



Mercedes-Benz

Mercedes-Benz Arocs 5

4042 A 6x6

Model: Mercedes-Benz Arocs 5

Vehicle type: 4042 A

Drivetrain: 6x6

Baumuster: 96401812

Vehicle type: All-wheel chassis

Driver cabin: M-cab

Engine power: 310 kW (421 PS)

Wheelbase: 4500 mm

Gross vehicle weight: - kg

Steering type: left

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

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
>>>	Differential lock, rear axle
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
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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.	402G21 50 2x 14.00 R 20 (S+G) Highway cross country Pirelli PS 22 (VENTIL KURZ)
2.A.	402G21 50 4x 14.00 R 20 (S+G) Highway cross country Pirelli PS 22 (VENTIL KURZ)
3.A.	402G21 50 4x 14.00 R 20 (S+G) Highway cross country Pirelli PS 22 (VENTIL KURZ)
	402G21 50 1x 14.00 R 20 (S+G) Highway cross country Pirelli PS 22 (VENTIL KURZ)

Frame and components attached to frame

>>>	Hole matrix on frame, continuous
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

>>> End cross member, neutral position

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

>>> Compressed air supply connection, front

B4M Air reservoir, steel

>>> Flashing brake lights during emergency braking

>>> Parking brake, acoustic warning

B2X Parking brake, electronic

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

>>> Cab, reinforced

F2U ClassicSpace

F4H Cab rear wall, without 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

>>> Kerb mirror

F0Y Mirror cover, construction vehicle

F5L Sun visor, exterior, transparent

>>> Air deflectors, corner panels

F5Y A-pillar trim

F0G	Side module, N3G vehicle
F8E	Locking system, with central locking
F9Y	Vehicle key, without transponder
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
>>>	Multifunction steering wheel
>>>	Power windows, all-round
J1A	Instrument cluster, 10.4 cm
J1K	Tachograph, 1 day + 2 drivers, modular
>>>	On-Board Diagnosis
>>>	Travel computer
J6A	Classic Cockpit
>>>	Maintenance system
J9F	Provision for fitting 12 V radio, retrofit
J2I	Standard loudspeaker
* >>>	FleetBoard Eco Support
E3L	Socket, 24 V/15 A, co-driver footwell
>>>	Entrance lamps, in door panel
>>>	Ambient lighting
D6Z	Construction-site filter
D6F	Air conditioning system
>>>	Bottle holder
>>>	Document stowage space, A4 size
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
>>>	Side marker lights
>>>	LED end-outline marker lamp
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
S8A	First aid kit
S8C	Hazard warning triangle
S8D	Warning lamp
S8E	Reflective safety jacket
Y4A	Telescopic jack, 12 t/19 t
Y4Y	Tyre inflating hose
Y4Z	Compressed-air gun, with hose
Y4I	1 wheel chock
V0T	Vehicle class N3G, off-road vehicle
V8B	Chassis number FIN with model year
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
V8R	Model year 1
X2A	Model identification, acc. to weight variant
X2I	Model plate, export
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	A
Drivetrain	6x6
Wheelbase	4500 mm

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

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
Spare wheel:	1x 14.00 R 20

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

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	1 mm
Frame height – FA – unladen	1 mm
Frame height – RA – laden	1 mm
Frame height – RA – unladen	1 mm