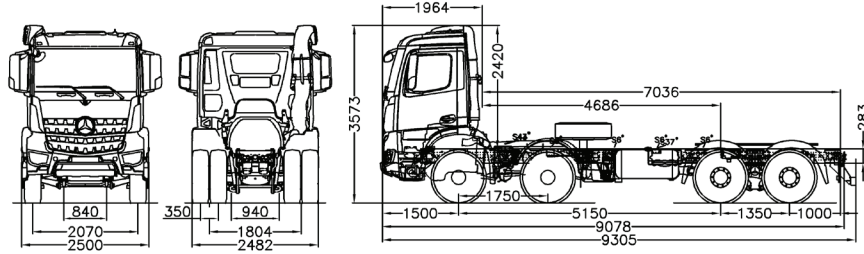


# Technical Specifications

Arocs 5  
4145K 8x4/4  
Tipper



## General information

Baumuster	964.231
Specifications date	January 2020
Emissions standard	Euro III
Cab version	S-cab ClassicSpace, 2.30 m, tunnel 170 mm
Wheelbase	Wheelbase 5,150 mm
Rear overhang	Frame overhang 1,000 mm

## Dimensions [mm]

	Laden	Unladen
Frame height at front	1,061	1,153
Frame height at rear	1,067	1,126
Total height incl. air intake	3,573	
Ground clearance at front	317	
Ground clearance at rear	312	
Turning circle [m]	23.30	

## Engine

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

## Power transmission

Clutch Transmission	Double-disc clutch
Final drive ratio	Transmission G 280-16/11.7-0.69
	Axle ratio i = 5.333

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## Chassis

Front springs	Front springs, 2 x 8.0 t, 3-leaf		
Rear springs	Leaf suspension, rear axle		
	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, Servotwin
Frame	High-strength with continuous U-section side members with constant web height, hole pattern 50x50 mm, frame track at rear 744 mm

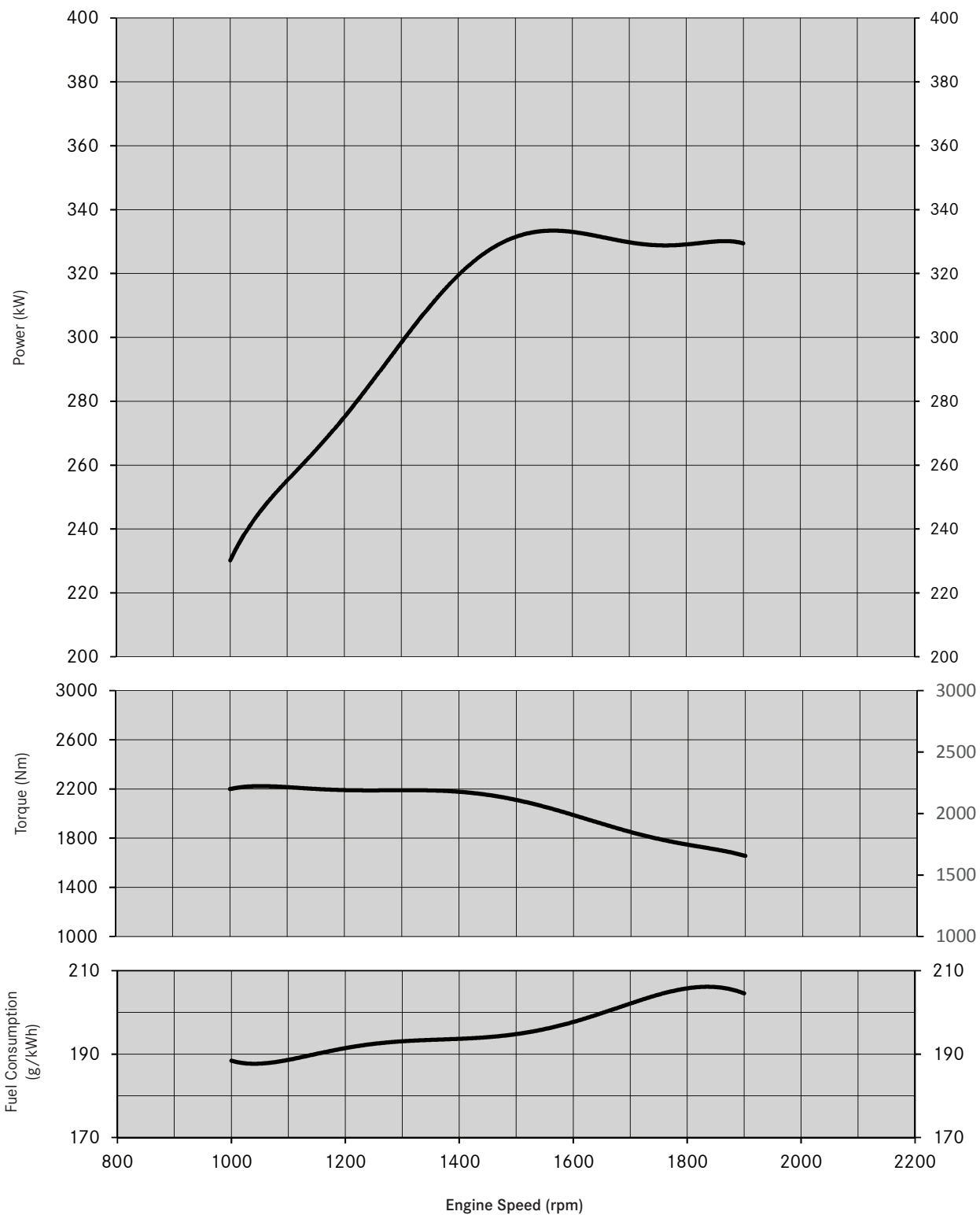
## Vehicle Masses [kg]

