



Mercedes-Benz

## **Mercedes Benz Arocs 4142 B 8X4**

Model:	Mercedes-Benz Arocs 4
Vehicle type:	4142 B
Drivetrain:	8X4/4
Modell:	96433112
Vehicle type:	Truck mixer chassis
Driver cabin:	S-Cab
Engine power:	310 kW (421 hp)
Wheelbase:	5150 mm
Gross vehicle weight:	42000 kg ( tech )
Steering type:	left

## Equipmentlist

### Paint

Driver's cab:	MB 9147 arctic white
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### Equipment

#### **Chassis version**

V1B Arocs
V1Z Grounder
C2Y Wheelbase 5150mm

#### **Axle load distribution**

RDW Weight variant 39.0 t (10.0/10.0/9.5/9.5)
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#### **Engine**

M3A Engine, OM471, R6, 12,8 L, 310 kW (421 hp), 2100 NM
M5B 2 <sup>nd</sup> generation engine OM471
Z5E OM 471
M5M engine version Euro 6, with OBD-C
M8B Air intake behind cab, mounted
M8L Cyclone pre-filter
M8Y Fuel pre-filter, chassis-mounted, additional
M7I Insect screen in front of cooling system
M5U Engine brake, standard system
M6L Air press, 2-cylinder
N7I Engine takeoff, rear, b, flange 100mm, 650Nm
N6E Coupling, flexible, for engine takeoff

### **Clutch & transmission**

G5A	Single-disc clutch
G2C	Transmission G 230-12/11,7-0,78
G0R	Transmission support arms, optimised for removal
G0W	Drive Program offroad
G5G	Mercedes PowerShift 3
N6Z	Transmission oil cooling

### **Axles & suspension**

A1Y	Front axle, straight version
NL	Upgraded Front axle, 10,0 t
A2G	Rear axle, crown wheel 300, planetary, 13,4 t
A5W	Axle ratio i= 4,143
NL	Upgraded Front spring 2x 10,0 t, 4-leaf
Q3C	Rear spring, 2x 15t,
C6Q	Stabiliser, front axle
C6Y	Stabilisier, under frame, rear axle

### **Wheels & tyres**

R1Q	Tapered rims 9.00 x 22,5
R8F	Spare wheel carrier, provisional
R8P	Spare wheel / rim
R9Y	Deletion wheel nut cap
1.A.	F18K29 35 3x 385/65R22,5 TL (S+G) highway/ terrain "K"
2.A.	F18K29 35 2x 385/65R22,5 TL (S+G) highway/ terrain "K"
3.A.	F18L28 35 4x 315/80R22,5 TL (S+G) highway/ terrain "L"
4.A.	F18L28 35 4x 315/80R22,5 TL (S+G) highway/ terrain "L"

### **Frame and components attached to frame**

C5K	Mounting parts, for concrete mixer
C0F	Frame overhang 1000mm
C6H	Steering, servo-twin, 4-axle
C6J	Power steering pump, uncontrolled
C7A	Rear underride guard ( ECE )
C7J	Battery carrier, batteries side by side
C8T	Deletion, wings for chassis transit
C9U	Deletion, wings on 2 <sup>nd</sup> axle
K0T	Main tank, left
K1C	Tank 290L, left, 650 x 565 x 950mm, alloy
K3T	Ad Blue tank 25l
K5M	tanks, lockable
K5Q	Fuel screen, filler neck
Z4O	Tank cross-section narrow
Z4Q	Tank cross-section, low
K7D	Exhaust system, tailpipe to right and outwards right
K7R	Exhaust pipe, straight, above 2 <sup>nd</sup> axle
F7B	Bumper, with steel corners
F7C	Bumper centre section with towing eyes

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M7J Protection plate under bumper

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**Brake system**

B2A Disc brakes on front axle and rear axle

B1B EPB with ABS and ASR

B1Z ABS, disengageable

B1D Electronic air-processing unit, medium

B1F Heating, electronic air-processing unit

B4M All compressed air tanks, steel

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**Cab exterior**

F1A S-cab ClassicSpace, 2,30M, tunnel 170 mm

F1P S-Cab

F2B Floor variant, tunnel 170mm

F2G Cab width 2,30m

F2N Cab, 600 mm attachment height

F2U ClassicSpace

F4I Cab rear wall, with window

F3A Cab mountings, standard, steel-sprung

F3W Cab tilting mechanism, mechanical-hydraulic

F4I cab rear wall , with window

F5Y A-pillar trim

F6C Windscreen, tinted

F0G Side module, N3G vehicle

F0Y Mirror cover

D8A Roof hatch / vent, roof

F7Y Cab entrance, left / right, moveable

F6I Front mirror, heated

F8E Locking system, with central locking

F9Y Keys without transponder

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**Cab interior**

D1B Driver's suspension seat, standard

D1N Fold-up co-driver's seat

D3X Seat cover, flat-weave fabric

J1A Instrument cluster, 10,4cm

J1R Tachograph digital, EC, rpm, ADR

J1S Tachograph manufacturer VDO

J2E Radio, with USB connector

J2I Speaker, standard

E3E Additional socket 12V / 15 A, co-driver footwell

E3L Socket 24V / 15A, co-driver footwell

D0L Smoker package

D6Z Construction filter

D6F Air conditioning system

D0S Compressed air-connection, in cab

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**Electrics / electronics**

E1B Batteries 2x12 V/170Ah, low-maintenance

E1N Alternators 28V/100A

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E3Y	PSM, body and trailer CAN,ISO 11992
E6Z	Reversing warning device
L1B	Daytime driving lamps
S5A	Speed limiter, 90 km/h / 56mph, ECE
S5Z	Cruise control

**Additional scopes**

M0C	Bottom shell to prevent swirling up of dust
M0Z	Noise encapsulation in accordance with ECE NGL
P0Q	Cover, engine and wheel housing
P0W	Cover, aggregates
S8A	First aid kit
S8C	Hazard warning triangle
S8H	Fire extinguisher, 6 kg
Y4A	Telescopic jack, 12t/19t
Y4Y	Tyre inflating hose
Y4Z	Compressed air-gun, with hole
V0T	Vehicle class N3G, off road vehicle
V0U	Front overhang, angle at least 25 degrees
V0V	Rear overhang, angle at least 25 degrees
V0W	Ramp angle, at least 25degrees
V0X	Ground clearance under front axle at least 250mm
V0Y	Ground clearance under rear axle at least 250mm
V0Z	Ground clearance between axles, at least 300mm
V1Z	grunder
V8A	Chassis number FIN
X3V	Warranty as per T and Cs 2yrs
V2I	Arocs, Model generation 1
Z3Z	Export-Code
Z5X	Left-hand drive
Z5Y	Vehicle, for right-side traffic