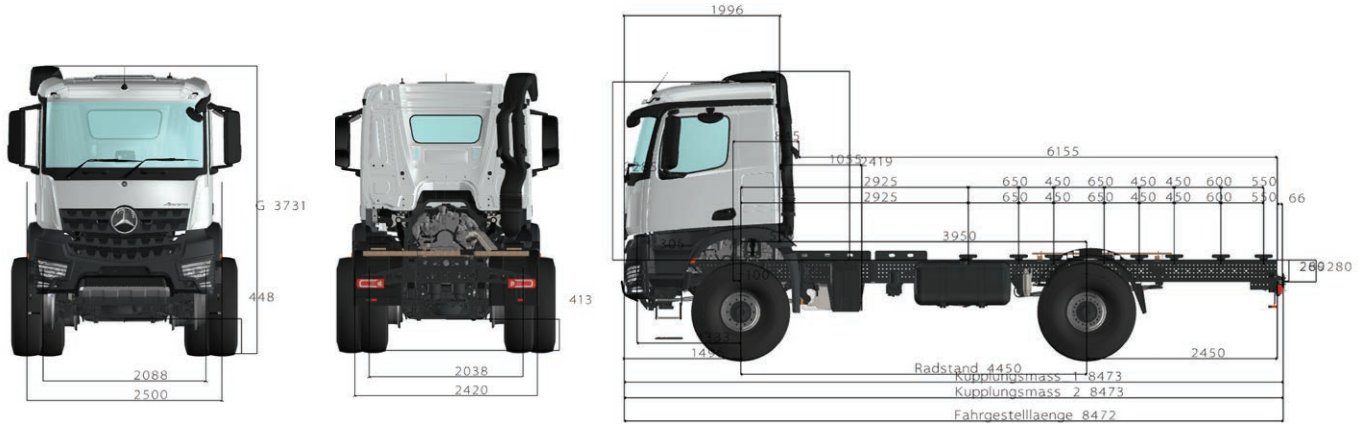


Technical Specifications

Arocs 5

1836AE/45 4x4

Freight Carrier with steel suspension



General information

Baumuster	964.008
Specifications date	January 2023
Emissions standard	Euro III
Cab version	M-Cab ClassicSpace, 2.30 m, tunnel 320 mm
Wheelbase	Wheelbase 4,500 mm
Rear overhang	Frame overhang 2,400 mm

Dimensions [mm]

	Laden	Unladen
Frame height at front	1,188	1,294
Frame height at rear	1,189	1,316
Total height incl. air intake	3,714	
Ground clearance at front	369	
Ground clearance at rear	334	
Turning circle [m]	19.30	

Engine

Model Displacement	OM460
Displacement [l]	12.8
Rated output [kW(hp)]	265(360hp)
Max. torque [Nm]	1800

Power transmission

Clutch Transmission	Single-disc clutch
Final drive ratio	Transmission G 230-12/11.7-0.78
	Transfer case VG 2800-3W/1.45-1.04, permanent
	Axle ratio i = 4.333

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Chassis

Front springs	Front springs, 8.0 t, 3-leaf		
Rear springs	Leaf suspension, rear axle		
	Axles	Tyres	Tyres
Front axle	Front axle 8.0 t	14.00 R 20	Wide-base rims, 10.00W-20, tubeless, single tyres
Rear axle	Rear axle, crown wheel 300, planetary, 13.4 t	14.00 R 20	Wide-base rims, 10.00W-20, tubeless, single tyres

Equipment

Brakes	Drum brakes on front and rear axle
Braking system	Electronic braking system with ABS and ASR
Engine brake	Exhaust brake, standard system
Battery	Batteries 2 x 12 V/170 Ah, low-maintenance
Battery carrier	Battery carrier, batteries stacked
Fuel capacity	390 l, left, Steel
Steering	Steering, single-circuit
Frame	High-strength with continuous U-section side members with constant web height, hole pattern 50x50 mm, frame track at rear 744 mm

