuel consumption. Thanks to its width and the headroom of 1.97 m between the seats, it offers plenty of space and a high level of comfort. The cab has been designed in accordance with the latest ergonomic and safety principles. The level floor facilitates through-cab access to the co-driver's side.

### GigaSpace L-Cab, 2.50m, level floor

The comfortable L-cab GigaSpace Cab with a width of 2.50 m and flat floor is designed fully for the needs and comfort of driver and co-driver in long-distance operation. It offers the ideal combination of stress-free driving, living with a feel-good factor and optimised rest and relaxation phases. The GigaSpace sets standards among the competition with a storage volume of approx. 975 l. The driver's workplace is designed in accordance with the latest ergonomic and safety standards. This is complemented by the newly developed seat and bed concept, featuring 40 mm wider seat cushions as well as a bottom comfort bed with a width of 750 mm

and 7-zone cold foam mattress as standard. The new colour concept of the interior design promotes well-being and clearly separates the working and living areas from each other.

## Engines

### OM460 Euro III

The OM460 engine has been developed on the basis of tried and tested technology and robust components. The inline 6-cylinder engine configuration with exhaust gas turbocharger and unit pump line injectors obtains a high torque already at low engine speeds and across a wider engine speed range contributing to much improved driving characteristics and a significant increase in economic fuelefficiency.

### OM471 Euro V

Numerous technical innovations such as the proprietary X-Pulse fuel injection system which reduces the fuel quantity required for combustion to a minimum and, the high performance engine brake with decompression technology allowing for high braking power and relieving the load on the service brakes allows the OM471 to reach a new benchmark in terms of fuel consumption, robustness and longevity. In addition the Euro V engine technology allows for a significant reduction in environmental pollution.

### OM473 Euro III & Euro V

If an engine could be described as "heavier than heavy duty", the new OM473 in-line six-cylinder engine from Mercedes-Benz would fit the bill perfectly. The technology of the engine is based on the same platform as the ultra-modern Mercedes-Benz OM471. But with an engine capacity of 15.6 l, an output of up to 460 kW (625 hp) and up to 3000 Nm of torque, the OM473 stands apart from the rest, in a category of its own, characterised by peak performance under harsh conditions and meeting the toughest requirements in

terms of transport speed, pulling power and robustness.

The flexible common rail system with X-PULSE pressure boost is responsible for fuel injection in the OM473. The maximum pressure of approximately 900 bar in the common rail is increased to up to 2100 bar in the individual injectors. The X-PULSE system used exclusively by Mercedes-Benz continually adjusts the injection specifically for each cylinder based on the engine's current operating conditions. Alongside the injection timing and amount, the injection quantity and the injection pressure modulation of the individual injectors is also possible. The already familiar, extremely powerful high performance engine brake is also standard in the OM473.

Amongst the special features of the Mercedes-Benz OM473 is a technical highlight, known as turbocompound technology. It is one of the main reasons for the engine's high performance and economic efficiency. The term turbocompound refers to a second turbine located downstream of the exhaust gas turbocharger. It makes use of the exhaust gas temperature which is maintained after the gas has flowed through the exhaust gas turbocharger, thereby further boosting efficiency. The power is transferred via a shaft and a hydrodynamic clutch to the engine's gear drive and thus directly to the crankshaft.



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**Part Number:** A1026160119 0002  
Revised 14.01.2020  
[www.mercedes-benz.co.za/trucks](http://www.mercedes-benz.co.za/trucks)

Printed in South Africa

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# 6X4LS & 6X4S Actros Truck Tractor Range

Product Guide

Mercedes-Benz

Trucks you can trust





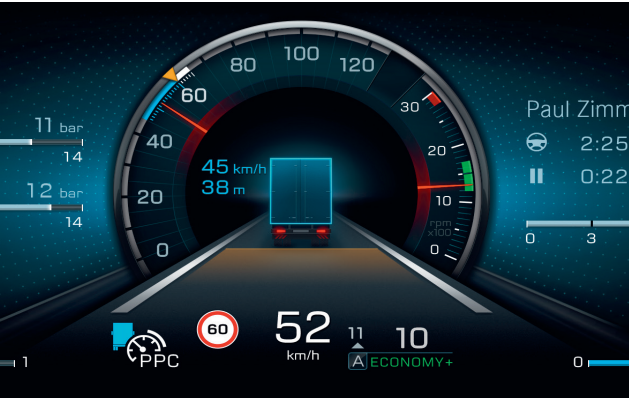
# The Mercedes-Benz Actros 6x4LS & 6x4S Range.

