



Mercedes-Benz

Mercedes-Benz Arocs 5 3358 AK 6x6

BMEX139 neu

Model:	Mercedes-Benz Arocs 5
Vehicle type:	3358 AK
Drivetrain:	6x6
Baumuster:	96421822
Vehicle type:	All-wheel tipper chassis
Driver cabin:	L-cab
Engine power:	425 kW (578 PS)
Wheelbase:	4200 mm
Gross vehicle weight:	27000 kg
Steering type:	right

Equipmentlist

Paint

Cab:	MB 3534 flame red
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Equipment

National Version

>>>	Basetype
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Chassis version

V1B	Arocs
V1Z	Grounder
V2J	Arocs model generation 5
C2I	Wheelbase 4200 mm

Axle load distribution

W3Z	Weight variant 27.0 t (9.0/9.0/9.0)
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Engine

M3P	Eng. OM473, inline 6, 15.6 l, 425kW (578hp), 2800 Nm
Z5F	OM 473
M5W	Engine version, Euro III
M8B	Air intake behind cab, mounted
M7R	Cooling capacity adequate in cool regions
M7I	Insect screen in front of cooling system
M5V	High Performance Engine Brake
M6L	Air compressor, 2-cylinder
M0A	Engine mounts, reinforced
M5T	Turbocompound

Clutch & transmission

G5A	Single-disc clutch
G2D	Transmission G 280-16/11.7-0.69
N6Z	Transmission oil cooling
G0R	Transmission support arms, optimised for removal
G4E	Transfer case VG 3000-3W, 1.04, engageable
G4Z	Oil cooler, for transfer case
G5G	Mercedes PowerShift 3
G0W	Drive program offroad
N2E	PTO MB 131-2c, pump
N4X	Live PTO, partly clutch-dependent, MB, 1.65
Z5M	PTO, single
Z5S	Power take-off, pump, under top edge of frame
N9U	PTO flange with cross serrations, D=120 mm

Axles & suspension

A1Y	Front axle, straight version
A1E	Front axle 9.0 t
A1W	Differential lock, front axle
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
>>>	Differential lock, rear axle
A6C	Axle ratio $i = 4.833$

Q1Y	Front spring, 9.0 t, 4-leaf
Q3C	Rear spring, 2 x 15.0 t
C6Q	Stabiliser, front axle
C6Y	Stabiliser, under frame, rear axle

Wheels & tyres

R4Z	Wide-base rims, 10.00W-20, tube, single tyres
R8F	Spare wheel carrier, provisional
R8P	Spare wheel/spare wheel rim
1.A.	R02JV1 10 2x 365/85 R 20 Cross country all pos. Continental HCS (MIT SCHLAUCH)
2.A.	R02JV1 10 2x 365/85 R 20 Cross country all pos. Continental HCS (MIT SCHLAUCH)
3.A.	R02JV1 10 2x 365/85 R 20 Cross country all pos. Continental HCS (MIT SCHLAUCH)
	R02JV1 10 1x 365/85 R 20 Cross country all pos. Continental HCS (MIT SCHLAUCH)

Frame and components attached to frame

>>>	Hole matrix on frame, continuous
C5J	Mounting parts, for tipper
C00	Frame overhang 850 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
K5B	Tank, 390 l, left, 650 x 565 x 1250 mm, steel
K5M	Tanks, lockable
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
K7A	Exhaust system, tailpipe vertical
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)
Q7J	Trailer coupling, standard, D40, Ringfeder

Q8F	Hand lever, top, for trailer coupling
Q8M	End crossmember lower, reinforced
>>>	End cross member, neutral position

Brake system

B2B	Drum brakes on front and rear axle
B1B	Electronic braking system with ABS and ASR
B1Z	ABS, disengageable
B1F	Heating, electronic air-processing unit
B1H	Electr. compressed air supply and control, centre
B4A	Condensation monitoring, for compressed air sys.
>>>	Compressed air supply connection, front
B4M	Air reservoir, steel
>>>	Flashing brake lights during emergency braking
B5A	Trailer brake, 2-line, brake connections, left
>>>	Parking brake, acoustic warning
B2X	Parking brake, electronic