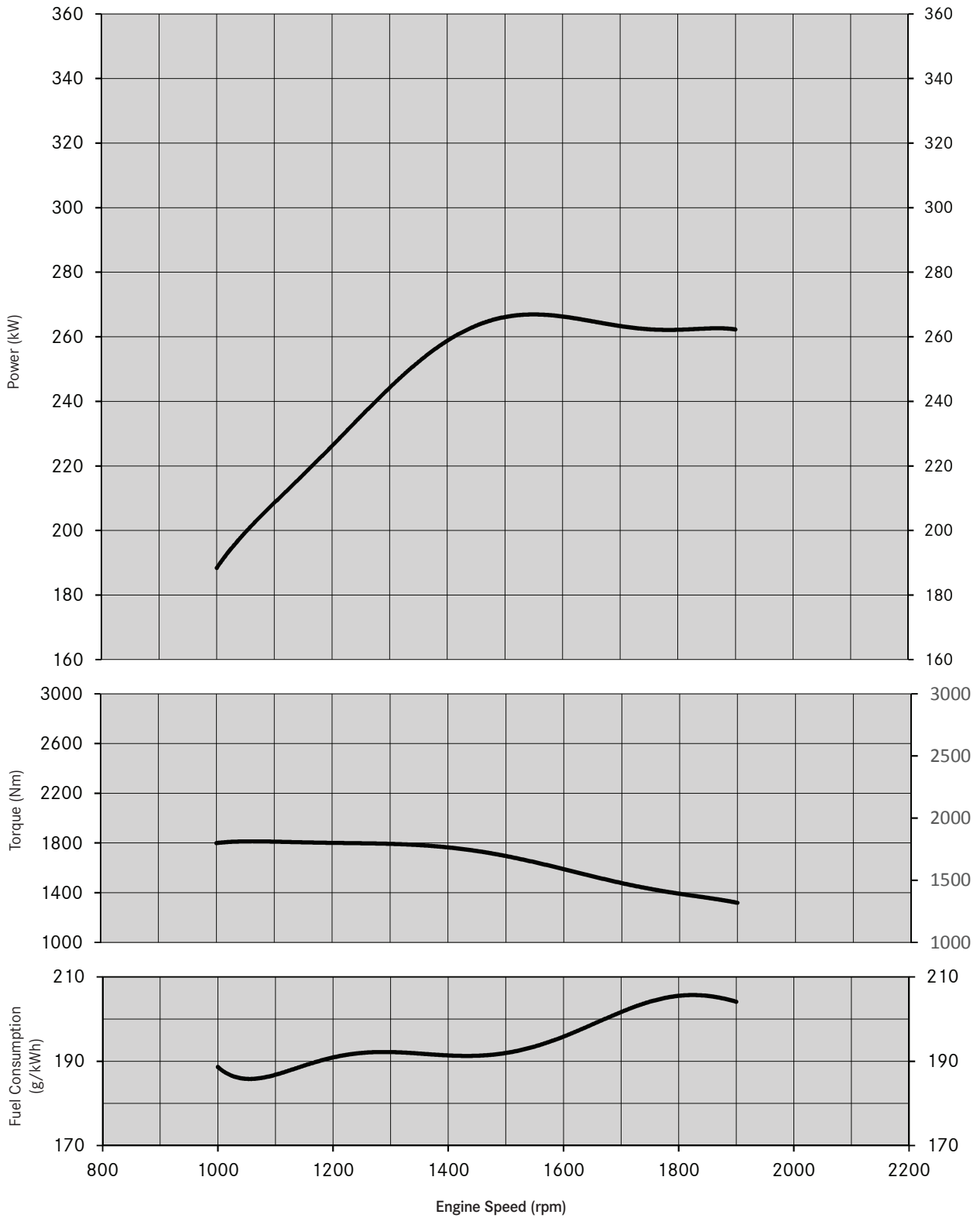
Vehicle Masses [kg]

