The Arocs Range

Product Guide

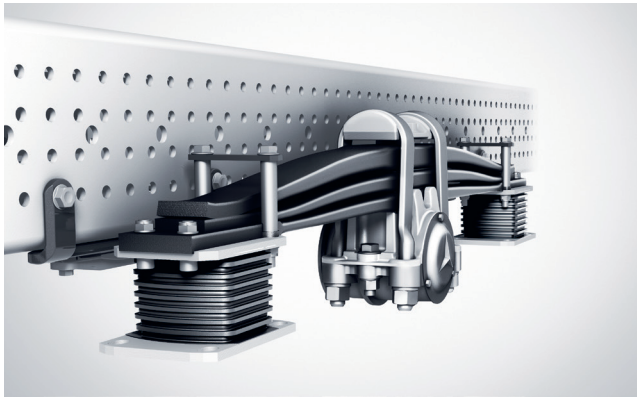
Mercedes-Benz

Trucks you can trust

The new Arocs - Unbridled power, restrained fuel consumption; the truck for distribution & construction application.

Arocs for Distribution.

With independent design and technology matched to its application, the Arocs overcomes the challenges of day-to-day operation with great proficiency. The Arocs makes distribution work noticeably easier and boasts innovative, fuel-saving technology, low overall costs and greater safety. Core Characterstics of the Arocs for Distribution are Reliability, Efficiency and Safety.



Efficient Direct Drive Powershift 3 transmission and hypoid axles.

Low drag and rolling resistance. The design contributes to a low level of aerodynamic drag and thus to reduced fuel consumption.

Lane keeping Assist & Attention Assist are standard on Arocs Distribution Vehicles.

Arocs for Construction

For all types of construction use and every type of construction site. From off-highway applications to concrete mixers and heavy-duty tippers, the on-road, off-road and all-wheel drive variants of the Arocs are true specialists of the construction industry. Thanks to their versatility, they have the right answer for virtually every task and for every segment of the construction industry. With its fuel-efficient engines, quality, outstanding reliability and robustness, the extended service lives of many components, low repair and maintenance costs and its good body-mounting ability the Arocs is the specialist for heavy-duty operations and provides for a particularly economical operation. In short: Mercedes-Benz delivers what the practical realities require: On the construction site and on the road.

Core Characterstics of the Arocs for Construction are Reliability, Robustness and Bodybuilder Friendliness.

In both applications, the new Mercedes-Benz model series impress not only with a comfortable driver workplace, but also with precisely coordinated, application-matched vehicle configurations, fuel-saving, efficient technology and attractive service offers which can increase the overall cost-effectiveness further still.

ClassicSpace L-Cab, 2.30 m, engine tunnel 170 mm.
The comfortable ClassicSpace L-Cab is designed fully for the needs and comfort of the driver in solo operation in 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.The cab also features the newly-developed seat concept with seats that have wider seat cushions. The functional colour concept of the interior design in flannel grey and greige enhances the feeling of well-being.

ClassicSpace M-Cab, 2.30m, engine tunnel 170 mm.
The comfortable ClassicSpace M-Cab is designed fully for the needs and comfort of the driver in solo operation in distribution applications. It is designed on the basis of state-of-the-art ergonomic and safety criteria. The cab also features the newly-developed seat concept with seats that have wider seat cushions. The functional colour concept of the interior design in flannel grey and greige enhances the feeling of well-being.

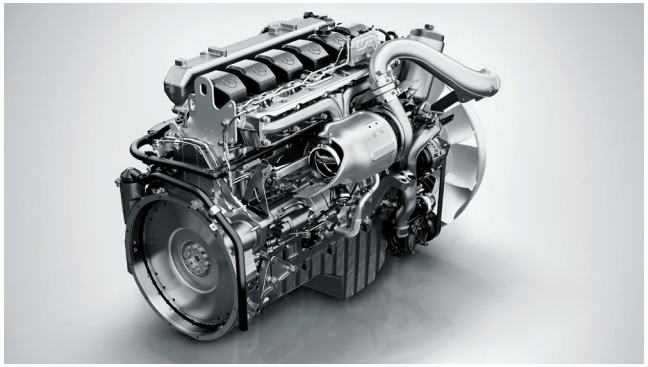
ClassicSpace S-Cab, 2.30m, engine tunnel,170mm.
The comfortable ClassicSpace S-Cab is designed fully for the needs and comfort of the driver in solo operation in distribution and short-haul applications. It is designed on the basis of state-of-the-art ergonomic and safety criteria. It also maximises the space available for body installation behind the cab. The cab also features the newly-developed seat concept with seats that have wider seat cushions. The functional colour concept of the interior design in flannel grey and greige enhances the feeling of well-being.

OM460 Euro III
The OM460 engine has been developed on the basis of tried and tested technology and robust components. The new 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.

OM473 Euro III
If an engine could be described as “heavier than heavy duty”,the OM473 in-line six-cylinder engine from Mercedes-Benz would fit the bill perfectly. 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 commonrail 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 termturbocompound refers to a second turbine located downstream of the exhaust gas turbocharger. It makes useof 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.