	Front Axle	Rear Axle	Total
Manufacturer's mass	16,000 (GA)	26,000 (GAU)	41,000 (GVM)
Permissible mass	15,400 (A)	18,000 (AU)	33,400 (V)
Tare mass**	6,796	3,998	10,794
Payload/fifth-wheel load	8,904	14,002	22,906
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	F2G	Cab width 2.30 m
A1Y	Front axle, straight version	F2N	Cab, 600 mm attachment height
A2G	Rear axle, crown wheel 300, planetary, 13.4 t	F2U	ClassicSpace
A6J	Axle ratio i = 5.333	F3A	Cab mountings, standard, steel-sprung
B1B	Electronic braking system with ABS and ASR	F3W	Cab tilting mechanism, mechanical-hydraulic
B1H	Electr. compressed air supply and control, centre	F4I	Cab rear wall, with window
B1F	Heating, electronic air-processing unit	F5L	Sun visor, exterior, transparent
B1Z	ABS, disengageable	F5Y	A-pillar trim
B2B	Drum brakes on front and rear axle	F6C	Windscreen, tinted
B2X	Parking brake, electronic	F6I	Front mirror, heated
B3H	Water-type secondary retarder	F6Q	Air horn
B4A	Condensation monitoring, for compressed air system	F7B	Bumper, with steel corners
B4M	Air reservoir, steel	F7D	Bumper centre section w. towing eyes, coupling jaw
B5B	Trailer brake, 2-line	F7Y	Cab entrance, left/right, movable
C0F	Frame overhang 1000 mm	F8B	2 remote control keys
C2Y	Wheelbase 5150 mm	F8E	Locking system, with central locking
C5J	Mounting parts, for tipper	F8F	Extended central locking
C6H	Steering, Servotwin, 4-axle	F8H	2 remote control keys, additional
C6J	Power steering pump, uncontrolled	F8W	Rain sensor
C6Q	Stabiliser, front axle	G0B	Powertrain, 44 t to 80 t
C6Y	Stabiliser, under frame, rear axle	G0R	Transmission support arms, optimised for removal
C7A	Rear underride guard (ECE)	G0W	Drive program offroad
C7I	Battery carrier cover, lockable	G2D	Transmission G 280-16/11.7-0.69
C7J	Battery carrier, batteries side by side	G5B	Double-disc clutch
C8F	Wing, for chassis transit	G5G	Mercedes PowerShift 3
CLW	Steering oil cooling	J1E	Instrument cluster, 12.7 cm, with add. displays
D0S	Compressed-air connection, in cab	J1Z	Speedometer, deletion, tachograph
D1B	Driver's suspension seat, standard	J2E	Radio with USB connector
D1N	Fold-up co-driver's seat	J2I	Standard loudspeaker
D2Y	Seat belt monitor	J6A	Classic Cockpit
D3X	Seat cover, flat-weave fabric	J8Z	Pre-install. for Truck Data Centre 7 (FB Card)
D5Y	Rubber mats, driver's and co-driver's side	K0T	Main tank, left
D6F	Air conditioning system	K5B	Tank, 390 l, left, 650 x 565 x 1250 mm, steel
D6Z	Construction-site filter	K5M	Tanks, lockable
D7R	Stowage flaps, above windscreen	K5Q	Fuel screen, tank filler neck
D8A	Roof hatch/vent, roof	K7D	Exhaust system, tailpipe to right and outwards
E1B	Batteries 2 x 12 V/170 Ah, low-maintenance	K7S	Exhaust pipe, curved above second axle
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, in side wall stowage space, left	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
E6Z	Reversing buzzer	M0C	Bottom shell to prevent swirling-up of dust
F0G	Side module, N3G vehicle	M0Z	Noise regulation acc. to UN-R 51.03, phase 1
F0Y	Mirror cover, construction vehicle	M3K	Eng. OM460, inline 6, 12.8 l, 330kW (449hp),2200 Nm
F1A	S-cab ClassicSpace, 2.30 m, tunnel 170 mm	M5U	Exhaust brake, standard system
F1P	S-cab	M5W	Engine version, Euro III
F2B	Floor variant, tunnel 170 mm	M6L	Air compressor, 2-cylinder

