



Mercedes-Benz

Mercedes-Benz Arocs 5

2036 A 4x4

Model: Mercedes-Benz Arocs 5

Vehicle type: 2036 A

Drivetrain: 4x4

Baumuster: 96400812

Vehicle type: All-wheel chassis

Driver cabin: S-cab

Engine power: 265 kW (360 PS)

Wheelbase: 4500 mm

Gross vehicle weight: 20500 kg

Steering type: left

Equipmentlist

Paint

Cab: MB 9147 arctic white

Equipment

National Version

>>> Basetype

Chassis version

V1B Arocs

V1Z Grounder

V2J Arocs model generation 5

C2N Wheelbase 4500 mm

Axle load distribution

W1L Weight variant 22.0 t (9.0/13.0)

Engine

M3H Eng. OM460, inline 6, 12.8 l, 265kW (360hp), 1800 Nm

Z5L OM 460

M5W Engine version, Euro III

M8B Air intake behind cab, mounted

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

G2C Transmission G 230-12/11.7-0.78

N6Z Transmission oil cooling

G0R Transmission support arms, optimised for removal

G4D Transfer case VG 2800-3W/1.45-1.04, permanent

G4Z Oil cooler, for transfer case

G5G Mercedes PowerShift 3

G0W Drive program offroad

N2E PTO MB 131-2c, pump

Z5M PTO, single

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

Axles & suspension

A1Y Front axle, straight version

A1E Front axle 9.0 t

A2G Rear axle, crown wheel 300, planetary, 13.4 t

>>> Differential lock, rear axle

A5Y Axle ratio $i = 4.333$

Q1Y Front spring, 9.0 t, 4-leaf

Q2V Rear spring, 13.0 t, hard

C6Q Stabiliser, front axle

C6Y Stabiliser, under frame, rear axle

Wheels & tyres

R1T 15-degree tapered rims, 11.75 x 22.5, front axle

R1Q 15-degree tapered rims, 9.00 x 22.5

R8F Spare wheel carrier, provisional

R8P Spare wheel/spare wheel rim

1.A. W48G26 75 2x 385/65 R 22,5 (S+G) Highway cross country Bridgestone M748 EVO

2.A. F18G26 75 4x 315/80 R 22,5 (S+G) Highway cross country Bridgestone L355 EVO

F18G26 75 1x 315/80 R 22,5 (S+G) Highway cross country Bridgestone L355 EVO

Frame and components attached to frame

>>> Hole matrix on frame, continuous

C5I Mounting parts, for platform

C4C Frame overhang 2100 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

K5A Tank, 290 l, left, 650 x 565 x 950 mm, steel

Z4O Tank cross-section, narrow

Z4Q Tank cross-section, low

K7D Exhaust system, tailpipe to right and outwards

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)

Q8M End crossmember lower, reinforced

>>> End cross member, neutral position

Brake system

| | |
|-----|---|
| B2B | Drum brakes on front and rear axle |
| B1A | Electronic braking system with ABS |
| 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 |
| B2X | Parking brake, electronic |

Cab exterior

| | |
|-----|---|
| F1P | S-cab |
| F1S | S-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 |
| F4H | Cab rear wall, without window |
| F3A | Cab mountings, standard, steel-sprung |
| F3W | Cab tilting mechanism, mechanical-hydraulic |
| F6C | Windscreen, tinted |
| D8A | Roof hatch/vent, roof |
| 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 |
| F8B | 2 remote control keys |

F8E Locking system, with central locking

Cab interior

D1B Driver's suspension seat, standard

D1N Fold-up co-driver's seat

D2Y Seat belt monitor

D3X Seat cover, flat-weave fabric

>>> 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

J6A Classic Cockpit

>>> Maintenance system

J2I Standard loudspeaker

>>> FleetBoard Eco Support

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

>>> Entrance lamps, in door panel

>>> Ambient lighting

D6Z Construction-site filter

D6F Air conditioning system

>>> Bottle holder

>>> Document stowage space, A4 size

D0S Compressed-air connection, in cab

Electrics / electronics

E1B Batteries 2 x 12 V/170 Ah, low-maintenance

E1M Alternator, 28 V/150 A

E3W PSM, 2nd generation

>>> Side marker lights

>>> LED end-outline marker lamp

L2R 2 LED rotating beacons

S5A Speed limiter, 90 km/h (56 mph), ECE

S5Z Cruise control

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

V8B Chassis number FIN with model year

X3Z Powertrain warranty as per T and Cs 3yrs/250,000km

V8R Model year 1

X2I Model plate, export

X1J Instrument/labels/documentation, Arabic

X4K Literature in English, additional

Y6A Country-specific version

Z5X Left-hand drive

Z5Y Vehicle, for right-side traffic

Technical data

Dimensions and weights

| Type | |
|------------|---------|
| Execution | A |
| Drivetrain | 4x4 |
| Wheelbase | 4500 mm |

| Weights | |
|--------------------------|----------|
| 1. Front axle (empty) | 5569 kg |
| 2. Front axle (empty) | - kg |
| 1. Rear axle (empty) | 2871 kg |
| 2. Rear axle (empty) | - kg |
| kerb weight (incl. SA) | 8440 kg |
| Payload | 12060 kg |
| Gross vehicle weight | 20500 kg |
| Gross combination weight | 44000 kg |

| | |
|--|-----------|
| Engine | M3H |
| Displacement cm ³ | 12816 |
| Engine output kW / PS | 265 / 360 |
| Power/engine torque in NM at 1117 rpm | 1811 |

| Tyres | |
|-----------------|------------------|
| 1st Axle: | 2x 385/65 R 22,5 |
| 2nd 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 | G2C |
| Short text | Transmissio n G 230- 12/11.7- 0.78 |

| Dimensions | |
|-----------------------------|---------|
| Frame height – FA – laden | 1161 mm |
| Frame height – FA – unladen | 1267 mm |
| Frame height – RA –laden | 1167 mm |
| Frame height – RA – unladen | 1294 mm |

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

Technical Data

Technical illustration

