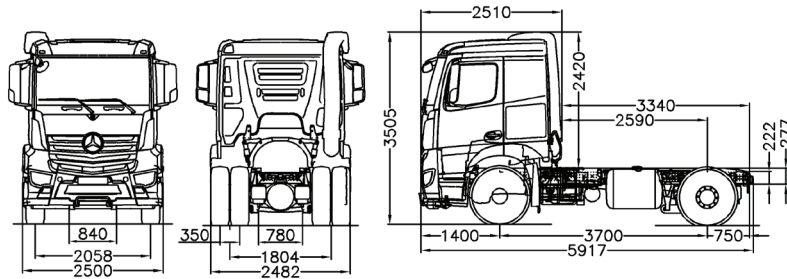


Technical Specifications

Actros 5

1836LS 4x2

Truck tractor with air suspension



General information

Baumuster	963.403
Specifications date	January 2020
Emissions standard	Euro III
Cab version	L-cab ClassicSpace, 2.30 m, tunnel 170 mm
Wheelbase	Wheelbase 3,700 mm
Rear overhang	Frame overhang 750 mm

Dimensions [mm]

	Laden	Unladen
Frame height at front	996	1,085
Frame height at rear	1,014	1,049
Total height incl. air intake	3,505	
Ground clearance at front	322	
Ground clearance at rear	244	
Turning circle [m]	15.00	

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 211-12/14.93-1.0
	Axle ratio i = 2.846

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Chassis

Front springs	Front springs, 8.0 t, 2-leaf		
Rear springs	Air suspension, rear axle		
	Axes	Tyres	Wheel rims
Front axle	Front axle 8.0 t	315/80 R 22.5	15-degree tapered rims, 9.00x 22.5, reinforced
Rear axle	Rear axle, crown wheel 440, hypoid, 13.0 t	315/80 R 22.5	15-degree tapered rims, 9.00x 22.5, reinforced

Equipment

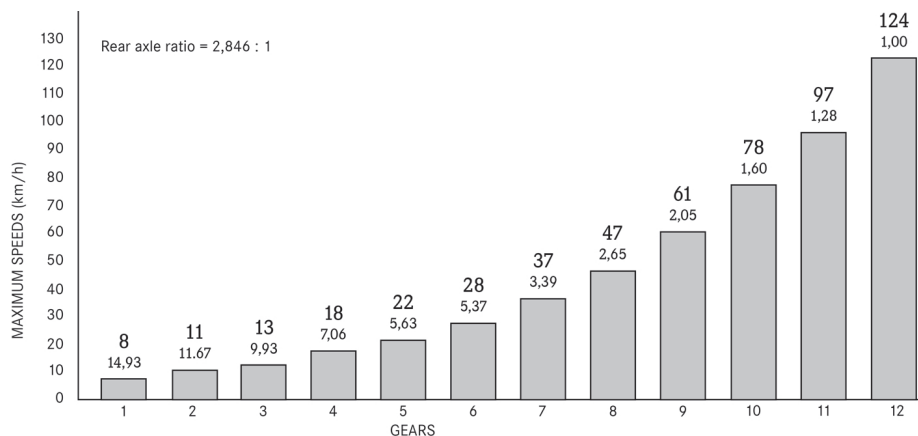
Brakes	Disc brakes on front and rear axle
Braking system	Electronic braking system with ABS and ASR
Engine brake	Exhaust brake, standard system
Battery	Batteries 2 x 12 V/ 170 Ah, low-maintenance
Battery carrier	Battery carrier, batteries side by side
Fuel capacity	390l, Left
Steering	Steering, single-circuit
Frame	High-strength with continuous U-section side members with constant web height, hole pattern 50x50 mm, frame track at rear 834 mm

Vehicle Masses [kg]

