



THE ACTROS L

Range Guide

- Industry-leading GSR2 equipment
- Sound and heat insulation offers a higher standard of driving and living comfort
- See more clearly with optional LED headlights
- Enjoy more comfortable living with the option of three individually selectable roof variants
- More comfortable driving experience with class-defining assistance systems
- Lower seating position and seat trims offer improved driving comfort
- HVO compatible



THE ACTROS L

2.50m L-cab, flat floor

Highest living comfort for drivers:

- Enhanced cab noise insulation and enhanced heat insulation
- Seat upholstery fabrics and interior trim, enhanced visual appearance
- Mattress topper; more comfortable, more hygienic, greater longevity

Benefits

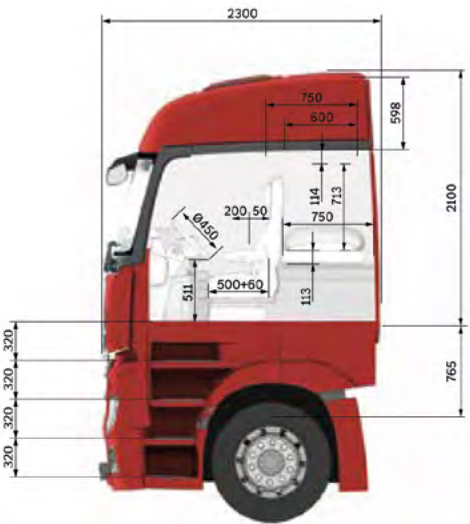
For our customers and drivers:

- Enhanced comfort for drivers
- Relaxed driving
- Better living

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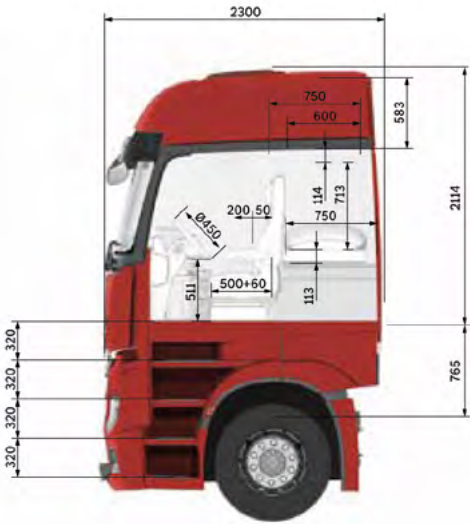
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CABS



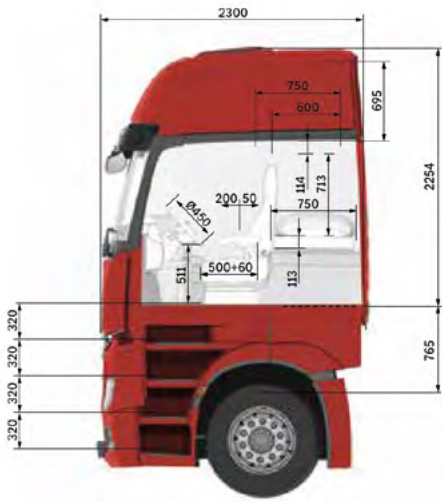
StreamSpace L-cab

Exterior width: 2500mm
 Headroom between the seats: 1970mm
 Headroom in front of the seats: 1830mm



BigSpace L-cab

Exterior width: 2500mm
 Headroom between the seats: 1990mm
 Headroom in front of the seats: 1910mm



GigaSpace L-cab

Exterior width: 2500mm
 Headroom between the seats: 2130mm
 Headroom in front of the seats: 2050mm

Class-leading measurements for GigaSpace

- Leading exterior width
- Standing height
- Driver's seat travel (max)
- Bunk length (head to foot)



