



# RSP UK

## Mercedes-Benz Arocs 3251 LK 8x4



This picture can differ from your individual vehicle configuration. It is therefore not binding and might be subject to change!

Execution:	Tipper-Chassis	Cab:	M-cab ClassicSpace, 2.30 m, tunnel 170 mm
Engine Power (kW):	375	Wheelbase:	3900
Gross Vehicle Weight:	37000 kg	Baumuster:	96424122
Steering:	right	COC Approval Number:	e1*2007/46*0743*17
Vehicle Type:	3251LK		

### Please note

This Tipper chassis is capable of accepting bodywork, including tipping bodies, providing a full length subframe is used. Any bodywork must be mounted in accordance with the Mercedes-Benz Body and Equipment mounting directives.



# Equipment List

## Paints

Cab &	Cab:	MB 9147	arctic white
	Painted trim grille:	MB 9147	arctic white
	Mounted cab parts painted:	MB 9147	arctic white

## Tyres

1st Axle:	2x 385/65 R 22,5 Continental	W48KKA 10 Regio Lenk
2nd Axle:	4x 315/80 R 22,5 Continental	F18L76 13 Traction (M+S)
3rd Axle:	4x 315/80 R 22,5 Continental	F18L76 13 Traction (M+S)
4th Axle:	2x 385/65 R 22,5 Continental	W48KKA 10 Regio Lenk

## Standard Equipment

A1Y	Front axle, straight version
A2F	Rear axle, crown wheel 233, planetary, 13.4 t
A5W	Axle ratio i = 4.143
	Differential lock, rear axle
B1B	Electronic braking system with ABS and ASR
B1F	Heating, electronic air-processing unit
B1H	Electr. compressed air supply and control, centre
B2A	Disc brakes on front and rear axle
B2E	Disc brakes with full protection
B2X	Parking brake, electronic
B4M	Air reservoir, steel
	Flashing brake lights during emergency braking
	Parking brake, acoustic warning
	Compressed air supply connection, front
C6C	Steering, single-circuit
C6J	Power steering pump, uncontrolled
C6Q	Stabiliser, front axle
C7A	Rear underride guard (ECE)
C7J	Battery carrier, batteries side by side
C8F	Wing, for chassis transit
CLW	Steering oil cooling
	Hole matrix on frame, continuous
D0S	Compressed-air connection, in cab
D1N	Fold-up co-driver's seat
D2Y	Seat belt monitor



D4Y	Sunblind, side, driver's side
D6F	Air conditioning system
D6Z	Construction-site filter
D7R	Stowage flaps, above windscreen
D8A	Roof hatch/vent, roof
	Multifunction steering wheel
	Bottle holder
	Power windows, all-round
	Entrance lamps, in door panel
	Document stowage space, A4 size
DUP0	Base Duplicate Code 0
E3L	Socket, 24 V/15 A, co-driver footwell
E4W	Starting-off aid, speed limit 30 km/h
E5A	No. 1 switch, for non-MB body electrics
F2B	Floor variant, tunnel 170 mm
F2G	Cab width 2.30 m
F2N	Cab, 600 mm attachment height
F2U	ClassicSpace
F3A	Cab mountings, standard, steel-sprung
F3W	Cab tilting mechanism, mechanical-hydraulic
F5Y	A-pillar trim
F6D	Windscreen, tinted, with filter band
F6I	Front mirror, heated
F6T	MirrorCam
F7B	Bumper, with steel corners
F7D	Bumper centre section w. towing eyes, coupling jaw
F7Y	Cab entrance, left/right, movable
F8B	2 remote control keys
F8E	Locking system, with central locking
F8F	Extended central locking
F8V	Light sensor
F8W	Rain sensor
	Cab, reinforced
	Air deflectors, corner panels
	Kerb mirror
G0R	Transmission support arms, optimised for removal
G0T	Predictive Powertrain Control
G0W	Drive program offroad
G2F	Transmission G 330-12/11.63-0.77
G5G	Mercedes PowerShift 3
J1O	Dig. tachograph, 2nd gen., ADR
J1S	Tachograph manufacturer VDO
J1Y	Speedometer, km/h and mph
J2G	Digital radio
J2I	Standard loudspeaker
J3U	Requirement: FleetBoard Manager app
J3V	Truck Data Center 7
J6B	Multimedia Cockpit
J8Y	Pre-installation for Truck Data Center 7



	On-Board Diagnosis
	Travel computer
	Maintenance system
K0T	Main tank, left
K5M	Tanks, lockable
K5Y	Initial filling, additional 30 litres of fuel
L0A	Illumination regulation, in acc. with UN-R 48.06
L2H	Side marker lamps, flashing
	Side marker lights
	Ambient lighting
	LED end-outline marker lamp
M0C	Bottom shell to prevent swirling-up of dust
M0Q	Noise regulation acc. to UN-R 51.03, phase 2
M3D	Eng. OM471, inline 6, 12.8 l, 375kW (510hp), 2500 Nm
M5B	2. Engine generation OM471
M5C	Engine version Euro VI, D
M5U	Exhaust brake, standard system
M6L	Air compressor, 2-cylinder
M7I	Insect screen in front of cooling system
N6Z	Transmission oil cooling
P0S	Space f. control unit betw. driv. seat & door pocket
R0Z	Wheel-nut cap
R1Q	15-degree tapered rims, 9.00 x 22.5
S5A	Speed limiter, 90 km/h (56 mph), ECE
S5Z	Cruise control
S8C	Hazard warning triangle
U2G	Exhaust box
V0X	Ground clearance under front axle, minimum 250 mm
V0Y	Ground clearance under rear axle, minimum 250 mm
V1B	Arocs
V1W	Standard
V2J	Arocs model generation 5
V8A	Chassis number FIN
X1A	Instrument/labels/documentation, English
X2E	Model plate, EU
X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
Y4R	Inflation aid, for steep-shoulder rims
Y4Z	Compressed-air gun, with hose
Z4O	Tank cross-section, narrow
Z5E	OM 471
Z5W	Right-hand drive
Z5Z	Vehicle, for left-side traffic

