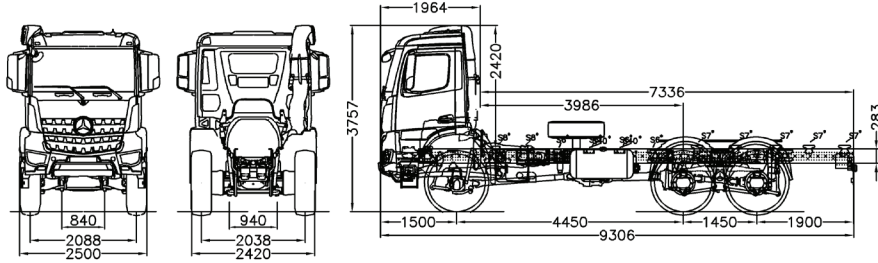


Technical Specifications

Arocs 5

3345A 6x6

Freight Carrier with steel suspension



General information

| | |
|---------------------|---|
| Baumuster | 964.018 |
| 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 1,950 mm |

Dimensions [mm]

| | Laden | Unladen |
|-------------------------------|-------|---------|
| Frame height at front | 1,231 | 1,337 |
| Frame height at rear | 1,237 | 1,305 |
| Total height incl. air intake | 3,757 | |
| Ground clearance at front | 421 | |
| Ground clearance at rear | 377 | |
| Turning circle [m] | 22.80 | |

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 |

Note: Subject to change without notice. All the information in this data sheet should be viewed as indicative. Please consult your Mercedes-Benz commercial vehicle dealer for final details.
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Chassis

| | | | |
|---------------|---|------------|---|
| Front springs | Front springs, 9.0 t, 4-leaf | | |
| Rear springs | Leaf suspension, rear axle | | |
| | Axes | Tyres | Tyres |
| Front axle | Front axle 9.0 t | 14.00 R 20 | Wide-base rims, 10.00W-20, tube, single tyres |
| Rear axle | Rear axle, crown wheel 300, planetary, 13.4 t | 14.00 R 20 | Wide-base rims, 10.00W-20, tube, 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 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 |

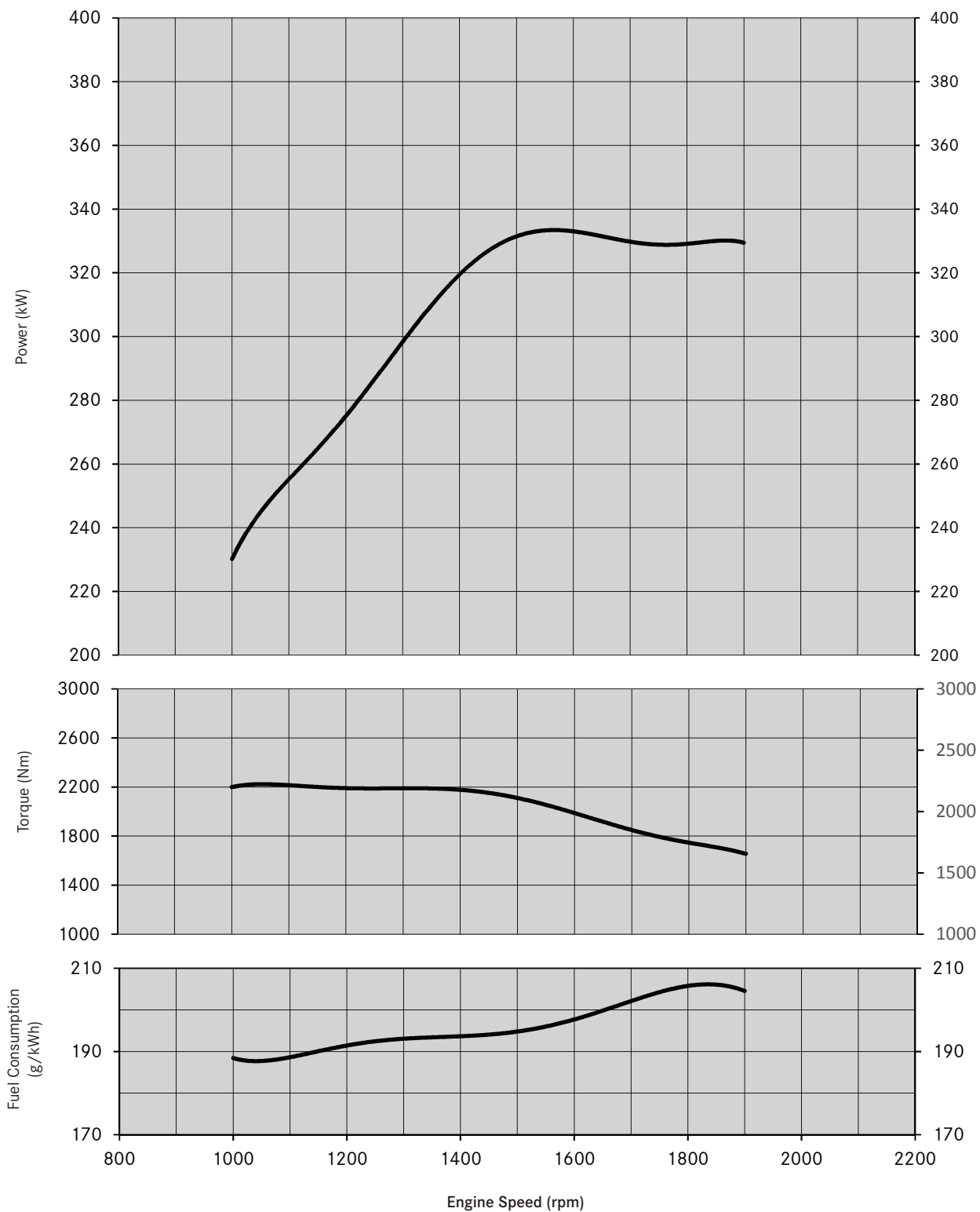
Vehicle Masses [kg]

