

## Mercedes-Benz Arocs 4 4145 AK

### Vehicle description:

Model:	Mercedes-Benz Arocs 4
Vehicle type:	4145 AK
Drivetrain:	8x8/4
Baumuster:	96423312
Subcategory	26a
Chassis variant:	All-wheel tipper chassis
Cab:	L-Cab
Engine power:	330kW (449 HP)
Wheelbase:	5.450 mm
Gross vehicle weight:	- kg
Steering type:	Left

### Paint:

LZ 1: Cab/null	MB 9147	arctic white
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### Tyres:

1st Axle:	2 x 14.00 R 20	402G51 80
	Michelin	Cross country
2nd Axle:	2 x 14.00 R 20	402G51 80
	Michelin	Cross country
3rd Axle:	2 x 14.00 R 20	402G51 80
	Michelin	Cross country
4th Axle	2 x 14.00 R 20	402G51 80
	Michelin	Cross country
Spare wheel:	1 x 14.00 R 20	402G51 80
	Michelin	Cross country

### Vehicle equipment:

#### Standard equipment:

A1Y	Front axle, straight version
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
	Differential lock, rear axle
B1A	Electronic braking system with ABS
B1D	Electronic air-processing unit, medium
B1Z	ABS, disengageable
B2B	Drum brakes on front and rear axle
B4M	Air reservoir, steel
	Flashing brake lights during emergency braking

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	Parking brake, acoustic warning
	Compressed air supply connection, front
C6J	Power steering pump, uncontrolled
C6Q	Stabiliser, front axle
C6Y	Stabiliser, under frame, rear axle
CLW	Steering oil cooling
	Hole matrix on frame, continuous
D0S	Compressed-air connection, in cab
D1B	Driver's suspension seat, standard
D1N	Fold-up co-driver's seat
D3X	Seat cover, flat-weave fabric
D6Z	Construction-site filter
	Multifunction steering wheel
	Bottle holder
	Power windows, all-round
	Entrance lamps, in door panel
	Document stowage space, A4 size
DUPO	Basetype
E1N	Alternator 28 V / 100 A
E3L	Socket, 24 V / 15 A, co-driver footwell
F0G	Side module, N3G vehicle
F0Y	Mirror cover, construction vehicle
F2C	Floor variant, tunnel 320 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F5Y	A-pillar trim
F6C	Windscreen, tinted
F7B	Bumper, with steel corners
F7D	Bumper centre section w. towing eyes, coupling jaw
F7Y	Cab entrance, left/right, movable
F8A	2 vehicle keys
F8E	Locking system, with central locking
	Cab, reinforced
	Air deflectors, corner panels
	Kerb mirror
G0R	Transmission support arms, optimised for removal
G0W	Drive program offroad
G4D	Trans/er case VG 2800-3W / 1.45-1.04, permanent
G5G	Mercedes PowerShift 3
J1A	Instrument cluster, 10.4 cm
J1K	Tachograph, 1 day + 2 drivers, modular
	On-Board Diagnosis
	Travel computer
	Display, trailer data, in instrument panel
	FleetBoard Eco Support

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	Maintenance system
K0T	Main tank, left
K3T	AdBlue tank, 25 l
K7B	Exhaust syst., outlet downwards, fans out to right
K7P	Exhaust system, bracket two-piece
K7R	Exhaust pipe, straight, above second axle
	Side marker lights
	Ambient lighting
	LED end-outline marker lamp
M0C	Bottom shell to prevent swirling-up of dust
M3B	Eng. OM471, inline 6, 12.8l, 330kW (449hp), 2200 Nm
M5B	2. Engine generation OM471
M5U	Exhaust brake, standard system
M6L	Air compressor, 2-cylinder
M7I	Insect screen in front of cooling system
M7J	Guard plate, bumper
M7U	Cooling output for hot regions
M8B	Air intake behind cab, mounted
N6Z	Transmission oil cooling
P0S	Space f. control unit betw. driv.seat & door pocket
	End cross member, neutral Position
S5Z	Cruise control
V0T	Vehicle class N3G, off-road vehicle
V1B	Arocs
V1Z	Grounder
V2I	Arocs model generation 1
V8A	Chassis number FIN
X2I	Model plate, export
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
Y4Z	Compressed-air gun, with hose
Y6A	Country-specific version
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
Z5E	OM 471
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic

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### Special equipment:

