



Mercedes-Benz  
Trucks you can trust

## Mercedes-Benz Arocs 5 4145 K 8x4

Model:	Mercedes-Benz Arocs 5	Engine power:	330 kW (449 PS)
Vehicle type:	4145 K	Wheelbase:	4550 mm
Drivetrain:	8x4/4	Gross vehicle weight:	41000 kg
Baumuster:	96423112	Steering type:	left
Vehicle type:	Tipper chassis		
Driver cabin:	M-cab		



Mercedes-Benz  
Trucks you can trust

# Equipmentlist

## Paint

Cab: MB 9147 arctic white

## Equipment

### National Version

\* >>> Basetype

### Chassis version

V1B Arocs

V1Z Grounder

V2J Arocs model generation 5

C2O Wheelbase 4550 mm

### Axle load distribution

W7X Weight variant 41.0 t (7.5/7.5/13.0/13.0)

### 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

M0A Engine mounts, reinforced

### Clutch & transmission

G5A Single-disc clutch

G1J Transmission G 260-16/11.7-0.69

N6Z Transmission oil cooling

G0B Powertrain, 44 t to 80 t

G0R Transmission support arms, optimised for removal

G5H Gearshift, manual

N2E PTO MB 131-2c, pump

Z5M PTO, single

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

### Axles & suspension

A1X Straight front axle, increased ground clearance

A1C Front axle 7.5 t



Mercedes-Benz  
Trucks you can trust

A2G	Rear axle, crown wheel 300, planetary, 13.4 t
* >>>	Differential lock, rear axle
A6C	Axle ratio i = 4.833
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
R0Z	Wheel-nut cap
1.A.	F18LNA 91 2x 315/80 R 22,5 Regio HD steer Goodyear KMAX S EXTREME
2.A.	F18LNA 91 2x 315/80 R 22,5 Regio HD steer Goodyear KMAX S EXTREME
3.A.	F18LOA 91 4x 315/80 R 22,5 Regio HD drive Goodyear KMAX D EXTREME
4.A.	F18LOA 91 4x 315/80 R 22,5 Regio HD drive Goodyear KMAX D EXTREME

#### Frame and components attached to frame

* >>>	Hole matrix on frame, continuous
C5J	Mounting parts, for tipper
C0B	Frame overhang 800 mm
C6C	Steering, single-circuit
CLW	Steering oil cooling
C6J	Power steering pump, uncontrolled
C7K	Battery carrier, batteries stacked
K0T	Main tank, left
K5A	Tank, 290 l, left, 650 x 565 x 950 mm, steel
K5Q	Fuel screen, tank filler neck
Z4O	Tank cross-section, narrow
Z4Q	Tank cross-section, low
K7D	Exhaust system, tailpipe to right and outwards
K7S	Exhaust pipe, curved, above 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)
* >>>	End cross member, neutral position

#### Brake system

B2A	Disc brakes on front and rear axle
B2E	Disc brakes with full protection
B1B	Electronic braking system with ABS and ASR
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



Mercedes-Benz  
Trucks you can trust

---

B2X Parking brake, electronic

---

Cab exterior

---

F1B M-cab ClassicSpace, 2.30 m, tunnel 170 mm

---

F1Q M-cab

---

F2B Floor variant, tunnel 170 mm

---

F2G Cab width 2.30 m

---

F2N Cab, 600 mm attachment height

---

\* >>> Cab, reinforced

---

F2U ClassicSpace

---

F4I Cab rear wall, with 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

---

F6I Front mirror, heated

---

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

---

D1B Driver's suspension seat, standard

---

D1N Fold-up co-driver's seat

---

D2N Driver's seat backrest, release mechanism

---

D2Y Seat belt monitor

---

D3X Seat cover, flat-weave fabric

---

D3I Bunk, bottom

---

D0E Steering wheel, diameter 500 mm

---

\* >>> 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

---

E6Z Reversing buzzer

---

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

---



Mercedes-Benz  
Trucks you can trust

* >>>	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
* >>>	Side marker lights
* >>>	LED end-outline marker lamp
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Z	Cruise control

#### Superstructure

P0S	Space f.control unit betw. driv.seat & door pocket
-----	--

#### 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
Y4A	Telescopic jack, 12 t/19 t
Y4Z	Compressed-air gun, with hose
V0T	Vehicle class N3G, off-road vehicle
V0U	Overhang angle, front, minimum 25 degrees
V0V	Overhang angle, rear, 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
V8R	Model year 1
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



Mercedes-Benz  
Trucks you can trust

# Technical data

## Dimensions and weights

Type	
Execution	K
Drivetrain	8x4/4
Wheelbase	4550 mm

Weights	
1. Front axle (empty)	3337 kg
2. Front axle (empty)	3518 kg
1. Rear axle (empty)	1781 kg
2. Rear axle (empty)	1781 kg
kerb weight (incl. SA)	10417 kg
Payload	30583 kg
Gross vehicle weight	41000 kg
Gross combination weight	40000 kg

Engine	M3K
Displacement cm <sup>3</sup>	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	Transmissio n G 260- 16/11.7- 0.69

Dimensions	
Frame height – FA – laden	1106 mm
Frame height – FA – unladen	1197 mm
Frame height – RA – laden	1112 mm
Frame height – RA – unladen	1171 mm

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



Mercedes-Benz  
Trucks you can trust

# Technical Data

Technical illustration