L-cab

Exterior width: 2500mm



GigaSpace L-cab

Exterior width: 2500mm

ENGINES

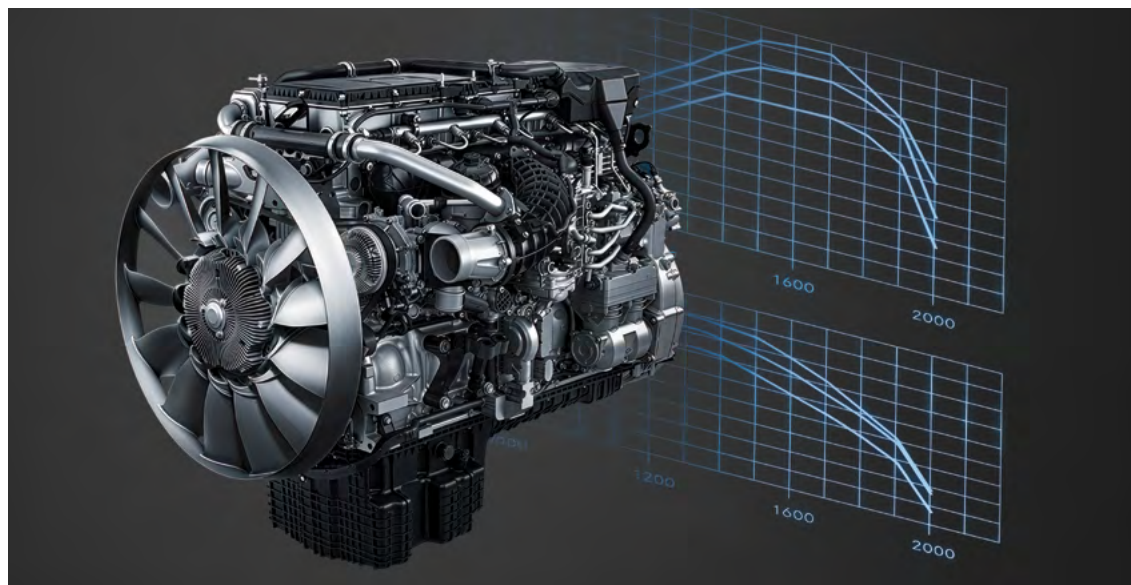
	Designation	Power Rating		Torque	
		kW/hp	@ rpm	Nm	@ rpm
OM 470 10.7L displacement Inline 6-Cylinder	xx33	240 / 326	1600	1700	1100
	xx36	265 / 360	1600	1800	1100
	xx40	290 / 394	1600	1900	1100
	xx43	315 / 428	1600	2100	1100
	xx46	335 / 456	1600	2200	1100
OM 471 12.8L displacement Inline 6-Cylinder	xx42	310 / 421	1600	2100*	1100
	xx45	330 / 449	1600	2200*	1100
	xx48	350 / 476	1600	2300*	1100
	xx51	375 / 510	1600	2500	1100
	xx53	390 / 530	1600	2600	1100
OM 473 15.6L displacement Inline 6-Cylinder	xx52	380 / 517	1600	2600	1100
	xx58	425 / 578	1600	2800	1100
	xx63	460 / 625	1600	3000	1100

*Engines available with 200Nm additional torque in top gear when specified with certain axle ratios and tyres.

Top Torque releases an additional 200 Nm from seventh gear to twelfth gear in A-Standard/ A-Power drive modes. This makes it easy to perform better on hills and when accelerating. The extended Top Torque is available for the 330 kW (449 hp) and 350 kW (476 hp) engine power ratings and the G281 transmission.

Transmission

With improved torque build-up at low rev speeds, start-up is smoother than ever and PowerShift Advanced simplifies starting and gear shifting behaviour: shifting times are up to 40% faster in the upper gears, thereby reducing torque disruption.



