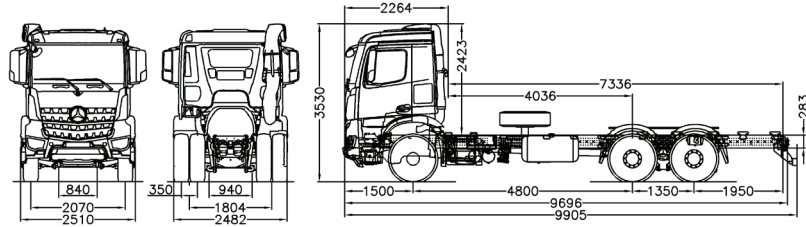


Technical Specifications

Arocs 5

3345 6x4

Freight Carrier with a steel suspension



General information

Baumuster	964.016
Specifications date	January 2020
Emissions standard	Euro III
Cab version	M-cab ClassicSpace, 2.30 m, tunnel 170 mm
Wheelbase	Wheelbase 4,800 mm
Rear overhang	Frame overhang 1,950 mm

Dimensions [mm]

	Laden	Unladen
Frame height at front	1,016	1,107
Frame height at rear	1,022	1,094
Total height incl. air intake	3,530	
Ground clearance at front	317	
Ground clearance at rear	312	
Turning circle [m]	22.30	

Engine

Model Displacement	OM460
Displacement	12.8 litres
Rated output	330kW (449hp)
Max. torque	2200Nm

Power transmission

Clutch Transmission	Single-disc clutch
Final drive ratio	Transmission G 330-12/11.63-0.77
	Axle ratio $i = 4.333$

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Chassis

Front springs	Front springs, 8.0 t, 3-leaf		
Rear springs	Rear spring, 2 x 16.0 t, 4-leaf		
	Axes	Tyres	Tyres
Front axle	Front axle 8.0 t	315/80 R 22.5	15-degree tapered rims, 9.00x22.5, reinforced
Rear axle	Rear axle, crown wheel 300, planetary, 13.4 t	315/80 R 22.5	15-degree tapered rims, 9.00x22.5, 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 side by side
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

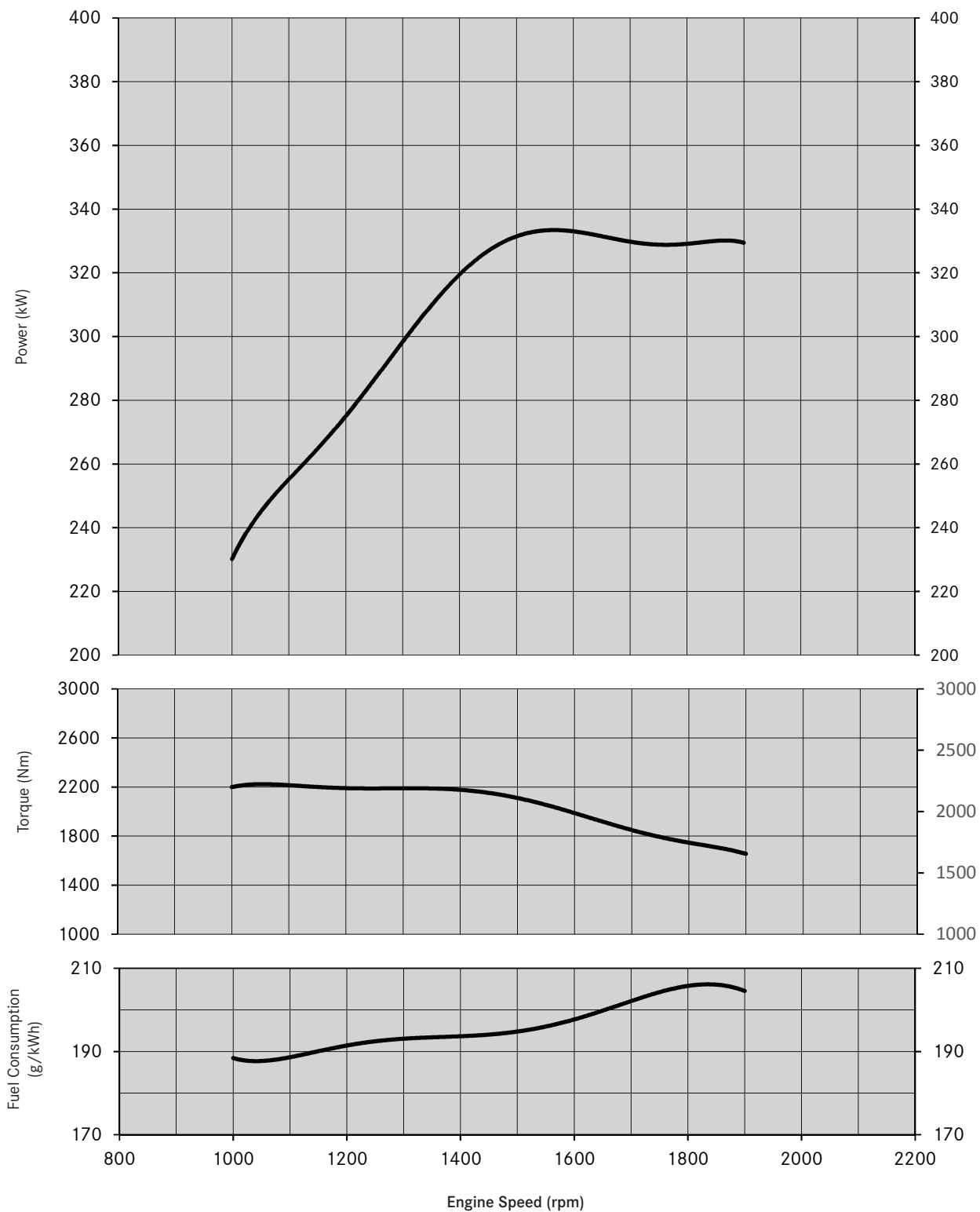
Vehicle Masses [kg]