	Front Axle	Rear Axle	Total
Manufacturer's mass	8,000 (GA)	11,500 (GAU)	18,000(GVM)
Permissible mass	7,700 (A)	9,000 (AU)	16,700 (V)
Tare mass**	4,963	2,057	7,020
Payload/fifth-wheel load	2,251	6,943	9,194
Manufacturer's gross combination mass (GCM)	44,000		
Permissible drawing vehicle mass (D/T)	44,000		

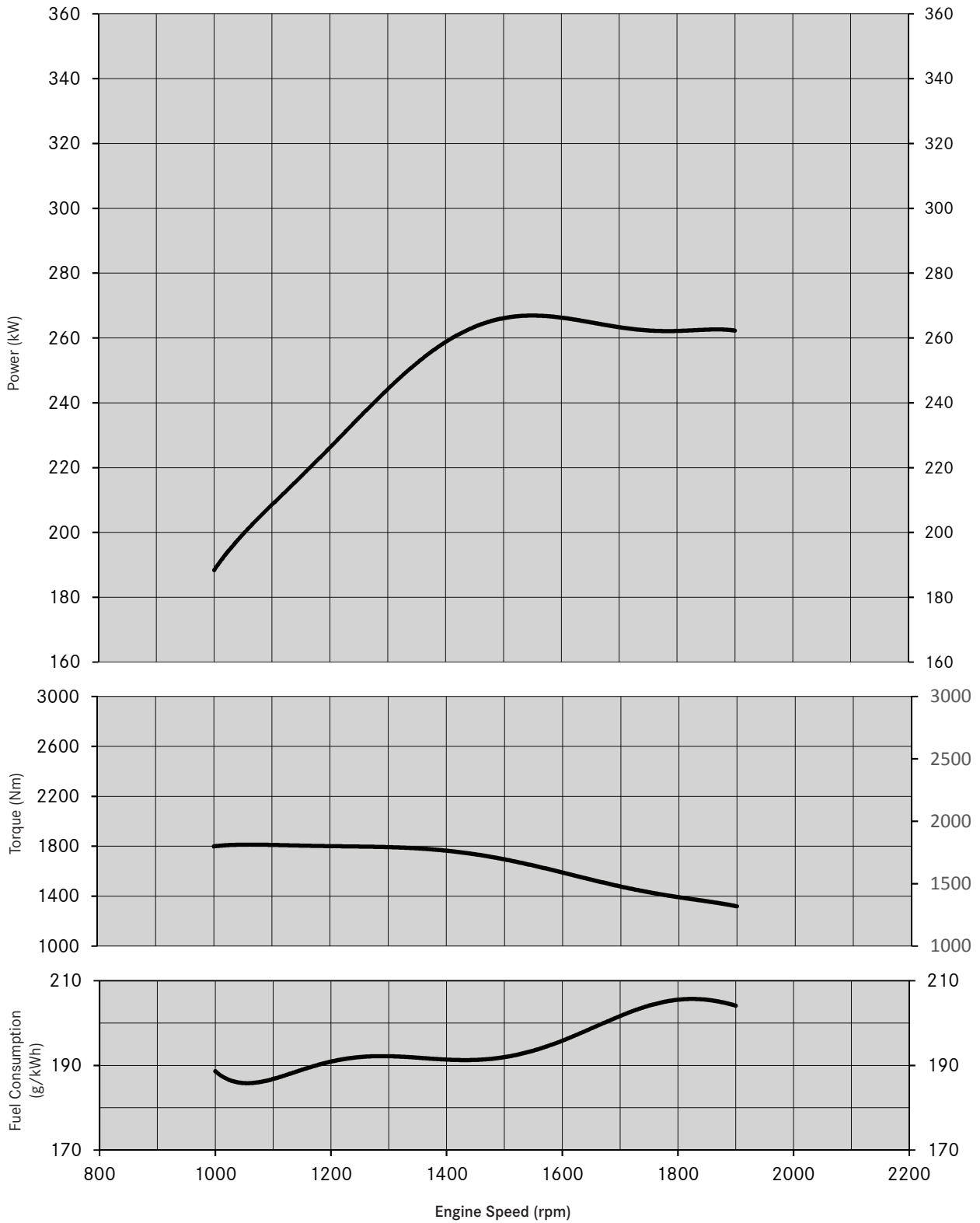
** Tare Mass refers to the mass of the unladen vehicle in ready to drive condition, chassis with cab and / or coupling device for truck tractors . Including coolant, oils, spare wheel but excluding fuel and driver as per the National Road Traffic Act (NRTA) regulations.