A1E	Front axle 9 .o t
A1W	Differential lock, front axle
A6J	Axle ratio i = 5.333
B0A	Pipe fracture protection, for braking system
B1F	Heating, electronic air-processing unit
B4A	Condensation monitoring, for compressed air sys.
C0F	Frame overhang 1000 mm
C3G	Wheelbase 5450 mm
C5P	Bolted frame
C6H	Steering, Servotwin, 4-axle
C7I	Battery carrier cover, lockable
C7J	Battery carrier, batteries side by side
C8T	Deletion, wings for chassis transit
C9S	Deletion mounting paits, on frame
C9U	Deletion, wings at 2nd front axle
C9Y	Deletion, rear underride guard (ECE)
D0L	Smoker package
D0U	Smoke detector, in cab
D2N	Driver's seat backrest, release mechanism
D2Y	Seat belt monitor
D3B	luxury bed, bottom
D3F	Luxury bed, top, narrow
D6F	Air conditioning system
D6I	Residual engine heat utilisation
D6N	Hot-water auxiliary heater, cab and engine
D7A	Heat insulation, additional
D8N	Tilting sunroof, electric
E1C	Batteries 2 x 12 V / 220 Ah, low-maintenance
E2J	Automatic cutouts
E3E	Additional socket, 12 V / 15 A, co-driver footwell
E3Y	PSM, body and trailer CAN, ISO 11992
E3Z	PSM, body CAN, ISO 11898 instead of 11992
E5A	No. 1 switch, for non-MB body electrics
E5G	Battery disconnect switch outside, on frame
E6Z	Reversing buzzer
E9E	Provision, ADR, without chassis shielding
F1R	L-cab
F1W	L-cab, StrnamSpace, 2.30 m, tunnel 320 mm
F2W	StreamSpace
F3E	Cab mountings, rear, reinforced
F3Z	Hydraulic tilting mechanism oil, below -25 degrees
F4H	Cab rear wall, without window
F4X	Stowage compartment exterior flap, left
F4Y	Stowage compartment exterior flap, right
F5L	Sun visor, exterior, transparent

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F6I	Front mirror, heated
F6R	Air horns, cab roof
G2D	Transmission G 280-16/11.7-0.69
G5B	Double-disc clutch
J2E	Radio with USB connector
J2I	Standard loudspeaker
K1C	Tank, 290 l, left, 650 x 565 x 950 mm, aluminium
K5M	Tanks, lockable
K5Q	Fuel screen, tank filler neck
K5S	Protective cap for AdBlue metering system
L0Y	Tail lamps wiring harness, extended
L1H	Foglamps, halogen
L4Z	Protective grille, metal, for headlamps
M0A	Engine mounts, reinforced
M0U	Noise encapsulation, special package
M5C	Engine version Euro VI, D
M8L	Cyclone filter for coarse dust
M8Y	Fuel pre-filter, chassis-mounted, additional
M9A	Pre-installation, pre-heating, engine coolant
N6U	Deletion, tipper drive
Q1W	Front spring, 2 x 9.0 t, 4-leaf
Q3B	Rear springs, 2 x 13.0 t, for axle spacing 1450 mm
Q8E	Tow-away coupling, rear, Rockinger
Q8R	End cross-member, reinforced
R0V	Vehicle adaptation, large tyres
R4Z	Wide-base rims, 10.00W-20, tube, single tyres
R8F	Spare wheel carrier, provisional
R8P	Spare wheel/spare wheel rim
S5C	Speed limiter, 85 km/h
S8A	First aid kit
S8B	Fire extinguisher, 2 kg
S8C	Hazard warning triangle
S8D	Warning lamp
S8E	Reflective safety jacket
W6Y	Weight variant 36.0 t (9.0/9.0/9.0/9.0)
X1K	Instrument / labels / documentation, Russian
X2V	Inner /outer turn. circle not as per ECE dir.
Y4A	Telescopic jack, 12 t/ 19 t
Y4J	2 wheel checks
Y4P	Tyre pressure gauge, digital
Y4S	Spare bulbs, in box
Y4W	Tool kit, extended
Y4X	Tyre inflating hose, 25 m
Z9K	Cold Climate Pack Classic

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### Equipment overview:

#### Standard equipment:

A1Y; A2G; B1A; B1D; B1Z; B2B; B4M; C6J; C6O; C6Y; CLW; D0S; D1B; D1N; D3X; D6Z; DUPO; E1N; E3L; F0G; F0Y; F2C; F2G; F2N; F3A; F3W; F5Y; F6C; F7B; F7D; F7Y; F5A; F8E; G0R; G0W; G4D; G5G; J1A; J1K; K0T; K3T; K7B; K7P; K7R; M0C; M3B; M5B; M5U; M6L; M7I; M7J; M7U; M5B; N6Z; P0S; S5Z; V0T; V1B; V1Z; V2I; V8A; X2I; X3Z; Y4Z; Y6A; Z4O; Z4O; Z5E; Z5X; Z5Y;

#### Special equipment:

A1E; A1W; A6J; B0A; B1F; 84A; C0F; C3G; C5P; C6H; C7I; C7J; C8T; C9S; C9U; C9Y; D0L; D0U; D2N; D2Y; D3B; D3F; D6F; D6I; D6N; D7A; D8N; E1C; E2J; E3E; E3Y; E3Z; E5A; E5G; E6Z; E9E; F1R; F1W; F2W; F3E; F3Z; F4H; F4X; F4Y; F5L; F6I; F6R; G2D; G5B; J2E; J2I; K1C; K5M; K5O; K5S; L0Y; L1H; L4Z; M0A; M0U; M5C; M5L; M8Y; M9A; N6U; Q1W; Q3B; Q8E; Q8R; R0V; R4Z; R5F; R8P; S5C; S8A; S8B; S8C; S8D; S8E; W6Y; X1K; X2V; Y4A; Y4J; Y4P; Y4S; Y4W; Y4X; Z9K;

#### Additional equipment:

AJCTP	Wheelbase 7850 mm
JCXX	Extension of wheelbase
AJX2V	Inner/outer turn. Circle not as per ECE dir.
JZYS	Static measurements required (homologation)