

Mercedes-Benz Arocs 5 4145 B 8x4/4 DMEX031h

Model:	Mercedes-Benz Arocs 5	Engine power:	330 kW (449 PS)
Vehicle type:	4145 B	Wheelbase:	4250 mm
Drivetrain:	8x4/4	Gross vehicle weight:	41000 kg
Baumuster:	96433112	Steering type:	left
Vehicle type:	Truck mixer chassis		
Driver cabin:	S-cab		

Equipmentlist

Paint

Cab:	MB 9147 arctic white
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Equipment

National Version

* >>>>	Basetype
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Chassis version

V1B	Arocs
V1Z	Grounder
V2J	Arocs model generation 5
C2K	Wheelbase 4250 mm

Axle load distribution

W7X	Weight variant 41.0 t (7.5/7.5/13.0/13.0)
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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
N7P	Engine PTO, rear, b, flange 100 mm, 600 Nm
N6E	Coupling, flexible, for engine PTO (loose)
M0A	Engine mounts, reinforced

Clutch & transmission

G5A	Single-disc clutch
G1J	Transmission G 260-16/11.7-0.69
N6Z	Transmission oil cooling
G0R	Transmission support arms, optimised for removal
G5H	Gearshift, manual

Axles & suspension

A1Y	Front axle, straight version
A1C	Front axle 7.5 t
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
A5Y	Axle ratio $i = 4.333$
Q1V	Front spring, 2 x 7.5 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
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.	F18G27 75 4x 315/80 R 22,5 Highway cross country Bridgestone M840 EVO (156/150K)
4.A.	F18G27 75 4x 315/80 R 22,5 Highway cross country Bridgestone M840 EVO (156/150K)
	F18LNA 75 1x 315/80 R 22,5 Regio HD steer Bridgestone R 248

Frame and components attached to frame

C5K	Mounting parts, for concrete mixer
C0L	Frame overhang 1300 mm
C6C	Steering, single-circuit
CLW	Steering oil cooling
C6J	Power steering pump, uncontrolled
C7K	Battery carrier, batteries stacked
K0T	Main tank, left
K1T	Tank, 320 l, left, 735 x 700 x 750 mm, aluminium
Z4P	Tank cross-section, wide
Z4R	Tank cross-section, high
K7D	Exhaust system, tailpipe to right and outwards
K7T	Exhaust pipe, above wing, 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)
Q8D	Tow-away coupling, rear, Ringfeder

Brake system

B2A	Disc brakes on front and rear axle
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

F1A	S-cab ClassicSpace, 2.30 m, tunnel 170 mm
F1P	S-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
F3B	Cab mountings, comfort, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F6C	Windscreen, tinted
D8A	Roof hatch/vent, roof
F7Y	Cab entrance, left/right, movable
F0Y	Mirror cover, construction vehicle
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
D2Y	Seat belt monitor
D3Q	Seat cover, velour, driver's seat
D3T	Seat cover, velour, co-driver's seat, centre seat
D0E	Steering wheel, diameter 500 mm
J1A	Instrument cluster, 10.4 cm
J1Z	Speedometer, deletion, tachograph
E6Z	Reversing buzzer
J6A	Classic Cockpit
J5S	Radio, with USB connection and Bluetooth
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
D0S	Compressed-air connection, in cab

Electrics / electronics

E1B	Batteries 2 x 12 V/170 Ah, low-maintenance
E1M	Alternator, 28 V/150 A
E3W	PSM, 2nd generation
L4Z	Protective grille, metal, for headlamps
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Z	Cruise control

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
Y4A	Telescopic jack, 12 t/19 t

Y4Y	Tyre inflating hose
Y4Z	Compressed-air gun, with hose
Y4J	2 wheel chocks
D0L	Smoker package
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	B
Drivetrain	8x4/4
Wheelbase	4250 mm

Weights	
1. Front axle (empty)	3566 kg
2. Front axle (empty)	3027 kg
1. Rear axle (empty)	1928 kg
2. Rear axle (empty)	1928 kg
kerb weight (incl. SA)	10449 kg
Payload	30551 kg
Gross vehicle weight	41000 kg

Gross combination weight	Trailer operation not permitted for this vehicle. kg
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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
Spare wheel:	1x 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	1061 mm
Frame height – FA – unladen	1143 mm
Frame height – RA – laden	1067 mm

Frame height – RA – unladen	1127 mm
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Kerb weights with driver, Tools, Underride protection (front/rear), spare wheel, 90% of tankful

Technical Data

Technical illustration