The Mercedes-Benz Actros steel and air suspended truck tractor range impresses not only with a comfortable driver workplace, but also with precisely coordinated, application-matched vehicle configurations, impressive fuel savings, efficient technology and attractive service offers which increases the overall effectiveness further still. Core Characterstics of the Actros are Reliability, Efficiency and Safety.

**Reliability.** Operators who earn their money in road-bound goods transport need reliability. In other words: trucks they can count on. With th Actros we are able to offer you a vehicle incorporating the rich fund of experience and expertise acquired over more than 120 years of German engineering. Equipped with leading Mercedes-Benz vehicle technology and components tested under the toughest conditions. This applies to engines, transmissions and drive axles as well as frames, chassis, suspension and cabs. Everything is perfectly coordinated, in order to meet all requirements reliably, even in extreme conditions.



**Efficiency.** Mercedes-Benz trucks stand for particularly high economic efficiency worldwide. The Actros also meets the highest standards of efficiency, based first and foremost on its particularly low fuel consumption. Low wear and a higher resale value are additional merits contributing to its high overall economic efficiency. To this end, numerous innovative technical measures were implemented in the course of developing the Actros range. Fuel-saving drive programs, an optimised rear axle ratio and the enhanced Predictive Powertrain Control (PPC) system also contribute to the low fuel consumption These result in engines with higher performance and lower fuel consumption, a powertrain which enables a particularly economical driving style, and an aerodynamic design honed down to the finest details in the interest of fuel efficiency.



**Safety.** Mercedes-Benz employs many safety and assistance systems to reduce risks and ease the burden on the driver. Alongside the Electronic Braking System with ABS, ASR, hill holder, Proximity Control Assist and Active Brake Assist 5, the Stability Control Assist system, Lane Keeping Assist and Attention Assist help the driver to avoid or mitigate accidents. Also contributing to the high level of safety are the standard LED day-time running lights, LED tail-lights and flashing hazard warning lights under emergency braking. The new, electronic parking brake with HOLD function combines simpler handling and a high level of safety. It is augmented by the familiar hill holder. MirrorCam improves safety, by automatically panning the camera image when manoeuvring, turning corners or changing lanes.