Cab exterior

F1R	L-cab
F1T	L-cab ClassicSpace, 2.30 m, tunnel 320 mm
F2C	Floor variant, tunnel 320 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
>>>	Cab, reinforced
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
F4X	Stowage compartment exterior flap, left
F4Y	Stowage compartment exterior flap, right
F7Y	Cab entrance, left/right, movable

>>>	Kerb mirror
F0Y	Mirror cover, construction vehicle
F6I	Front mirror, heated
F5L	Sun visor, exterior, transparent
* >>>	Air deflectors, corner panels
F5Y	A-pillar trim
F6Q	Air horn
F0G	Side module, N3G vehicle
F8B	2 remote control keys
F8E	Locking system, with central locking
F8F	Extended central locking

Cab interior

D1C	Driver's suspension seat, comfort
D1P	Co-driver's suspension seat, comfort
D2M	Co-driver's seat backrest, release mechanism
D2N	Driver's seat backrest, release mechanism
D2W	Armrests on both sides, co-driver's seat
D3Q	Seat cover, velour, driver's seat
D3T	Seat cover, velour, co-driver's seat, centre seat
D3B	Luxury bed, bottom
>>>	Multifunction steering wheel
D4T	Curtain, along side of bed(s)
>>>	Power windows, all-round
J1A	Instrument cluster, 10.4 cm
J1R	Tachograph, digital, EC, rpm, ADR
J1S	Tachograph manufacturer VDO
>>>	On-Board Diagnosis
>>>	Travel computer
E6Z	Reversing buzzer
J6A	Classic Cockpit
>>>	Maintenance system
J2E	Radio with USB connector

J2K	Speaker, 2-way system
>>>	FleetBoard Eco Support
J9D	Provision for fitting toll tracking
J9A	Pre-installation for CB radio, 12 V, DIN slot
E3L	Socket, 24 V/15 A, co-driver footwell
>>>	Entrance lamps, in door panel
>>>	Ambient lighting
D6Z	Construction-site filter
D6M	Auxiliary hot water heater, cab
D6I	Residual engine heat utilisation
D6F	Air conditioning system
>>>	Bottle holder
>>>	Document stowage space, A4 size
D7R	Stowage flaps, above windscreen
D0S	Compressed-air connection, in cab

Electrics / electronics

E1C	Batteries 2 x 12 V/220 Ah, low-maintenance
E1N	Alternator 28 V/100 A
E3W	PSM, 2nd generation
E4C	Additional functions, for body manufacturer
E6A	Trailer socket, 24 V, 15-pin
L4Z	Protective grille, metal, for headlamps
L1H	Fog lamps, halogen
L1Q	Tail lights, construc. in metal holder with grille
>>>	Side marker lights
>>>	LED end-outline marker lamp
S5D	Speed limiter, 100 km/h
S5G	Speed limiter, 120 km/h, yet not confirmed by Mercedes-Benz
S5Z	Cruise control

Superstructure

POS	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
P0Q	Cover, for wheel arch and engine
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
Y4J	2 wheel chocks
D0L	Smoker package
V0T	Vehicle class N3G, off-road vehicle
V5W	Fire-fighting vehicle
V8A	Chassis number FIN
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
X2E	Model plate, EU
Y6A	Country-specific version
Z5W	Right-hand drive
Z5Z	Vehicle, for left-side traffic

Technical data

Dimensions and weights

Type	
Execution	AK
Drivetrain	6x6
Wheelbase	4200 mm

Weights	
1. Front axle (empty)	6496 kg
2. Front axle (empty)	- kg
1. Rear axle (empty)	2253 kg
2. Rear axle (empty)	2253 kg
kerb weight (incl. SA)	11002 kg
Payload	15998 kg
Gross vehicle weight	27000 kg
Gross combination weight	40000 kg

Engine	
Engine	M3P
Displacement cm ³	15569
Engine output kW / PS	425 / 578
Power/engine torque in NM at 1100 rpm	2800

Tyres	
1st Axle:	2x 365/85 R 20
2nd Axle:	2x 365/85 R 20
3rd Axle:	2x 365/85 R 20
Spare wheel:	1x 365/85 R 20

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

Gearbox	
Code	G2D
Short text	Transmissi on G 280- 16/11.7- 0.69

Dimensions	
Frame height – FA – laden	1188 mm
Frame height – FA – unladen	1294 mm
Frame height – RA – laden	1194 mm
Frame height – RA – unladen	1253 mm

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

Technical Data

Technical illustration