PAINT ZONES



Cab Paint



LZ31
Exterior Mirrors



LZ33
Grille



LZ38
Front Bumper



LZ46
Door Extensions & Toolboxes



LZ37
Detachable Cab Parts
(LZ38+LZ46)



LZ43
Side Collars



LZ44
Air Deflector



LZ40
Air Deflector & Side Collars



LZ41
Side Skirts



LZ42
Air Deflector, Side Collars
& Side Skirts



LZ45
Full Paint (LZ31+LZ33+LZ37
+LZ40/LZ42)

ADDITIONAL PAINT CODES

F6V

MirrorCam bracket, top cover chrome, lower cover painted in cab colour. This option code additionally paints the trim cover at the bottom of the window. The MirrorCam arm always remains black.

MORE EFFICIENCY

Standard



Eco Driver feedback

Customer benefits:

- Assistance to enhance driving techniques
- Potential fuel savings
- Reduced wear on the truck



Third generation engine - OM 471 only

Customer benefits:

The third generation OM 471 engine offers superior efficiency, reducing fuel consumption by up to 4%, which translates into cost savings and lower emissions. A more responsive pedal provides a dynamic response when starting off and makes it easier to drive through roundabouts and accelerate out of them with confidence. PowerShift Advanced allows for easy gear shifting with increased efficiency in the upper gears. Manoeuvring is now more comfortable with a progressive feel in the lower pedal travel. The direct response in the upper pedal travel provides a more dynamic response when starting off. It also makes it easier to drive through roundabouts and accelerate out of them with confidence.



HVO compatible

Customer benefits:

All Mercedes-Benz engines are designed to operate with paraffinic diesel fuels, approved according to EN 15940 without any modifications, providing a real opportunity to reduce emissions by up to 90%.



Factory airkit

Customer benefits:

- Improved aerodynamics in StreamSpace and BigSpace cab thanks to air deflectors with base panel on the roof and side deflectors.
- Contributes to vehicle economy thanks to reduced energy demands and optimised aerodynamics
- Visually upgrades the vehicle thanks to a more dynamic overall appearance



Rolling resistant optimal tyres

Customer benefits:

- Optimal CO₂
- Optimal fuel efficiency



MORE SAFETY

Standard

Active Brake Assist 6

Under optimal conditions and within the system limits, Active Brake Assist 6 can assist the driver by applying full braking in the event of stationary or moving objects, e.g. cars/trucks, as well as partial or full braking in the event of moving pedestrians and cyclists. In this way, accidents can be reduced or prevented altogether.

The sixth generation uses 270 degree detection of the surroundings with additional radar sensors in the area of the headlamps and the front mudguards. In addition to the enlarged monitoring range, it was also possible to extend the response to moving pedestrians to a speed range of up to 60 km/h. In addition, the system reacts to oncoming and crossing cyclists up to a differential speed of 60 km/h.

Like its predecessor, Active Brake Assist 6 can also react with automated full braking (so-called emergency braking) to people who are crossing, oncoming or walking in the vehicle's lane. The reaction to corresponding cyclists is also new. Oncoming or crossing vehicles are not taken into account. The system also makes it possible to considerably improve prevention of accidents involving moving or stationary vehicles even at speeds of up to 90 km/h.

Customer benefits:

- 270 degree detection of surroundings (sensor fusion)
- More efficient object and situation detection
- Extended reaction to persons and cyclists up to 60 km/h
- Extended reaction to moving and stationary vehicles in bends with a large radius
- Greater availability (omission of override due to direction indicator actuation)
- Speed-independent activation of the hazard warning lights in the event of emergency braking
- Good availability in poor visibility (radar only)
- Possible reduction of the danger of collisions with vehicles travelling in front and accidents involving pedestrians
- Possible reduction or mitigation of accident severity within the system limits
- Possible reduction of unscheduled workshop repairs due to accident damage
- Possible reduction in damage to property and personal injury
- Possible reduction in insurance premiums due to bonuses from some insurers
- Possible reduction in injury-related employee absences



MirrorCam

The Actros is equipped with the innovative, aerodynamically designed MirrorCam. Besides cutting fuel consumption by up to 1.3 %, it provides an ideal view rearward and around the area of the A pillar. In addition, MirrorCam ensures even greater safety by digitally shifting the camera image when manoeuvring, turning off and changing lanes.