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## Sales Codes in Alphabetic Order

M7I	Insect screen in front of cooling system	V0V	Overhang angle, rear, minimum 25 degrees
M7J	Guard plate, bumper	V0W	Breakover angle, minimum 25 degrees
M7V	Cooling output for very hot regions	V0X	Ground clearance under front axle, minimum 250 mm
M8B	Air intake behind cab, mounted	V0Y	Ground clearance under rear axle, minimum 250 mm
M8L	Cyclone filter for coarse dust	V0Z	Ground clearance between axles, minimum 300 mm
M8Y	Fuel pre-filter, chassis-mounted, additional	V1B	Arocs
N2E	PTO MB 131-2c, pump	V1Z	Grounder
N6Z	Transmission oil cooling	V2J	Arocs model generation 5
P0S	Space f. control unit betw. driv. seat & door pocket	V8A	Chassis number FIN
P9A	Tip control, in cab	W7Y	Weight variant 41.0 t (8.0/8.0/13.0/13.0)
Q1X	Front spring, 2 x 8,0 t, 3-leaf	X2I	Model plate, export
Q3D	Rear spring, 2 x 16.0 t	X3Z	Powertrain warranty as per T and Cs 3yrs/250,000km
Q8D	Tow-away coupling, rear, Ringfeder	Y4A	Telescopic jack, 12 t/19 t
Q8R	End cross-member, reinforced	Y4J	2 wheel chocks
R0Z	Wheel-nut cap	Y4R	Inflation aid, for steep-shoulder rims
R1I	15-degree tapered rims, 9.00 x 22.5, reinforced	Y4W	Tool kit, extended
R8F	Spare wheel carrier, provisional	Y4Y	Tyre inflating hose
R8P	Spare wheel/spare wheel rim	Y4Z	Compressed-air gun, with hose
S3A	Airbag, driver	Y6A	Country-specific version
S5E	Speed limiter, 80 km/h	Z4O	Tank cross-section, narrow
S5Z	Cruise control	Z4Q	Tank cross-section, low
S8A	First aid kit	Z5L	OM 460
S8C	Hazard warning triangle	Z5M	PTO, single
S8D	Warning lamp	Z5S	Power take-off, pump, under top edge of frame
V0T	Vehicle class N3G, off-road vehicle	Z5W	Right-hand drive
V0U	Overhang angle, front, minimum 25 degrees	Z5Z	Vehicle, for left-side traffic

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