

Mercedes-Benz Actros 5 BM 964 3342 S 6x4

Model:	Mercedes-Benz Actros 5 BM 964
Vehicle type:	3342 S
Drivetrain:	6x4
Baumuster:	96441612
Vehicle type:	Semitrailer tractor
Driver cabin:	ClassicSpace 2,3 - 170
Engine power:	310 kW (421 PS)
Wheelbase:	3300 mm
Gross vehicle weight:	33000 kg
Steering type:	left

Paint

Cab:	MB 9147 arctic white
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Equipment

National Version

>>>	Basetype
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Chassis version

V1I	Actros BM964
V1Z	Grounder
V3L	Actros BM964 model generation 5
C1K	Wheelbase 3300 mm

Axle load distribution

W5W	Weight variant 33.0 t (7.5/13.0/13.0)
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Engine

M3J	Eng. OM460, inline 6, 12.8 l, 310kW (421hp), 2100 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
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
A2G	Rear axle, crown wheel 300, planetary, 13.4 t
>>>	Differential lock, rear axle
A6C	Axle ratio $i = 4.833$
Q1M	Front spring, 7.5 t, 3-leaf
Q3A	Rear spring, 2 x 13.0 t
C6Q	Stabiliser, front axle

Wheels & tyres

R1Q	15-degree tapered rims, 9.00 x 22.5
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R8 F	Spare wheel carrier, provisional
R8 P	Spare wheel/spare wheel rim
1.A	F18L16 10 2x 315/80 R 22,5 Highway Continental Hybrid HS3(M)
2.A	F18L76 13 4x 315/80 R 22,5 Traction (M+S) Continental HDR2 ED (154/150 M)
3.A	F18L76 13 4x 315/80 R 22,5 Traction (M+S) Continental HDR2 ED (154/150 M)
	F18L16 10 1x 315/80 R 22,5 Highway Continental Hybrid HS3(M)

Frame and components attached to frame

>>>	Hole matrix on frame, continuous
C5B	Step plate above frame, partial cover
C0A	Frame overhang 750 mm
C6C	Steering, single-circuit
CLW	Steering oil cooling
C6J	Power steering pump, uncontrolled
H8X	Multi-battery carrier, batteries side by side
K0T	Main tank, left
K1V	Tank, 430 l, left, 735 x 700 x 1000 mm, aluminium
Z4P	Tank cross-section, wide
Z4R	Tank cross-section, high
K7D	Exhaust system, tailpipe to right and outwards
C8F	Wing, for chassis transit
F7B	Bumper, with steel corners
F7C	Bumper centre section with towing eyes
M7J	Guard plate, bumper
>>>	End cross member, neutral position
Q6W	Fifth wheel angle, extended, h = 50 mm
>>>	fifth wheel coupling 2", with mounting plate

Brake system

B2A	Disc brakes on front and rear axle
B2D	Cover plate for brake discs
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
B5I	Brake and electrical connections, high
>>>	Parking brake, acoustic warning
B2X	Parking brake, electronic
Cab exterior	
F1D	L-cab ClassicSpace, 2.30 m, tunnel 170 mm
F1R	L-cab
F2E	Floor var. tunnel 170mm, for stowage compart. left
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
F4X	Stowage compartment exterior flap, left
F4Y	Stowage compartment exterior flap, right
C5D	Step, behind cab, left
F7Y	Cab entrance, left/right, movable
>>>	Kerb mirror
F0X	Mirror cover, on-road vehicle
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

D1C	Driver's suspension seat, comfort
D1N	Fold-up co-driver's seat
D2N	Driver's seat backrest, release mechanism
D3Q	Seat cover, velour, driver's seat
D3T	Seat cover, velour, co-driver's seat, centre seat
D3B	Luxury bed, bottom
>>>	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
J2E	Radio with USB connector
J2I	Standard loudspeaker
* >>>	FleetBoard Eco Support
E3L	Socket, 24 V/15 A, co-driver footwell
>>>	Entrance lamps, in door panel
>>>	Ambient lighting
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
E6A	Trailer socket, 24 V, 15-pin
>>>	Side marker lights
>>>	LED end-outline marker lamp

S5A	Speed limiter, 90 km/h (56 mph), ECE
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S5Z	Cruise control
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Additional scopes

M0C	Bottom shell to prevent swirling-up of dust
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M0Z	Noise regulation acc. to UN-R 51.03, phase 1
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S8A	First aid kit
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S8C	Hazard warning triangle
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S8D	Warning lamp
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S8E	Reflective safety jacket
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Y4A	Telescopic jack, 12 t/19 t
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Y4Y	Tyre inflating hose
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Y4Z	Compressed-air gun, with hose
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V0T	Vehicle class N3G, off-road vehicle
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V0U	Overhang angle, front, minimum 25 degrees
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V0V	Overhang angle, rear, minimum 25 degrees
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V0X	Ground clearance under front axle, minimum 250 mm
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V0Y	Ground clearance under rear axle, minimum 250 mm
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V0Z	Ground clearance between axles, minimum 300 mm
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V8A	Chassis number FIN
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X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
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X2I	Model plate, export
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X1J	Instrument/labels/documentation, Arabic
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Y6A	Country-specific version
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Z5X	Left-hand drive
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Z5Y	Vehicle, for right-side traffic
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Technical data

Dimensions and weights

Type	
Execution	S
Drivetrain	6x4
Wheelbase	3300 mm

Weights	
1. Front axle (empty)	5093 kg
2. Front axle (empty)	- kg

1. Rear axle (empty)	2025 kg
2. Rear axle (empty)	2025 kg
kerb weight (incl. SA)	9143 kg
Payload	23857 kg
Gross vehicle weight	33000 kg
Gross combination weight	40000 kg

Engine	M3J
Displacement cm ³	12816
Engine output kW / PS	310 / 422
Power/engine torque in NM at 1240 rpm	2100

Tyres	
1st Axle:	2x 315/80 R 22,5
2nd Axle:	4x 315/80 R 22,5
3rd 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	1061 mm
Frame height – FA – unladen	1152 mm
Frame height – RA –laden	1067 mm
Frame height – RA – unladen	1139 mm

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

Technical Data

Technical illustration