	Front Axle	Rear Axle	Total
Manufacturer's mass	8,000 (GA)	10,000 (GAU)	18,000 (GVM)
Permissible mass	7,700 (A)	8,000 (AU)	15,700 (V)
Tare mass**	5,792	2,666	8,458
Payload/fifth-wheel load	1,908	5,334	7,242
Manufacturer's gross combination mass (GCM)	44,000		
Permissible drawing vehicle mass (D/T)	44,000		

** Tare Mass refers to the mass of the unladen vehicle in ready to drive condition, chassis with cab and / or coupling device for truck tractors. Including coolant, oils, spare wheel but excluding fuel and driver as per the National Road Traffic Act (NRTA) regulations.

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Power, Torque

OM 460, 265 kW at 1600/min,
EuroIII 1800Nm at 1100/min

Stationary full load curves

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Sales Codes in Alphabetic Order

A1D	Front axle 8.0 t	E6Z	Reversing buzzer
A1W	Differential lock on front axle	F0G	Side module, N3G vehicle
A1Y	Front axle, straight version	F0Y	Mirror cover, construction vehicle
A2G	Rear axle, crown wheel 300, planetary, 13.4 t	F1O	M-Cab ClassicSpace, 2.30 m, tunnel 320 mm
A5Y	Axle ratio i = 4.333	F1Q	M-Cab
B1A	Electronic braking system with ABS	F2C	Floor variant, tunnel 320 mm
B1F	Heating, electronic air-processing unit	F2G	Cab width 2.30 m
B1H	Electr. compressed air supply and control, centre	F2N	Cab, 600 mm setup height
B1Z	ABS, disengageable	F2U	ClassicSpace
B2B	Drum brakes on front and rear axle	F3A	Cab mountings, standard, steel-sprung
B2X	Parking Brake electronic	F3E	Rear Cab mount. reinforced
B4A	Condensation monitoring, for compressed air system	F3W	Cab tilting mechanism, mechanical-hydraulic
B4M	Air reservoir, steel	F4I	Cab rear wall, with window
B5B	Trailer brake, 2-line	F4X	Storage compartment exterior flap, left
C2N	Wheelbase 4500 mm	F5L	Sun visor, exterior, transparent
C4I	Frame overhang 2400 mm	F5Y	A-pillar trim
C5G	Mounting parts, crane	F6C	Windscreen, tinted
C5H	Attachment fixtures, rigid	F6I	Front mirror, heated
C5P	Bolted frame	F6Q	Air horn
C6C	Steering, single-circuit	F7B	Bumper, with steel corners
C6J	Power steering pump, uncontrolled	F7D	Bumper centre section w. towing eyes, coupling jaw
C6Q	Stabiliser, front axle	F7Y	Cab entrance, left/right, movable
C6Y	Stabiliser, under frame, rear axle	F8B	2 remote control keys
C7I	Battery carrier cover, lockable	F8E	Central locking system
C7K	Battery carrier, batteries stacked	F8F	Extended central locking
C8F	Wing, for chassis transit	F8H	2 remote control keys, additional
C9Y	Deletion, rear underride guard (ECE)	F8W	Rain Sensor
CLW	Steering oil cooling	G0R	Transmission support arms, optimised for removal
D0S	Compressed-air connection, in cab	G0W	Drive program offroad
D1B	Driver's suspension seat, standard	G2C	Transmission G 230-12/11.7-0.78
D1N	Fold-up co-driver's seat	G4D	Transfer case VG 2800-3W/1.45-1.04, permanent
D2N	Driver's seat backrest, release mechanism	G4Z	Oil cooler for T- case
D2Y	Seat belt monitor	G5A	Single-disc clutch
D3I	Bunk, bottom	G5G	Mercedes PowerShift 3
D3X	Seat cover, flat-weave fabric	J1H	Instrument cluster, 12.7 cm
D5Y	Rubber mats, driver's and co-driver's side	J1Z	Speedometer, deletion, tachograph
D6F	Air conditioning system	J2E	Radio with USB connector
D6Z	Construction-site filter	J2I	Standard loudspeaker
D7G	Stowage compartment cover, driver's and co-driver's side	J3V	Truck Data Center 7
D7R	Stowage flaps, above windscreen	J6A	Classic cockpit
D8A	Roof hatch/vent, roof	J7C	Card Reader for Truck Data Center
E1B	Batteries 2 x 12 V/170 Ah, low-maintenance	J8C	Pre-fitted card reader for Truck Data Center
E1M	Alternator, 28V/150A	J8Y	Pre-installation for Truck Data Center 7
E3B	Connection point 12V/15A, for auxiliary consumers	JTAM	Weight variant 18.0 t (8.0/10.0)
E3E	Additional socket, 12 V/15 A, co-driver footwell	K0T	Main tank, left
E3L	Socket, 24 V/15 A, co-driver footwell	K5B	Tank, 390 l, left, 650 x 565 x 1250 mm, steel
E3W	PSM, 2nd generation	K5M	Tanks, lockable
E4B	Interface, FMS Fleet Management System	K5Q	Tank filler neck
E5A	No. 1 switch, for non-MB body electrics	K7D	Exhaust system, tailpipe to right and outwards
E6A	Trailer socket, 24V, 15pin	K7F	Exhaust system relocated, for large tyres

