



Mercedes-Benz
Trucks you can trust

Mercedes-Benz Arocs 5 4145 K 8x4 + Meiller rear-way tipper H436 20m3

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		



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Equipmentlist

Paint

Cab:	MB 9147 arctic white
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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



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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



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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



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* >>>	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
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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
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



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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 ³	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	Transmission 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



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Meiller rear-way tipper H436 20m3

- Volumen: 20m3
- Dimensions: Length / Width / Height (5.500 / 2.300 / 1.700)
- Meiller Hydraulic
- Body floor: 8mm BS 50
- Side walls: 6mm BS 50
- Rear wall: 6mm BS 70
- Rear wall swinging with locking system
- Spare wheel holder
- ½ mudguards plastic
- Painted in arctic white