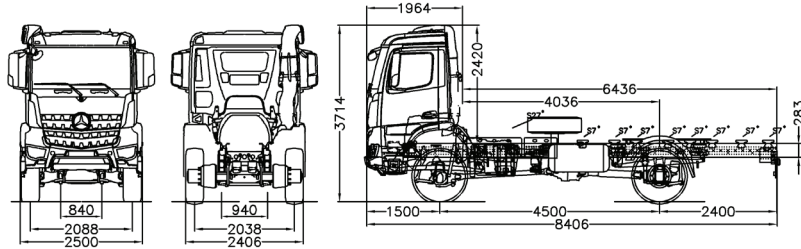


Technical Specifications

Arocs 5

1836A 4x4

Freight Carrier with steel suspension



General information

Baumuster	964.008
Specifications date	January 2020
Emissions standard	Euro III
Cab version	S-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 3000-3W, 1.04, engageable
	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 9.0 t	365/85 R 20	Wide-base rims, 10.00W-20, tube, single tyres reinforced
Rear axle	Rear axle, crown wheel 300, planetary, 13.4 t	365/85 R 20	Wide-base rims, 10.00W-20, tube, single tyres reinforced

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

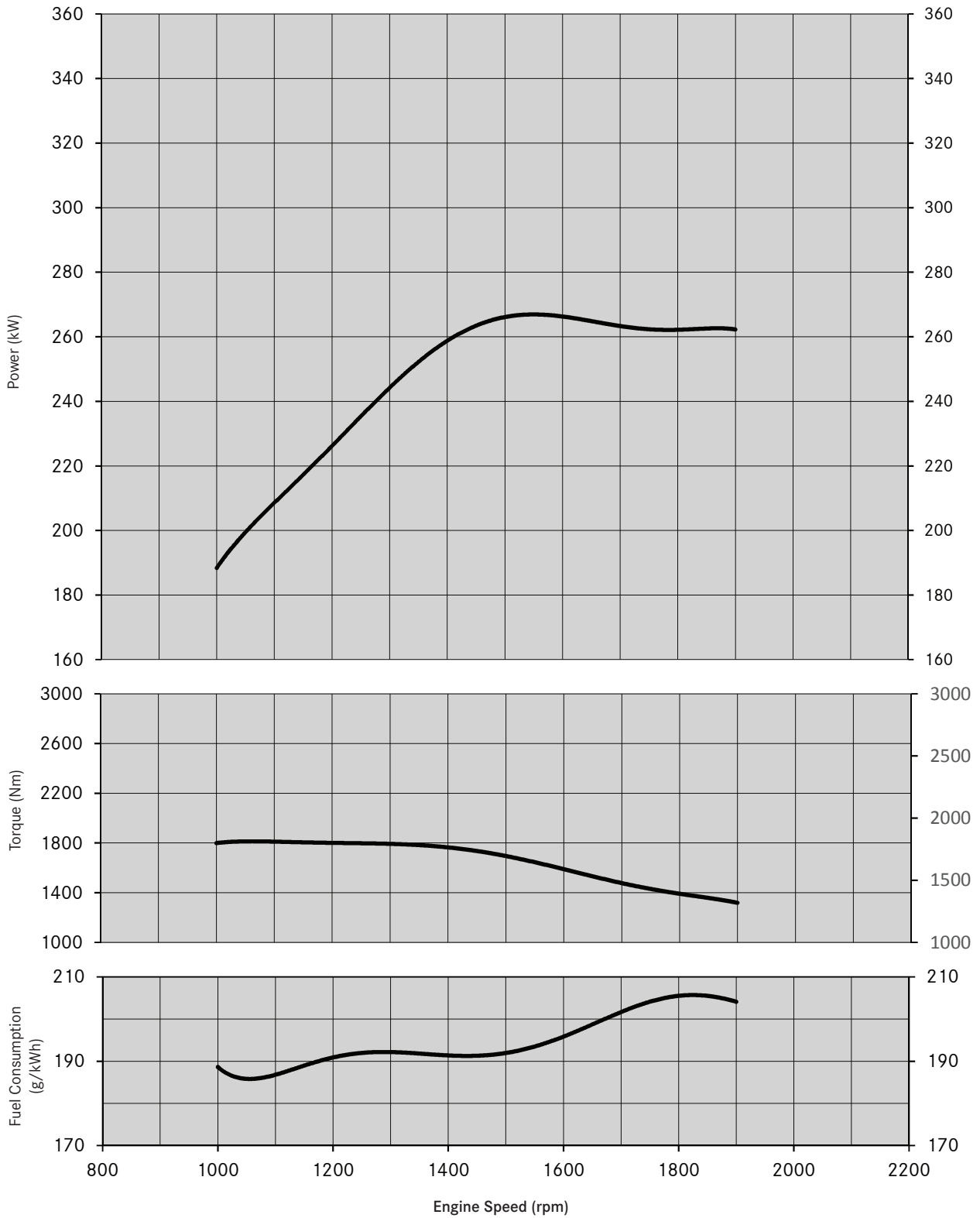
Vehicle Masses [kg]

