



Mercedes-Benz Arocs 5 4145 K 8x4/4 BMEX099c

Model:	Mercedes-Benz Arocs 5	Engine power:	330 kW (449 PS)
Vehicle type:	4145 K	Wheelbase:	4550 mm
Drivetrain:	8x4/4	Gross vehicle weight:	42000 kg
Baumuster:	96423112	Steering type:	left
Vehicle type:	Tipper chassis		
Driver cabin:	M-cab		

Equipmentlist

Paint

Cab:	MB 9147	arctic white
Painted trim grille:	MB 9147	arctic white

Equipment

National Version

* >>>>	Basetype
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Chassis version

V1B	Arocs
V1Z	Grounder
V2J	Arocs model generation 5
C2O	Wheelbase 4550 mm

Axle load distribution

W8F	Weight variant 42.0 t (8.0/8.0/13.0/13.0)
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Engine

M3K	Eng. OM460,inline 6, 12.8 l, 330kW (449hp),2200 Nm
Z5L	OM 460
M5W	Engine version, Euro III
M8B	Air intake behind cab, mounted
M8Y	Fuel pre-filter, chassis-mounted, additional
M7V	Cooling output for very hot regions
M7I	Insect screen in front of cooling system
M5U	Exhaust brake, standard system
M6L	Air compressor, 2-cylinder
M0A	Engine mounts, reinforced

Clutch & transmission

G5A	Single-disc clutch
G1J	Transmission G 260-16/11.7-0.69
N6Z	Transmission oil cooling
G0B	Powertrain, 44 t to 80 t
G0R	Transmission support arms, optimised for removal
G5H	Gearshift, manual
N2E	PTO MB 131-2c, pump
Z5M	PTO, single
Z5S	Power take-off, pump, under top edge of frame

Axles & suspension

A1X	Straight front axle, increased ground clearance
A1D	Front axle 8.0 t

A2G	Rear axle, crown wheel 300, planetary, 13.4 t
A6C	Axle ratio $i = 4.833$
Q1X	Front spring, 2 x 8,0 t, 3-leaf
Q3D	Rear spring, 2 x 16.0 t
C6Q	Stabiliser, front axle
C6Y	Stabiliser, under frame, rear axle

Wheels & tyres

R1Q	15-degree tapered rims, 9.00 x 22.5
R8F	Spare wheel carrier, provisional
R8P	Spare wheel/spare wheel rim
R0Z	Wheel-nut cap
1.A.	F18LNA 75 2x 315/80 R 22,5 Regio HD steer Bridgestone R 248
2.A.	F18LNA 75 2x 315/80 R 22,5 Regio HD steer Bridgestone R 248
3.A.	F18LOA 75 4x 315/80 R 22,5 Regio HD drive Bridgestone M798
4.A.	F18LOA 75 4x 315/80 R 22,5 Regio HD drive Bridgestone M798

Frame and components attached to frame

C5J	Mounting parts, for tipper
C0B	Frame overhang 800 mm
C6H	Steering, Servotwin, 4-axle and 9t FA, air
CLW	Steering oil cooling
C6J	Power steering pump, uncontrolled
C7K	Battery carrier, batteries stacked
K0T	Main tank, left
K5A	Tank, 290 l, left, 650 x 565 x 950 mm, steel
K5Q	Fuel screen, tank filler neck
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
K7D	Exhaust system, tailpipe to right and outwards
K7S	Exhaust pipe, curved, above second axle
C8F	Wing, for chassis transit
F7B	Bumper, with steel corners
F7D	Bumper centre section w. towing eyes, coupling jaw
M7J	Guard plate, bumper
C7A	Rear underride guard (ECE)

Brake system

B2A	Disc brakes on front and rear axle
B2E	Disc brakes with full protection
B1B	Electronic braking system with ABS and ASR
B1Z	ABS, disengageable
B1H	Electr. compressed air supply and control, centre
B4A	Condensation monitoring, for compressed air sys.
B4M	Air reservoir, steel
B2X	Parking brake, electronic

