



Mercedes-Benz
Trucks you can trust

Mercedes-Benz Arocs 5 3342 A 6x6

Model:	Mercedes-Benz Arocs 5	Engine power:	310 kW (421 PS)
Vehicle type:	3342 A	Wheelbase:	4500 mm
Drivetrain:	6x6	Gross vehicle weight:	40000 kg
Baumuster:	96401812	Steering type:	left
Vehicle type:	All-wheel chassis		
Driver cabin:	M-cab		



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Equipmentlist

Paint

Cab: MB 9147 arctic white

Equipment

National Version

* >>> Basetype

Chassis version

V1B Arocs

V1Z Grounder

V2J Arocs model generation 5

C2N Wheelbase 4500 mm

Axle load distribution

W7U Weight variant 40.0 t (9.0/16.0/16.0)

Engine

M3J Eng. OM460,inline 6, 12.8 l, 310kW (421hp),2100 Nm

Z5L OM 460

M5W Engine version, Euro III

M8B Air intake behind cab, mounted

M8L Cyclone filter for coarse dust

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

G0R Transmission support arms, optimised for removal

G4D Transfer case VG 2800-3W/1.45-1.04, permanent

G4Z Oil cooler, for transfer case

G5H Gearshift, manual

N2E PTO MB 131-2c, pump

Z5M PTO, single

Z5S Power take-off, pump, under top edge of frame



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Axles & suspension

A1Y	Front axle, straight version
A1E	Front axle 9.0 t
A1W	Differential lock, front axle
A2H	Rear axle, crown wheel 300, planetary, 16.0 t
A6J	Axle ratio $i = 5.333$
Q1Y	Front spring, 9.0 t, 4-leaf
Q2Z	Rear springs, 2 x 18.0 t, hard, axle spac. 1450 mm
C6Q	Stabiliser, front axle

Wheels & tyres

R4X	Wide-base wheel, 10.00W-20, with tube
R8F	Spare wheel carrier, provisional
R8P	Spare wheel/spare wheel rim
R0V	Vehicle adaptation, large tyres
1.A.	HCS 2x 14.00 R 20 Continental
2.A.	HCS 2x 14.00 R 20 Continental
3.A.	HCS 2x 14.00 R 20 Continental

Frame and components attached to frame

C5P	Bolted frame
C9S	Deletion mounting parts, on frame
C0Z	Frame overhang 1950 mm
C6C	Steering, single-circuit
CLW	Steering oil cooling
C6J	Power steering pump, uncontrolled
C7J	Battery carrier, batteries side by side
K0T	Main tank, left
K5A	Tank, 290 l, left, 650 x 565 x 950 mm, steel
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
K7D	Exhaust system, tailpipe to right and outwards
K7F	Exhaust system, offset, for large tyres
C8F	Wing, for chassis transit
F7B	Bumper, with steel corners
F7D	Bumper centre section w. towing eyes, coupling jaw
M7J	Guard plate, bumper
C9Y	Deletion, rear underride guard (ECE)
Q8M	End crossmember lower, reinforced

Brake system

B2B	Drum brakes on front and rear axle
B1A	Electronic braking system with ABS
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



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Cab exterior

F1O	M-cab ClassicSpace, 2.30 m, tunnel 320 mm
F1Q	M-cab
F2C	Floor variant, tunnel 320 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
F2U	ClassicSpace
F4H	Cab rear wall, without window
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F6C	Windscreen, tinted
F8V	Light sensor
D8A	Roof hatch/vent, roof
F4X	Stowage compartment exterior flap, left
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
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
J1H	Instrument cluster, 12.7 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
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
E3W	PSM, 2nd generation
L1C	LED daytime running lamps



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L1W	LED turn signals in light signature
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
S8E	Reflective safety jacket
S8F	Hazard warning triangle, additional
Y4A	Telescopic jack, 12 t/19 t
Y4Y	Tyre inflating hose
Y4Z	Compressed-air gun, with hose
Y4I	1 wheel chock
* O0P	Additional price adjustment
V0T	Vehicle class N3G, off-road vehicle
V8N	VIN encoded vehicle data, Mercedes-Benz
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
V8T	Model year 3
V9G	Technical changes model year October
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



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Technical data

Dimensions and weights

Type	
Execution	A
Drivetrain	6x6
Wheelbase	4500 mm

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

Weights	
1. Front axle (empty)	5986 kg
2. Front axle (empty)	- kg
1. Rear axle (empty)	2588 kg
2. Rear axle (empty)	2588 kg
kerb weight (incl. SA)	11162 kg
Payload	28838 kg
Gross vehicle weight	40000 kg
Gross combination weight	Trailer operation not permitted for this vehicle. kg

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

Dimensions	
Frame height – FA – laden	1231 mm
Frame height – FA – unladen	1337 mm
Frame height – RA – laden	1237 mm
Frame height – RA – unladen	1300 mm

Engine	M3J
Displacement cm ³	12816
Engine output kW / PS	310 / 422
Power/engine torque in NM at 1240 rpm	2100

Tyres	
1st Axle:	2x 14.00 R 20
2nd Axle:	4x 14.00 R 20
3rd Axle:	4x 14.00 R 20

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



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Technical Data

Technical illustration