	Front Axle	Rear Axle	Total
Manufacturer's mass	9,000 (GA)	9,000 (GAU)	18,000 (GVM)
Permissible mass	7,700 (A)	8,000 (AU)	15,700 (V)
Tare mass**	5,780	2,721	8,501
Payload/fifth-wheel load	1,720	5,279	6,999
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 440, 265 KW at 1600/min,
Euro III 2600Nm at 1100/min

Stationary full load curves

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Sales Codes in Alphabetic Order

A1E	Front axle 9.0 t	F2G	Cab width 2.30 m
A1Y	Front axle, straight version	F2N	Cab, 600 mm setup height
A2G	Rear axle, crown wheel 300, planetary, 13.4 t	F2U	ClassicSpace
A5Y	Axle ratio i = 4.333	F3A	Cab mountings, standard, steel-sprung
B1A	Electronic braking system with ABS	F3E	Rear Cab mount. reinforced
B1F	Heating, electronic air-processing unit	F3W	Cab tilting mechanism, mechanical-hydraulic
B1H	Electr. compressed air supply and control, centre	F4I	Cab rear wall, with window
B1Z	ABS, disengageable	F5L	Sun visor, exterior, transparent
B2B	Drum brakes on front and rear axle	F5Y	A-pillar trim
B2X	Parking Brake electronic	F6C	Windscreen, tinted
B4A	Condensation monitoring, for compressed air system	F6I	Front mirror, heated
B4M	Air reservoir, steel	F6Q	Air horn
C2N	Wheelbase 4500 mm	F7B	Bumper,with steel corners
C4I	Frame overhang 2400 mm	F7D	Bumper centre section w. towing eyes, coupling jaw
C5G	Mounting parts, crane	F7Y	Cab entrance, left/right, movable
C5H	Attachment fixtures, rigid	F8B	2 remote control keys
C5P	Bolted frame	F8E	Central locking system
C6C	Steering, single-circuit	F8F	Extended central locking
C6J	Power steering pump, uncontrolled	F8H	2 remote control keys, additional
C6Q	Stabiliser, front axle	F8W	Rain Sensor
C6Y	Stabiliser, under frame, rear axle	G0R	Transmission support arms, optimised for removal
C7I	Battery carrier cover, lockable	G0W	Drive program offroad
C7K	Battery carrier, batteries stacked	G2C	Transmission G 230-12/11.7-0.78
C8F	Wing, for chassis transit	G4D	Transfer case VG 2800-3W/1.45-1.04, permanent
C9Y	Deletion, rear underride guard (ECE)	G4Z	Oil cooler for T- case
CLW	Steering oil cooling	G5A	Single-disc clutch
D0S	Compressed-air connection, in cab	G5G	Mercedes PowerShift 3
D1B	Driver's suspension seat, standard	J1E	Instrument cluster, 12.7 cm, with add. displays
D1N	Fold-up co-driver's seat	J1Z	Speedometer, deletion, tachograph
D2Y	Seat belt monitor	J2E	Radio with USB connector
D3X	Seat cover, flat-weave fabric	J2I	Standard loudspeaker
D5Y	Rubber mats, driver's and co-driver's side	J6A	Classic cockpit
D6F	Air conditioning system	J8Z	Pre-install. for Truck Data Centre 7 (FB Card)
D6Z	Construction-site filter	K0T	Main tank, left
D7R	Stowage flaps, above windscreen	K5B	Tank, 390 l, left, 650 x 565 x 1250 mm, steel
D8A	Roof hatch/vent, roof	K5M	Tanks, lockable
E1B	Batteries 2 x 12 V/170 Ah, low-maintenance	K5Q	Tank filler neck
E1M	Alternator, 28V/150A	K7D	Exhaust system, tailpipe to right and outwards
E3B	Connection point 12V/15A, for auxiliary consumers	L0A	Illumination regulation, in acc. with UN-R 48.06
E3E	Additional socket, 12 V/15 A, co-driver footwell	L1I	Fog lamps, LED DTRL
E3L	Socket, 24 V/15 A, co-driver footwell	L1P	LED tail lights
E3W	PSM, 2nd generation	L2H	Side marker lamps, flashing
E5A	No. 1 switch, for non-MB body electrics	L4Z	Protective grille, metal, for headlamps
E6A	Trailer socket,24V,15pin	L9A	Pre-installation for rotating beacons
E6Z	Reversing buzzer	M0A	Engine mounts,reinforced
F0G	Side module, N3G vehicle	M0C	Bottom shell to prevent swirling-up of dust
F0Y	Mirror cover, construction vehicle	M0Z	Noise regulation acc. to UN-R 51.03, phase 1
F1P	S-cab	M3H	Eng. OM460, inline 6, 12.8 l, 265kW (360hp),1800 Nm
F1S	S-cab ClassicSpace, 2.30 m, tunnel 320 mm	M5U	Exhaust brake, standard system
F2C	Floor variant, tunnel 320 mm	M5W	Engine version, Euro III