## Key Specifications

Description	Actros 2640LS/33	Actros 2645LS/33 Pure	Actros 2645LS/33	Actros 2645LS/33 RE	Actros 2645LS/33 FS	Actros 2645LS/33 Euro V RE	Actros 2652LS/33 Pure	Actros 2652LS/33	Actros 2652LS/33 RE	Actros 2663LS/33 Euro V	Actros 3358LS/33	Actros 3340S/33	Actros 3345S/33	Actros 3352S/33
<b>Application</b>	A functional truck with a focus on robustness.	A functional truck with a focus on robustness. Shares the same efficient drivetrain as the 2645LS.	Designed for long-haul transport, where fuel and aerodynamic efficiency is of utmost importance.	An innovative long-haul truck with a strong focus on efficiency and safety, features PPC and Mirrorcam.	Designed for the transportation of hazardous goods. With a strong focus on safety.	An innovative long-haul truck with a strong focus on efficiency and safety, features the efficient Euro V OM471 Engine, PPC and Mirrorcam.	A functional truck with a focus on robustness. Shares the same powerful & efficient engine & drivetrain as the 2652LS	Designed for long-haul transport. The drivetrain is optimised for maximum performance in hilly terrain, without adversely affecting fuel efficiency.	The flagship long-haul truck. Features the Very Efficient and Powerful OM473 Engine & boasts class leading safety and aerodynamic efficiency features such as PPC and Mirrorcam.	The ultimate truck when it comes to luxury and power. A true flagship that is equipped with the most spacious cabin and numerous comfort features.	A truck configured specifically for PBS Applications. It has wider front tyres, second stabiliser bar over the rear axles and ADR. The OM473 High Performance engine and Hypoid Axles ensure that high economic efficiency is still achieved.	A robust, off-highway truck tractor with increased ground clearance.	A robust, off-highway truck tractor with increased ground clearance.	Builds on the strengths of the 3345S by increasing the Gross Combination Mass (GCM).
<b>Wheelbase</b>	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,250 mm	3,300 mm	3,300 mm	3,300 mm
<b>Rear Overhang</b>	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm
<b>Engine</b>	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM471 12.8 l , inline 6	OM473 15.6 l , inline 6	OM473 15.6 l , inline 6	OM473 15.6 l , inline 6	OM473 15.6 l , inline 6	OM473 15.6 l , inline 6	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM473 15.6 l , inline 6
<b>kW/Nm/hp</b>	290kW, 1900Nm, (394hp)	330kW, 2200 Nm, (449hp)	330kW, 2200 Nm, (449hp)	330kW, 2200 Nm, (449hp)	330kW, 2200 Nm, (449hp)	330kW, 2200 Nm, (449hp)	380kW, 2600Nm, (517hp)	380kW, 2600Nm, (517hp)	380kW, 2600Nm, (517hp)	460kW, 3000Nm, (625hp)	425kW, 2800Nm, (578hp)	290kW, 1900Nm, (394hp)	330kW, 2200Nm, (449hp)	380kW, 2600Nm, (517hp)
<b>PTO</b>	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c
<b>Emission Standard</b>	Euro III	Euro III	Euro III	Euro III	Euro III	Euro V	Euro III	Euro III	Euro III	Euro V	Euro III	Euro III	Euro III	Euro III
<b>Gearbox</b>	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G281-12 Direct Drive	G330-12	G330-12	G330-12	G330-12	G330-12
<b>Final Drive Ratio</b>	3.077 Hypoid	3.077 Hypoid	3.077 Hypoid	3.077 Hypoid	3.077 Hypoid	2.846 Hypoid	2.846 Hypoid	2.846 Hypoid	2.846 Hypoid	3.583 Hypoid	4.300 Hypoid	4.143 Planetary	4.143 Planetary	4.143 Planetary
<b>Predictive Powertrain Control (PPC)</b>	No	No	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No	No
<b>Fuel Capacity</b>	390 L, left + 370 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	540 L, left + 360 L, right	290 L, left + 370 L, right	290 L, left	430 L, left + 430 L, right	430 L, left + 430 L, right	430 L, left + 430 L, right
<b>Fifth Wheel</b>	Jost 37C	Jost 38C 2"	Jost 37C	Jost 37C	Jost 38C 2"	Jost 37C	Jost 38C	Jost 37C	Jost 37C	Jost 37C	Jost 38C	Jost 37C	Jost 38C	Jost 38C
<b>Cabin</b>	L-Cab ClassicSpace 2,3m, 170mm Engine Tunnel	L-Cab StreamSpace 2,3m, 170mm Engine Tunnel	L-Cab StreamSpace 2,5m, Flat Floor	L-Cab StreamSpace 2,5m, Flat Floor	L-Cab StreamSpace 2,3m, 170mm Engine Tunnel	L-Cab StreamSpace 2,5m, Flat Floor	L-Cab StreamSpace 2,3m, 170mm Engine Tunnel	L-Cab StreamSpace 2,5m, Flat Floor	L-Cab StreamSpace 2,5m, Flat Floor	L-Cab GigaSpace 2,5m, Flat Floor	L-Cab StreamSpace 2,5m, Flat Floor	L-Cab ClassicSpace 2,3m, 170mm Engine Tunnel	L-Cab ClassicSpace 2,3m, 170mm Engine Tunnel	L-Cab ClassicSpace 2,3m, 170mm Engine Tunnel
<b>MirrorCam</b>	No	No	No	Yes	No	Yes	No	No	Yes	Yes	No	No	No	No
<b>Air-Deflectors</b>	-	-	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	Adjustable Top+Cab Side Deflectors	-	-	-
<b>Wheel Rims</b>	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims
<b>Brakes</b>	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Disc brakes on front and rear axle	Drum brakes on front and rear axle	Drum brakes on front and rear axle	Drum brakes on front and rear axle
<b>Wear-Free Braking System</b>	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	High Performance Engine Brake	High Performance Engine Brake	High Performance Engine Brake + Voith SW Retarder	High Performance Engine Brake + Voith SW Retarder	High Performance Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	High Performance Engine Brake + Voith SW Retarder
<b>Safety Systems</b>	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Lane Keeping Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Disengageable ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Disengageable ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Disengageable ABS & ASR