Road speeds (theoretical) in km/h at 1 800 r/min



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Power, Torque

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

Stationary full load curves

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Sales Codes in Alphabetic Order

A1D	Front axle 8.0 t	E6A	Trailer socket,24V,15pin
A1Y	Front axle, straight version	E6Z	Reversing buzzer
A2E	Rear axle, crown wheel 440, hypoid, 13.0 t	E7F	Cable remote control for air suspension
A5D	Axle ratio i = 2.846	F0F	Side module, N3 vehicle
B1B	Electronic braking system with ABS and ASR	F0X	Mirror cover, on-road vehicle
B1F	Heating, electronic air-processing unit	F1D	L-cab ClassicSpace, 2.30 m, tunnel 170 mm
B1H	Electr. compressed air supply and control, centre	F1R	L-cab
B2A	Disc brakes on front and rear axle	F2E	Floor var. tunnel 170mm, for stowage compart. Left
B2X	Parking Brake electronic	F2G	Cab width 2.30 m
B4A	Condensation monitoring, for compressed air system	F2N	Cab, 600 mm attachment height
B4M	Air reservoir, steel	F2U	ClassicSpace
B5I	Brake and electrical connections, high	F3A	Cab mountings, standard, steel-sprung
C0A	Frame overhang 750 mm	F3E	Cab mountings, rear, reinforced
C1W	Wheelbase 3700 mm	F3W	Cab tilting mechanism, mechanical-hydraulic
C5B	Step plate above frame, partial cover	F4H	Cab rear wall, without window
C5D	Step, behind cab, left	F4X	Stowage compartment exterior flap, left
C5P	Bolted frame	F4Y	Stowage compartment exterior flap, Right
C6C	Steering, single-circuit	F5Y	A-pillar trim
C6J	Power steering pump, uncontrolled	F6D	Windscreen, tinted, with filter band
C6Q	Stabiliser, front axle	F6I	Front mirror, heated
C7F	Front underride guard (ECE), aluminium	F6L	Main mirror, manoeuvring setting, co-driver's side
C7I	Battery cover, lockable	F6Q	Air horn
C7J	Battery carrier, batteries side by side	F7B	Bumper,with steel corners
C7Z	Frame, non-assembled, stage II (CKD)	F7C	Bumper centre section with towing eyes
C8T	Deletion, wings for chassis transit	F7T	Door extension
C8W	Omission of underbody panelling, aerodynamic	F7X	Cab entrance steps,rigid
D0S	Compressed-air connection, in cab	F8B	2 remote control keys
D1B	Driver's suspension seat, standard	F8E	Locking system, with central locking
D1N	Fold-up co-driver's seat	F8F	Extended central locking
D2N	Driver's seat backrest, release mechanism	F8H	2 remote control keys, additional
D2W	Armrests on both sides, co-driver's seat	F8W	Rain sensor
D2Y	Seat belt monitor	G0U	Drive program economy
D3B	Luxury bed, bottom	G2B	Transmission G 211-12/14.93-1.0
D3X	Seat cover, flat-weave fabric	G5A	Single-disc clutch
D4Y	Sunblind, side, driver's side	G5G	Mercedes PowerShift 3
D5Y	Rubber mats, driver's and co-driver's side	H2C	Fifth-wheel lead +600 mm
D6F	Air conditioning system	J1E	Instrument cluster, 12.7 cm, with add. displays
D6Z	Construction-site filter	J1Z	Speedometer, deletion, tachograph
D7G	Stowage compartment lid, driver and co-driver side	J2H	Multimedia Radio Touch
D7J	Drawers, under bed	J2I	Standard loudspeaker
D7R	Stowage flaps, above windscreen	J3R	Truck Data Center 7 (FB Card)
D8A	Roof hatch/vent, roof	J3Z	Axle load measuring device
E1M	Alternator, 28V/150A	J6A	Classic cockpit
E1Z	AGM-Batteries, 2 x 12 V/220 Ah, maintenance-free	J8Z	Pre-install.for Truck Data Center 7 (FB Card)
E3B	Connection point 12V/15A, for auxiliary consumers	K0T	Main tank, left
E3E	Additional socket, 12 V/15 A, co-driver footwell	K1K	Tank, 390 l, left, 650 x 700 x 1000 mm, aluminium
E3L	Socket, 24 V/15 A, co-driver footwell	K5M	Tanks, lockable
E3W	PSM, 2nd generation	K5Q	Fuel screen, tank filler neck
E5A	No. 1 switch, for non-MB body electrics	K7D	Exhaust system, tailpipe to right and outwards
E5H	Switch for night-time driving light	L0A	Illumination regulation, in acc. with UN-R 48.06