	Front Axle	Rear Axle	Total
Manufacturer's mass	8,000 (GA)	26,000 (GAU)	33,000 (GVM)
Permissible mass	7,700 (A)	18,000 (AU)	25,700 (V)
Tare mass**	5,091	4,386	9,477
Payload/fifth-wheel load	2,609	13,614	16,223
Manufacturer's gross combination mass (GCM)	68,000		
Permissible drawing vehicle mass (D/T)	68,000		

** 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, 330 kW at 1600/min,
Euro III 2200Nm 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
A1Y	Front axle, straight version	F0Y	Mirror cover, construction vehicle
A2G	Rear axle, crown wheel 300, planetary, 13.4 t	F1B	M-cab ClassicSpace, 2.30 m, tunnel 170 mm
A5Y	Axle ratio i = 4.333	F1Q	M-cab
B1B	Electronic braking system with ABS and ASR	F2B	Floor variant, tunnel 170 mm
B1H	Electr. compressed air supply and control, centre	F2G	Cab width 2.30 m
B1F	Heating, electronic air-processing unit	F2N	Cab, 600 mm attachment 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	Cab mountings, rear, reinforced
B3H	Water-type secondary retarder	F3W	Cab tilting mechanism, mechanical-hydraulic
B4A	Condensation monitoring, for compressed air sys.	F4H	Cab rear wall, without window
B4M	Air reservoir, steel	F4X	Stowage compartment exterior flap, left
B5B	Trailer brake, 2-line	F5Y	A-pillar trim
C0Z	Frame overhang 1950 mm	F6D	Windscreen, tinted, with filter band
C2R	Wheelbase 4800 mm	F6I	Front mirror, heated
C5I	Mounting parts, for platform	F6Q	Air horn
C5P	Bolted frame	F7B	Bumper, with steel corners
C6C	Steering, single-circuit	F7D	Bumper centre section w. towing eyes, coupling jaw
C6J	Power steering pump, uncontrolled	F7Y	Cab entrance, left/right, movable
C6Q	Stabiliser, front axle	F8B	2 remote control keys
C6Y	Stabiliser, under frame, rear axle	F8E	Locking system, with central locking
C7A	Rear underride guard (ECE)	F8F	Extended central locking
C7I	Battery carrier cover, lockable	F8H	2 remote control keys, additional
C7J	Battery carrier, batteries side by side	F8W	Rain sensor
C7Z	Frame, non-assembled, stage II (CKD)	G0K	Drive program, economy/power
C8T	Deletion, wings for chassis transit	G0R	Transmission support arms, optimised for removal
CLW	Steering oil cooling	G2F	Transmission G 330-12/11.63-0.77
D0S	Compressed-air connection, in cab	G5A	Single-disc clutch
D1B	Driver's suspension seat, standard	G5G	Mercedes PowerShift 3
D1N	Fold-up co-driver's seat	J1E	Instrument cluster, 12.7 cm, with add. displays
D2N	Driver's seat backrest, release mechanism	J1Z	Speedometer, deletion, tachograph
D2Y	Seat belt monitor	J2H	Multimedia Radio Touch
D3I	Bunk, bottom	J2I	Standard loudspeaker
D3X	Seat cover, flat-weave fabric	J3R	Truck Data Center 7 (FB Card)
D5Y	Rubber mats, driver's and co-driver;s side	J6A	Classic Cockpit
D6F	Air conditioning system	J8Z	Pre-install.for Truck Data Center 7 (FB Card)
D6Z	Construction-site filter	K0T	Main tank, left
D7G	Stowage compartment lid, driver and co-driver side	K5B	Tank, 390 l, left, 650 x 565 x 1250 mm, steel
D7R	Stowage flaps, above windscreen	K5M	Tanks, lockable
D8A	Roof hatch/vent, roof	K5Q	Fuel screen, tank filler neck
E1B	Batteries 2 x 12 V/170 Ah, low-maintenance	K7D	Exhaust system, tailpipe to right and outwards
E1M	Alternator, 28 V/150 A	L0A	Illumination regulation, in acc. with UN-R 48.06
E3B	Connection point 12V/15A, for auxiliary consumers	L1I	Fog lamps, LED daytime running lamps
E3E	Additional socket, 12 V/15 A, co-driver footwell	L1P	LED tail lights
E3L	Socket, 24 V/15 A, co-driver footwell	L2H	Side marker lamps, flashing
E3W	PSM, 2nd generation	L4Z	Protective grille, metal, for headlamps
E5A	No. 1 switch, for non-MB body electrics	L9A	Pre-installation for rotating beacons
E6A	Trailer socket, 24 V, 15-pin	M0A	Engine mounts, reinforced