Customer benefits:

- Fuel consumption reduction of up to 1.3 % thanks to aerodynamic design of the camera arms
- Improved view of the road across the A-pillar thanks to omission of the mirrors which otherwise restrict the view (e.g. on roundabouts)
- Greater safety when changing lane is afforded by guide lines shown in the display, plus coloured markings are shown when the turn signal is activated. These highlight the area into which the vehicle will move, thus allowing optimum distance to be maintained to the traffic behind when changing lanes
- Greater safety thanks to distance lines allowing better evaluation of the traffic behind
- Improved view of the semitrailer in bends thanks to digital shifting of the camera image.



MORE SAFETY

Standard

Frontguard Assist

Frontguard Assist can monitor the traffic area in front of the vehicle when the vehicle is stationary and in driving situations up to 15 km/h, and can provide the driver with visual information about moving persons and cyclists (moving objects) in the monitoring range in front of the vehicle.

In the event of a potential collision, the driver can be warned visually and acoustically. The monitoring range covers the blind spot in front of the vehicle (4 m) across the full width of the vehicle.

Customer benefits:

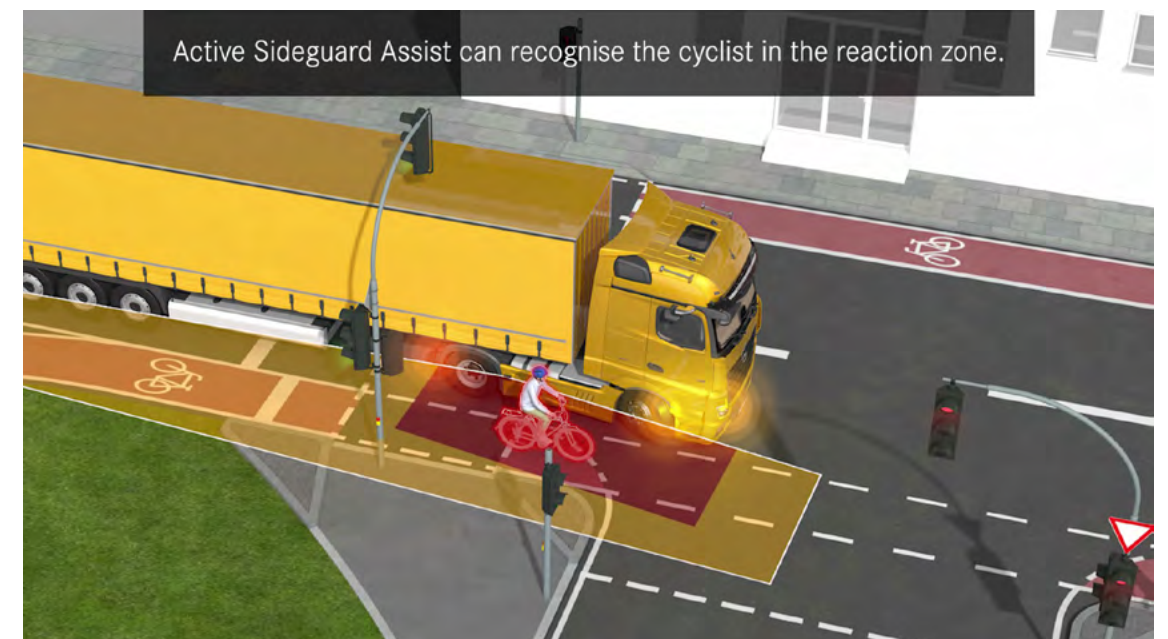
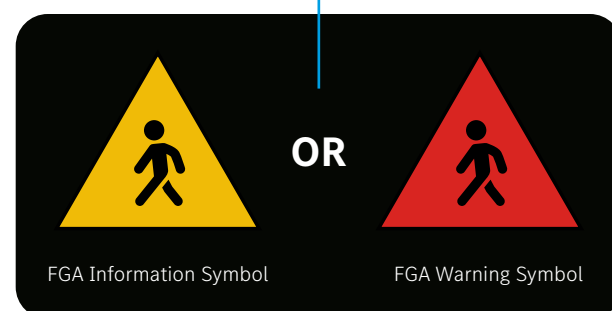
- Possible reduction of the danger of rear-end collisions and accidents involving persons in driving situations up to 15 km/h
- Possible reduction or mitigation of accident severity within the system limits
- Possible reduction in damage to property and personal injury
- Possible reduction in insurance premiums due to bonuses from some insurers
- Possible reduction in injury-related employee absences