The reliable and durable design of the OM460 features particular robust technology such as unit pump-line injectors.

Robust planetary axles for off-road operation.

Modular Layout of the chassis allows for easier body mounting.

Key Specifications

Description	Arocs 2636L/57	Arocs 3336/48	Arocs 3340/48	Arocs 3345/48	Arocs 3352/45
Application	A city & regional distribution vehicle that is optimised for efficiency, featuring direct drive transmission, hypoid axles & side cab air deflectors.	General purpose distribution vehicle	General purpose distribution vehicle	A general purpose distribution vehicle.	A general freight carrier including Timber distribution application.
Wheelbase	5,700 mm	4,800 mm	4,800 mm	4,800 mm	4,500 mm
Rear Overhang	3,150 mm	1,950 mm	1,950 mm	1,950 mm	1,950 mm
Engine	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM460 12.8 l , inline 6	OM473 15.6 l , inline 6
kW/Nm/hp	265kW, 1800Nm, 360hp	265kW, 1800Nm, 360hp	290kW, 1900Nm, 394hp	330kW, 2200Nm, 449hp	380kW, 2600Nm, 517hp
PTO	-	PTO MB 131-2c	PTO MB 131-2c	PTO MB 131-2c	PTO MB 131-2c
Emission	Euro III	Euro III	Euro III	Euro III	Euro III
Gearbox	G211-12 Direct Drive	G330-12	G330-12	G330-12	G330-12
Final Drive Ratio	2.846 Hypoid	4.333	4.333	4.333	4.333
Fuel Capacity	510 L, left	390 L, left	390 L, left	390 L, left	390 L, left
Cabin	L-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	M-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	M-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	M-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	M-cab ClassicSpace, 2.30m, 170mm Engine Tunnel
Air-Deflectors	Cab Side Deflectors	-	-	-	-
Wheel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims
Brakes	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	Drum brakes on front and rear axle
Wear-Free Braking System	Engine Brake	Engine Brake	Engine Brake + Voith SW Retarder	Engine Brake + Voith SW Retarder	High Performance Engine Brake + Voith SW Retarder
Safety Systems	Driver Airbag, Attention Assist, Lane Keeping Assist, ABS & ASR	Driver Airbag, Attention Assist, Lane Keeping Assist, disengageable ABS & ASR	Driver Airbag, Attention Assist, Lane Keeping Assist, disengageable ABS & ASR	Driver Airbag, Attention Assist, Lane Keeping Assist, disengageable ABS & ASR	Driver Airbag, Attention Assist, Lane Keeping Assist, disengageable ABS & ASR

Key Specifications

Description	Arocs 3236B/51	Arocs 3336K/36	Arocs 4145K/51	Arocs 1836AE/45	Arocs 3345AE/45
Application	A robust 8x4 Mixer Chassis, with body-friendly mountings as standard.	Versatile Tipper chassis with a short rear overhang.	A robust 8 x 4 tipper chassis with a secondary water retarder as standard.	A robust, 4x4 single wheel, off-road application truck.	A robust, 6x6 single wheel, off-road application truck.
Wheelbase	5,150 mm	3,600 mm	5,150 mm	4,500 mm	4,500 mm
Rear Overhang	1,000 mm	800 mm	1,000 mm	2,400 mm	1,950 mm
Engine	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
kW/Nm/hp	265kW, 1800Nm, 360hp	265kW, 1800Nm, 360hp	330kW, 2200Nm, 449hp	265kW, 1800Nm, 360hp	330kW, 2200Nm, 449hp
PTO	PTO MB 131-2c + Engine PTO	PTO MB 131-2c	PTO MB 131-2c	PTO MB 131-2c	PTO MB 131-2c
Emission	Euro III	Euro III	Euro III	Euro III	Euro III
Gearbox	G211-12 Direct Drive	G280-16	G280-16	G230-12	G280-16
Final Drive Ratio	3.583 Hypoid	5.333	5.333	4.333	5.333
Fuel Capacity	290 L, left	390 L, left	390 L, left	390 L, left	390 L, left
Cabin	S-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	S-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	S-cab ClassicSpace, 2.30m, 170mm Engine Tunnel	S-cab ClassicSpace, 2.30m, 320mm Engine Tunnel	S-cab ClassicSpace, 2.30m, 320mm Engine Tunnel
Air-Deflectors	-	-	-	-	-
Wheel Rims	Alcoa Aluminium, Dura-Bright	Reinforced,Steel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims	Reinforced,Steel Rims
Brakes	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	Drum brakes on front and rear axle
Wear-Free Braking System	Engine Brake	Engine Brake	Engine Brake + Voith SW Retarder	Engine Brake	Engine Brake + Voith SW Retarder
Safety Systems	Driver Airbag, disengageable ABS & ASR	Driver Airbag, disengageable ABS & ASR	Driver Airbag, disengageable ABS & ASR	Disengageable ABS	Disengageable ABS

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