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Sales Codes in Alphabetic Order

M0C	Bottom shell to prevent swirling-up of dust	V0X	Ground clearance under front axle, minimum 250 mm
M0Z	Noise regulation acc. to UN-R 51.03, phase 1	V0Y	Ground clearance under rear axle, minimum 250 mm
M5U	Exhaust brake, standard system	V0Z	Ground clearance between axles, minimum 300 mm
M5W	Engine version, Euro III	V1B	Arocs
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	W5X	Weight variant 33.0 t (8.0/13.0/13.0)
M8B	Air intake behind cab, mounted	X1A	Instrument/labels/documentation, English
M8L	Cyclone filter for coarse dust	X2I	Model plate, export
M8Y	Fuel pre-filter, chassis-mounted, additional	X3W	Powertrain warranty as per T and Cs 3yrs/450,000km
N2E	PTO MB 131-2c, pump	Y4A	Telescopic jack, 12 t/19 t
N6Z	Transmission oil cooling	Y4J	2 wheel chocks
Q1N	Front spring, 8.0 t, 3-leaf	Y4R	Inflation aid, for steep-shoulder rims
Q3D	Rear spring, 2 x 16.0 t	Y4W	Tool kit, extended
Q8D	Tow-away coupling, rear, Ringfeder	Y4X	Tyre inflating hose, 25 m
R0Z	Wheel-nut cap	Y4Z	Compressed-air gun, with hose
R1I	15-degree tapered rims, 9,00 x 22.5, reinforced	Y6A	Country-specific version
R8P	Spare wheel/spare wheel rim	Z4O	Tank cross-section, narrow
S1H	Lane Keeping Assist	Z4Q	Tank cross-section, low
S1L	Attention Assist	Z5L	OM 460
S3A	Airbag, driver	Z5M	PTO, single
S5E	Speed limiter, 80 km/h	Z5S	Power take-off, pump, under top edge of frame
S5Z	Cruise control	Z5W	Right-hand drive
S8A	First aid kit	Z5Z	Vehicle, for left-side traffic
S8C	Hazard warning triangle	Z9X	Consolidated consignment (CKD)
S8D	Warning lamp	Z9Y	Delivery condition (CKD)
V0R	No check for N3G conformity		

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