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4x2LS Actros Air Suspended Truck Tractor Range.

Product Guide

Mercedes-Benz
Trucks you can trust



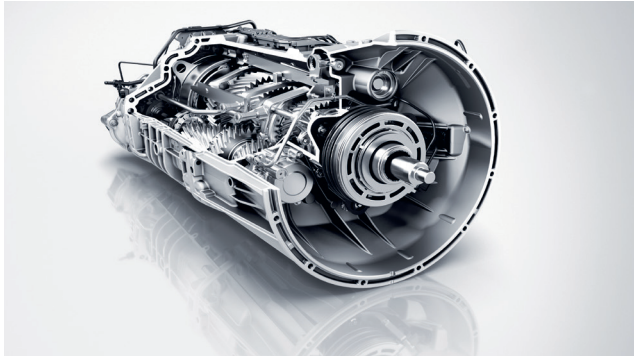
The Mercedes-Benz Actros 4x2LS Range.

The Mercedes-Benz Actros 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 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. 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 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.



Engines

The Actros with its 6-cylinder in-line engines is a particularly economical proposition. The Actros comes with a choice of two powerful 6-cylinder in-line engines: the 12.8 liter OM 460 and the 12.8 liter OM 471 – both designed for low fuel consumption, maximum longevity and optimum performance.

Cabins

ClassicSpace L-cab, 2.30m, engine tunnel 170 mm
The comfortable 2,300 mm wide cab has been designed in accordance with the latest ergonomic and safety principles. The cab offers the driver a high level of comfort and a pleasant ambience which is ideally designed to meet the requirements of regional long-haul transport.

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.

Key Specifications

Description	Actros 1836LS/37	Actros 1840LS/37 FS	Actros 1842LS/37	Actros 1842LS/37 RE	Actros 1842LS/37 Euro V RE
Application	Distribution	Long Haul / Distribution (Hazardous Goods)	Long Haul	Long Haul	Long Haul
Wheelbase	3700mm	3700mm	3700mm	3700mm	3700mm
Rear overhang	750mm	750mm	750mm	750mm	750mm
Engine	OM460, inline 6, 12.8 l	OM460, inline 6, 12.8 l	OM460, inline 6, 12.8 l	OM460, inline 6, 12.8 l	OM471, inline 6, 12.8 l
kW/Nm/Hp	265kW, 1800 Nm, (360hp)	290kW, 1900 Nm, (394hp)	310kW, 2100 Nm, (421hp)	310kW, 2100 Nm, (421hp)	310kW, 2100 Nm, (421hp)
PTO	Gearbox PTO MB 131-2c	Gearbox PTO MB 131-2c			
Emission Standard	Euro III	Euro III	Euro III	Euro III	Euro V
Gearbox	G211-12 Direct Drive	G211-12 Direct Drive	G211-12 Direct Drive	G211-12 Direct Drive	G211-12 Direct Drive
Final Drive Ratio	2.846 Hypoid	2.846 Hypoid	2.846 Hypoid	2.846 Hypoid	2.846 Hypoid
Predictive Powertrain Control (PPC)	No	Yes	No	Yes	Yes
Fuel Capacity	390 L, left	390 L, left	390 L, left + 330 L, right	390 L, left + 330 L, right	390 L, left + 330 L, right + 60L AdBlue
Fifth Wheel	Jost 37C	Jost 37C	Jost 37C	Jost 37C	Jost 37C
Cabin	L - Cab ClassicSpacee 2,3m	L - Cab ClassicSpace 2,3m	L - Cab StreamSpace 2,3m	L - Cab StreamSpace 2,3m	L - Cab StreamSpace 2,3m
MirrorCam	No	No	No	Yes	Yes
Air-Deflectors	-	-	Adjustable +Cab Side Deflectors	Adjustable +Cab Side Deflectors	Adjustable +Cab Side Deflectors
Wheel Rims	Reinforced, Steel Rims	Alcoa Alum, Dura - Bright	Alcoa Alum, Dura - Bright	Alcoa Alum, Dura - Bright	Alcoa Alum, 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
Wear-Free Braking System	Exhaust Brake	Exhaust Brake + Voith SW Retarder	Exhaust Brake + Voith SW Retarder	Exhaust Brake + Voith SW Retarder	High performance engine brake + Voith SW Retarder
Safety System	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Stability Control Assist (ESP), ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Proximity Control Assist, Active Brake Assist 5, Stability Control Assist (ESP), ABS & ASR	Driver Airbag, Seatbelt Monitor, Attention Assist, Lane Keeping Assist, Stability Control Assist (ESP), ABS & ASR	Driver Airbag, Seatbelt Monitor, Active Brake Assist 5, MirrorCam, Attention Assist, Lane Keeping Assist, Stability Control Assist (ESP), ABS & ASR	Driver Airbag, Seatbelt Monitor, Active Brake Assist 5, MirrorCam, Attention Assist, Lane Keeping Assist, Stability Control Assist (ESP), ABS & ASR