## Selected Optional Equipment

A1E	Front axle 9.0 t
A4T	Trailing axle, 8 t, steered, de-loadable, liftable



B0A	Pipe fracture protection, for braking system
C0W	Frame overhang 1800 mm
C1Z	Wheelbase 3900 mm
C5H	Attachment fixtures, rigid
C5P	Bolted frame
C6U	Extra anti-roll bar, rear/trailing axle
C7F	Front underride guard (ECE), aluminium
C8I	Splash guard (EC), front
D1B	Driver's suspension seat, standard
D3Z	Seat cover, man-made leather
D5Y	Rubber mats, driver's and co-driver's side
D6I	Residual engine heat utilisation
D7G	Stowage compartment lid, driver and co-driver side
D7Q	Stowage facility, high, on engine tunnel
D9SB10	Omission seat covers, driver's seat
D9SB20	Omission seat covers, co-driver's seat
E1C	Batteries 2 x 12 V/220 Ah, low-maintenance
E1M	Alternator, 28 V/150 A
E3E	Additional socket, 12 V/15 A, co-driver footwell
E3W	PSM, 2nd generation
E4B	Interface, fleet management system FMS
E4C	Additional functions, for body manufacturer
E5B	No. 2 switch, for non-MB body electrics
E5C	No. 3 switch, for non-MB body electrics
E5L	Slot for 4 additional switches
E6Y	Reverse warning, comb. with hazard warning lights
E7F	Cable remote control for air suspension
E9G	Provision for fitting electrical devices
F0F	Side module, N3 vehicle
F1B	M-cab ClassicSpace, 2.30 m, tunnel 170 mm
F1Q	M-cab
F4H	Cab rear wall, without window
F4X	Stowage compartment exterior flap, left
F5L	Sun visor, exterior, transparent
F6R	Air horns, cab roof
F7T	Door extension
F8H	2 remote control keys, additional
G5B	Double-disc clutch
G5F	Clutch, remote-controlled
J2U	Navigation system
J6Z	Preinstallation Mercedes-Benz Truck App Portal
J9P	Pre-installation and display for up to 4 cameras
K1J	Tank, 330 l, left, 650 x 700 x 850 mm, aluminium
K3W	AdBlue tank, 75 l, left
K5Q	Fuel screen, tank filler neck
K7W	Exhaust system, vertical tailpipe, pivoting outlet
L1I	Fog lamps, LED daytime running lamps
L1Q	Tail lights, construc. in metal holder with grille
L4Z	Protective grille, metal, for headlamps



L9A	Pre-installation for rotating beacons
L9G	Pre-installation for flood lamp, cab rear wall
L9AC20	Omission, daytime driving lamps
L9AC30	Deletion LED tail lights
M7U	Cooling output for hot regions
M8A	Air intake from front
N4Z	Live power take-off, clutch-dependent, MB 1.65
N6L	Transmission lock, live power take-off
N6U	Deletion, tipper drive
N7M	Engine PTO, rear, c, hydraulic pump ISO 7653D
N9W	PTO flange with cross serrations, D = 150 mm
Q1Y	Front spring, 9.0 t, 4-leaf
Q3Z	Lowered frame, with residual bellow pressure ctrl.
Q8N	End crossmember, 300 mm indented
R1T	15-degree tapered rims, 11.75 x 22.5, front axle
R1Z	15-degree tapered rims, 11.75 x 22.5, trail. axle
V0S	Vehicle class N3
V9AB50	Omission overhang angle, front, minimum 25 degrees
W7K	Weight variant 37.0 t (9.0/10.5/10.5/8.0)
Y4X	Tyre inflating hose, 25 m
Z4R	Tank cross-section, high



# Technical data

## Dimensions and weights

Type	
Execution	LK
Drivetrain	8x4
Wheelbase	3900 mm

Weights	
1. Front axle (empty)	5579 kg
2. Front axle (empty)	1743 kg
1. Rear axle (empty)	1743 kg
2. Rear axle (empty)	1429 kg
kerb weight (as configured)	10494 kg
Payload	26506 kg
Gross vehicle weight	37000 kg
Gross combination weight	44000 kg

Engine	M3D
Displacement cm <sup>3</sup>	12809
Engine output kW / PS	375 / 510
Power/engine torque in NM at 1100 rpm	2500

Tyres	
1st Axle:	2x 385/65 R 22,5
2nd Axle:	4x 315/80 R 22,5
3rd Axle:	4x 315/80 R 22,5
4th Axle:	2x 385/65 R 22,5

Body length	
With max. frame overhang	0 mm
Min. centre of gravity - last axle	0 mm
Max. centre of gravity - last axle	0 mm

Gearbox	
G2F	Transmission
Short text	G 330- 12/11.63- 0.77

Dimensions	
Frame height - FA - laden	1011 mm
Frame height - FA - unladen	1117 mm
Frame height - RA -laden	1016 mm
Frame height - RA - unladen	1051 mm

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



# Technical Data

Technical illustration