| | Front Axle | Rear Axle | Total |
|---|------------|--------------|--------------|
| Manufacturer's mass | 9,000 (GA) | 18,000 (GAU) | 27,000 (GVM) |
| Permissible mass | 7,700 (A) | 16,000 (AU) | 23,700 (V) |
| Tare mass** | 5,847 | 4,676 | 10,523 |
| Payload/fifth-wheel load | 1,653 | 13,324 | 14,977 |
| 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

| | | | |
|-----|---|-----|--|
| A1E | Front axle 9.0 t | F1S | S-cab ClassicSpace, 2.30 m, tunnel 320 mm |
| A1W | Differential lock, front axle | F2C | Floor variant, tunnel 320 mm |
| A1Y | Front axle, straight version t | F2G | Cab width 2.30 m |
| A2G | Rear axle, crown wheel 300, planetary, 13.4 t | F2N | Cab, 600 mm attachment height |
| A6J | Axle ratio i = 5.333 | F2U | ClassicSpace |
| B1A | Electronic braking system with ABS | F3A | Cab mountings, standard, steel-sprung |
| B1F | Heating, electronic air-processing unit | F3E | Cab mountings, rear, reinforced |
| B1H | Electr. compressed air supply and control, centre | F3W | Cab tilting mechanism, mechanical-hydraulic |
| B1Z | ABS, disengageable | F4I | Cab rear wall, with window |
| B2B | Drum brakes on front and rear axle | F5L | Sun visor, exterior, transparent |
| B2X | Parking Brake electronic | F5Y | A-pillar trim |
| B3H | Voith SW Retarder | F6C | Windscreen, tinted |
| B4A | Condensation monitoring, for compressed air system. | F6I | Front mirror, heated |
| B4M | Air reservoir, steel | F6Q | Air horn |
| B5B | Trailer brake, 2-line | F7B | Bumper,with steel corners |
| C0Z | Frame overhang 1950 mm | F7D | Bumper centre section w. towing eyes, coupling jaw |
| C2N | Wheelbase 4500 mm | F7Y | Cab entrance, left/right, movable |
| C5I | Mounting parts, for platform | F8B | 2 remote control keys |
| C5P | Bolted frame | F8E | Locking system, with central locking |
| C6C | Steering, single-circuit | F8F | Extended central locking |
| C6J | Power steering pump, uncontrolled | F8H | 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 |
| C7J | Battery carrier, batteries side by side | G2D | Transmission G 280-16/11.7-0.69 |
| 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 | G5B | Double-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 | Fuel screen, tank filler neck |
| E1M | Alternator, 28V/150A | K7D | Exhaust system, tailpipe to right and outwards |
| E3B | Connection point 12V/15A, for auxiliary consumers | K7F | Exhaust system, offset, for large tyres |
| E3E | Additional socket, 12 V/15 A, co-driver footwell | L0A | Illumination regulation, in acc. with UN-R 48.06 |
| E3L | Socket, 24 V/15 A, co-driver footwell | L1I | Fog lamps, LED daytime running lamps |
| E3W | PSM, 2nd generation | L1P | LED tail lights |
| E5A | No. 1 switch, for non-MB body electrics | L2H | Side marker lamps, flashing |
| E6A | Trailer socket, 24 V, 15-pin | L4Z | Protective grille, metal, for headlamps |
| E6Z | Reversing buzzer | L9A | Pre-installation for rotating beacons |
| F0G | Side module, N3G vehicle | M0A | Engine mounts,reinforced |
| F0Y | Mirror cover, construction vehicle | M0C | Bottom shell to prevent swirling-up of dust |
| F1P | S-cab | M0Z | Noise regulation acc. to UN-R 51.03, phase 1 |

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Sales Codes in Alphabetic Order

| | | | |
|-----|--|-----|--|
| M3K | Eng. OM460, inline 6, 12.8 l, 330kW (449hp),2200 Nm | S8D | Warning lamp |
| M5U | Exhaust brake, standard Exhaust brake, standard system | V0T | VC N3G, off-road vehicle |
| 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 | W3Z | Weight. var. 27t, 9/9/9 |
| 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 | X3Z | Powertrain warranty as per T and Cs 3yrs/250,000km |
| N2E | PTO MB 131-2c, pump | Y4A | Telescopic jack, 12t/19t |
| N6Z | Transmission oil cooling | Y4J | 2 wheel chocks |
| Q1Y | Front ,9.0 t, 4-leaf | Y4W | Tool kit, extended |
| Q2Y | Rear springs, 2 x 18.0 t, for axle spacing 1450 mm | Y4X | Tyre inflating hose, 25m |
| Q8M | End crossmember lower, reinforced | Y4Z | Comp. air gun, with hose |
| Q9B | Pre-inst. retrofit trail. coup. centre-axle trailer | Y6A | Country-specific version |
| R0V | Vehicle adaptation, large tyres | Z4O | Tank cross-section,narrow |
| R4Z | Wide-base rims, 10.00W-20, tube, single tyres | Z4Q | Tank cross-section, low |
| R8F | Temp. spare wheel carrier | Z5L | OM 460 |
| R8P | Spare wheel/rim | 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,LHS,traffic |
| S8C | Hazard warning triangle | | |

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