

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.



Please note: changes may have been made to the product since this manual went to press (14.01.2020). The manufacturer reserves the right to make changes to the design, form, colour and specification during the delivery period, provided these changes, while taking into account the interests of the vendor, can be deemed reasonable with respect to the purchaser. Where the vendor or the manufacturer uses symbols or numbers to describe an order or the subject of an order, no rights may be derived solely from these. The illustrations may show accessories and items of special equipment which are not part of standard specification. Colours may differ slightly from those shown in the brochure, owing to the limitations of the printing process. This manual may also contain models and services which are not available in certain

Part Number: A1026160119
0002 Revised 14.01.2020 www.mercedes-benz.co.za/trucks

Printed in South Africa

countries. This manual is distributed internationally. It provides a general indication of the range of models, features, special equipment and/or colours available in various countries. Some of the models, features, special equipment and/or colours may not be available in your country, or may only be available in a different specification. Additionally some models, features, special equipment and/or colours may only be available in combination with others. For current and more specific information relating to the range of models, features, special equipment and/or colours available in your country, and their pricing, you should contact your nearest Mercedes-Benz Truck Dealer.



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 Characteristics 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 the 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 2636L/55	Actros 2640LS/33	Actros 2645LS/33 Pure / Actros 2645LS/33 PURE Euro V	Actros 2645LS/33 Euro V	Actros 2645LS/33 RE / Actros 2645LS/33 RE Euro V*	Actros 2645LS/33 FS / 2645LS/33 Fuel Spec Euro V	Actros 2652LS/33 Pure	Actros 2652LS/33	Actros 2652LS/33 Fuel Spec	Actros 2652LS/33 RE	Actros 2652LS/33 HT	Actros 2663LS/33 Euro V	Actros 3352LS/33 Pure	Actros 3358LS/33	
Application	F/C On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	T/T On H/way	
Wheelbase	5,500 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	3,250 mm	3,250 mm	3,250 mm	
Rear Overhang	2,550 mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	750mm	
Engine	OM460,inline 6, 12.8 l,		OM460 12.8 l , inline 6 / OM471 12.8 l , inline 6	OM460 12.8 l , inline 6 / OM471 12.8 l , inline 6	OM460 12.8 l , inline 6 / OM471 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	OM473 15.6 l , inline 6	OM473 15.6 l , inline 6	OM473 15.6 l , inline 6	
kW/Nm/hp	265kW (360hp),1800 Nm	290kW, 1900Nm, (394hp)	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)	425kW, 2800Nm, (578hp)	
PTO	-	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	
Emission Standard	Euro III	Euro III	Euro III/Euro V	Euro III/Euro V	Euro III/Euro V	Euro III/Euro V	Euro III	Euro III	Euro III	Euro V	Euro III	Euro III	Euro III	Euro III	
Gearbox	G 211-12	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	
Final Drive Ratio	2.846 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	2.846 Hypoid	3.909 Hypoid	3.583 Hypoid	4.300 Hypoid	4.300 Hypoid	
Predictive Powertrain Control (PPC)	No	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No	
Fuel Capacity	Tank, 500 l, left,	390 L, left + 370 L, right	480 L, left + 400 L, right	480 L, left + 400 L, right/ 60L Adblue tank (Euro V)	480 L, left + 400 L, right	480 L, left + 400 L, right/60L Adblue tank (Euro V)	480 L, left + 400 L, right	480 L, left + 400 L, right	480 L, left + 400 L, right	480 L, left + 400 L, right	480 L, left + 400 L, right	290 L, left + 370 L, right + 60L Adblue tank	480 L, left + 400 L, right	290 L, left	
Fifth Wheel	Jost 37C	Jost 38C 2"	Jost 37C	Jost 37C	Jost 38C 2"		Jost 38C	Jost 37C	Jost 38C	Jost 37C	Jost 37C	Jost 37C	Jost 38C	Jost 38C	
Cabin	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	170mm Engine Tunnel	Floor	170mm Engine Tunnel	Floor	170mm Engine Tunnel	-	170mm Engine Tunnel	L-Cab StreamSpace 2,5m, Flat, Floor	
MirrorCam	No	No	No	Yes	No	Yes	No	No	Yes	Yes	No	No	No	No	
Air-Deflectors	Cab side deflectors, without air 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	Adjustable Top+Cab Side Deflectors	
Wheel Rims	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Alcoa Aluminium, Dura-Bright	
Brakes	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	Disc brakes on front and rear axle	Drum brakes on front and rear axle	Drum brakes on front and rear axle	
Wear-Free Braking System	Engine Brake	Engine Brake + Secondary Oil Retarder	Engine Brake + Secondary Oil Retarder	Engine Brake + Secondary Oil Retarder	Engine Brake + Secondary Oil Retarder	Engine Brake + Secondary Oil Retarder	High Performance Engine Brake	High Performance Engine Brake	High Performance Engine Brake + Secondary Oil Retarder	High Performance Engine Brake + Secondary Oil Retarder	High Performance Engine Brake + Secondary Oil Retarder	Engine Brake + Voith SW Retarder	High Performance Engine Brake + Secondary Oil Retarder	High Performance Engine Brake + Secondary Oil Retarder	
Safety Systems	Driver Airbag, Seatbelt Monitor, Active Brake Assist 6, Attention Assist, Lane Keeping Assist, Disengageable ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Active Brake Assist 6,ABS & ASR	Driver Airbag, Seatbelt Monitor, Assist, ABS & ASR	Active Brake Assist 6,Lane Keeping Assist, Attention Assist Driver Airbag, Seatbelt Monitor, Assist, Disengageable ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 6,Active Sideguard Assist 2, Frontguard Assist, Proximity ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6,Active Sideguard Assist 2, Frontguard Assist, Proximity ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6,Active Sideguard Assist 2, Frontguard Assist, Proximity Control Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6,Active Sideguard Assist 2, Frontguard Assist, Proximity Control Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6,Active Sideguard Assist 2, Frontguard Assist, Proximity Control Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6, Active Sideguard Assist 2, Frontguard Assist, Proximity Control Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6, Active Sideguard Assist 2, Frontguard Assist, Proximity Control Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist,Active Brake Assist 6,Active Sideguard Assist 2, Frontguard Assist, Proximity Control Assist, ABS & ASR