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Sales Codes in Alphabetic Order

L1I	Fog lamps, LED daytime running lamps	S3A	Airbag, driver
L1P	LED tail lights	S5E	Speed limiter, 80 km/h
L2H	Side marker lamps, flashing	S5Z	Cruise control
M0A	Engine mounts, reinforced	S8A	First aid kit
M0C	Bottom shell to prevent swirling-up of dust	S8C	Hazard warning triangle
M0Z	Noise regulation acc. to UN-R 51.03, phase 1	S8D	Warning lamp
M3H	Engine OM460, inline 6, 12.8 l, 265kW (360hp), 1800 Nm	V0S	Vehicle class N3
M5U	Exhaust brake, standard system	V1A	Actros New
M5W	Engine version, Euro III	V1W	Standard
M6L	Air compressor, 2-cylinder	V2B	Actros model generation5
M7I	Insect screen in front of cooling system	V8A	Chassis number FIN
M7V	Cooling output for very hot regions	W0L	Weight variant 18.0 t (8.0/13.0)
M8B	Air intake behind cab, mounted	X1A	Instrument/labels/documentation, English
M8Y	Fuel pre-filter, chassis-mounted, additional	X2I	Model plate, export
M9Z	Deletion of radiator shutter	X3W	Powertrain warranty as per T and Cs 3yrs/450,000km
N2E	PTO MB 131-2c, pump	Y4A	Telescopic jack, 12t/19t
N6Z	Transmission oil cooling	Y4I	1x wheel chock
Q0W	Fifth-wheel coupling ex factory	Y4W	Tool kit, extended
Q1T	Front spring, 8.0 t, 2-leaf	Y4X	Tyre inflating hose, 25m
Q3Y	Lowered frame, w/o residual bellows pressure ctrl.	Y4Z	Compressed-air gun, with hose
Q4K	Fifth wheel coupling height = 185 mm	Z4O	Tank cross-section, narrow
Q4X	Fifth wheel coupling, manually lubricated	Z4R	Tank cross-section, high
Q5Q	Fifth wheel coupling, standard, Jost JSK 37C	Z5L	OM 460
Q6D	Mounting plate, 40mm, 20t	Z5M	PTO, single
Q6Z	Fifth-wheel coupling with hole pattern	Z5P	Clutch supplier F&S
R1I	15-degree tapered rims, 9.00 x 22.5, reinforced	Z5S	PTO, pump, u. top of frame
R8F	Spare wheel carrier, provisional	Z5W	Right-hand drive
R8P	Spare wheel/spare wheel rim	Z5Z	Vehicle, for left-side traffic
S1D	Stability Control Assist (ESP)	Z8Z	Container Packing CKD
S1H	Lane Keeping Assist	Z9X	Consolidated consignment (CKD)
S1L	Attention Assist	Z9Y	Delivery condition (CKD)

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