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Sales Codes in Alphabetic Order

M6L	Air compressor, 2-cylinder	V1Z	Grounder
M7I	Insect screen in front of cooling system	V2J	Arocs model generation 5
M7J	Guard plate, bumper	V8A	Chassis number FIN
M7V	Cooling output for very hot regions	W9S	Weight variant 18.0 t (9.0/9.0)
M8B	Air intake behind cab, mounted	X1A	Instrument/labels/documentation, English
M8L	Cyclone filter for coarse dust	X2A	Model identification, acc. to weight variant
M8Y	Fuel pre-filter, chassis-mounted, additional	X2I	Model plate, export
N2E	PTO MB 131-2c, pump	X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
N6Z	Transmission oil cooling	Y4A	Telescopic jack, 12t/19t
Q1Y	Front spring, 9.0 t, 4-leaf	Y4J	2 wheel chocks
Q2X	Rear spring, 16.0 t, hard	Y4W	Tool kit, extended
Q8M	End crossmember lower, reinforced	Y4X	Tyre inflating hose, 25m
R4Z	Wide-base rims, 10.00W-20, tube, single tyres	Y4Z	Comp. air gun, with hose
R8F	Temp. spare wheel carrier	Y6A	Country-specific version
R8P	Spare wheel/rim	Z4O	Tank cross-section,narrow
S5E	Speed limiter, 80 km/h	Z4Q	Tank cross-section, low
S5Z	Cruise control	Z5L	OM 460
S8A	First aid kit	Z5M	PTO, single
S8C	Hazard warning triangle	Z5P	Clutch supplier F&S
S8D	Warning lamp	Z5S	Power take-off, pump, under top edge of frame
V0T	VC N3G, off-road vehicle	Z5W	Right-hand drive
V1B	Arocs	Z5Z	Vehicle,LHS,traffic

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