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Sales Codes in Alphabetic Order

L0A	Illumination regulation, in acc. with UN-R 48.06	S5A	Speed limiter, 90 km/h / 56 mph, ECE
L11	Fog lamps, LED DTRL	S5Z	Cruise control
L1P	LED taillights	S8A	First aid kit
L2H	Side marker lamps, flashing	S8C	Hazard warning triangle
L4Z	Protective grille, metal, for headlamps	S8D	Warning lamp
L9A	Pre-installation for rotating beacons	V0T	VC N3G, off-road vehicle
M0A	Engine mounts, reinforced	V1B	Arocs
M0C	Bottom shell to prevent swirling-up of dust	V1Z	Grounder
M0Z	Noise regulation acc. to UN-R 51.03, phase 1	V2J	Arocs model generation 5
M3H	Eng. OM460, inline 6, 12.8 l, 265kW (360hp), 1800 Nm	V8A	Chassis number FIN
M5U	Exhaust brake, standard system	X1A	Instrument/labels/documentation, English
M5W	Engine version, Euro III	X2A	Model identification, acc. to weight variant
M6L	Air compressor, 2-cylinder	X2I	Model plate, export
M7I	Insect screen in front of cooling system	X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
M7J	Guard plate, bumper	Y4A	Telescopic jack, 12t/19t
M7V	Cooling output for very hot regions	Y4J	2 wheel chocks
M8B	Air intake behind cab, mounted	Y4W	Tool kit, extended
M8L	Cyclone filter for coarse dust	Y4X	Tyre inflating hose, 25m
M8Y	Fuel pre-filter, chassis-mounted, additional	Y4Z	Comp. air gun, with hose
N2E	PTOMB 131-2c, pump	Y6A	Country-specific version
N6Z	Transmission oil cooling	Z4O	Tank cross-section, narrow
Q1N	Front springs, 8.0 t, 3-leaf	Z4Q	Tank cross-section, low
Q2V	Rear spring, 13.0 t, hard	Z5L	OM 460
Q8D	Recovery coupling, rear, Ringfeder	Z5M	PTO, single
Q8M	End crossmember lower, reinforced	Z5P	Clutch supplier F&S
R0V	Vehicle adaptation, large tyres	Z5S	Power take-off, pump, under top edge of frame
R4Y	Wide-base rims, 10.00W-20, tubeless, single tyres	Z5W	Right-hand drive
R8F	Temp. spare wheel carrier	Z5Z	Vehicle, LHS, traffic
R8P	Spare wheel / rim		

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