Cab exterior

F1B	M-cab ClassicSpace, 2.30 m, tunnel 170 mm
F1Q	M-cab

F2B	Floor variant, tunnel 170 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
F2U	ClassicSpace
F4I	Cab rear wall, with window
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F6C	Windscreen, tinted
D8A	Roof hatch/vent, roof
F4X	Stowage compartment exterior flap, left
F7Y	Cab entrance, left/right, movable
F0Y	Mirror cover, construction vehicle
F6I	Front mirror, heated
F5L	Sun visor, exterior, transparent
F5Y	A-pillar trim
F0G	Side module, N3G vehicle
F8B	2 remote control keys
F8E	Locking system, with central locking

Cab interior

D1C	Driver's suspension seat, comfort
D1N	Fold-up co-driver's seat
D2N	Driver's seat backrest, release mechanism
D2Y	Seat belt monitor
D3Q	Seat cover, velour, driver's seat
D3T	Seat cover, velour, co-driver's seat, centre seat
D3I	Bunk, bottom
J1A	Instrument cluster, 10.4 cm
J1K	Tachograph, 1 day + 2 drivers, modular
E6Z	Reversing buzzer
J6A	Classic Cockpit
J9F	Provision for fitting 12 V radio, retrofit
J2I	Standard loudspeaker
J3R	Truck Data Center 7 (FB Card)
J8Z	Pre-install.for Truck Data Center 7 (FB Card)
E3L	Socket, 24 V/15 A, co-driver footwell
E2J	Automatic cutouts
D6Z	Construction-site filter
D6F	Air conditioning system
D7G	Stowage compartment lid, driver and co-driver side
D0S	Compressed-air connection, in cab

Electrics / electronics

E1B	Batteries 2 x 12 V/170 Ah, low-maintenance
E1M	Alternator, 28 V/150 A
L1I	Fog lamps, LED daytime running lamps
L2R	2 LED rotating beacons
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Z	Cruise control

Superstructure

P0S	Space f.control unit betw. driv.seat & door pocket
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Additional scopes

M0C	Bottom shell to prevent swirling-up of dust
M0Z	Noise regulation acc. to UN-R 51.03, phase 1
S8C	Hazard warning triangle
S8D	Warning lamp
S8E	Reflective safety jacket
Y4A	Telescopic jack, 12 t/19 t
Y4Z	Compressed-air gun, with hose
V0T	Vehicle class N3G, off-road vehicle
V0U	Overhang angle, front, minimum 25 degrees
V0W	Breakover angle, minimum 25 degrees
V0X	Ground clearance under front axle, minimum 250 mm
V0Y	Ground clearance under rear axle, minimum 250 mm
V0Z	Ground clearance between axles, minimum 300 mm
V8N	VIN encoded vehicle data, Mercedes-Benz
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
V8T	Model year 3
X2A	Model identification, acc. to weight variant
X2C	Model plate, Gulf States
X1J	Instrument/labels/documentation, Arabic
X4K	Literature in English, additional
Y6A	Country-specific version
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic

Technical data

Dimensions and weights

Type	
Execution	K
Drivetrain	8x4/4
Wheelbase	4550 mm

Weights	
1. Front axle (empty)	3347 kg
2. Front axle (empty)	3534 kg
1. Rear axle (empty)	1826 kg
2. Rear axle (empty)	1826 kg
kerb weight (incl. SA)	10533 kg
Payload	31467 kg
Gross vehicle weight	42000 kg
Gross combination weight	80000 kg

Engine	
Engine	M3K
Displacement cm ³	12816
Engine output kW / PS	330 / 449
Power/engine torque in NM at 1170 rpm	2200

Tyres	
1st Axle:	2x 315/80 R 22,5
2nd Axle:	2x 315/80 R 22,5
3rd Axle:	4x 315/80 R 22,5
4th Axle:	4x 315/80 R 22,5

Body length	
With max. frame overhang	0 mm
Min. centre of gravity – last axle	./ mm
Max. centre of gravity – last axle	./ mm

Gearbox	
Code	G1J
Short text	Transmission G 260-16/11.7-0.69

Dimensions	
Frame height – FA – laden	1106 mm
Frame height – FA – unladen	1188 mm
Frame height – RA – laden	1112 mm
Frame height – RA – unladen	1171 mm

Kerb weights with driver, Tools, Underride protection (front/rear), spare wheel, 90% of tankful

Technical Data

Technical illustration