Active Sideguard Assist 2

Active Sideguard Assist 2 is a safety assistance system which supports the driver in critical situations when turning left (left-hand drive = situations when turning right) when visibility is possibly restricted. Active Sideguard Assist 2 can now also react with a braking intervention when turning. The system can help avoid critical situations involving cyclists or pedestrians - within its system limitations - or mitigate the consequences of accidents when turning off. Active Sideguard Assist 2 also supports the driver when changing lanes to the left or right.

Customer benefits:

- Potential reduction of the risk of accidents when turning and when changing lanes to the left or right
- Potential reduction or mitigation of accident severity within system limits
- Potential reduction of unscheduled visits to the workshop as a result of accident damage
- Potential reduction of scopes of damage and injury
- Potential reduction of vehicle insurance premiums due to discounts granted by some insurance companies
- Potential reduction of injury-related downtime among personnel





MORE SAFETY

Optional

Active Drive Assist 3 (Code: S2H)

The Active Drive Assist 3 driving assistance system is a further development of the second-generation Active Drive Assist (S2A).

Active Drive Assist 3 features a stop-and-go function, brakes and accelerates automatically, and helps drivers in maintaining a safe distance from the vehicle in front. It takes over the longitudinal and lateral control of the vehicle and automatically keeps it in lane (Lane Keeping). If the vehicle unintentionally leaves the lane, Active Drive Assist 3 actively steers it back into the lane (= Lane Departure Protection). Using the radar sensor system on the driver/front passenger side, the system can detect a potential collision when changing lanes, warn the driver and react with active return to the lane.

The system does so by innovatively combining the functions of separate systems, making it possible to already use partially automated driving today. This can offer the driver particularly high ride comfort and increased safety.

In this process, the system uses the advanced radar and camera technology of Active Brake Assist 6 and Proximity Control Assist. The Lane Keeping Assist has the function to warn the driver with an audible signal when crossing the lane. The electrically assisted Servotwin steering takes over lane keeping or ensures that the truck is actively returned to the lane when it leaves it. The active Lane Departure Protection function requires that the lane detection is sufficient, Active Drive Assist 3 is active and Lane Keeping Assist is switched on.

Active Drive Assist 3 also has an emergency stop function. This function brings the vehicle to a standstill by means of moderate, automatic braking, if the driver no longer reacts.

Customer benefits:

- Helps to relieve the driver and contributes to increased driving comfort
- Favours an economical and relaxed driving style
- Can contribute to increased driving safety, above all on long journeys and in stop-and-go traffic
- Can reduce the risk of rear-end collisions and accidents due to unintentionally leaving the lane
- Can increase safety for the driver and other road users in the event of unforeseen health problems



MORE COMFORT

Standard



Seat base, 40mm lower, new seat upholstery fabrics

Customer benefits:

- Increased seat adjustment range
- More relaxed driving



Interior door panelling

Customer benefits:

- Enhanced visual appeal
- Greater longevity



Mattress topper

The mattress topper is made of high-quality visco-elastic foam with a thickness of 45mm.

Customer benefits:

- Greater relaxation thanks to the very high sleep and rest comfort which is afforded by the additional mattress topper
- More hygienic as it is possible to use personal mattress toppers
- Easy to air and to clean
- A mattress topper contributes towards extending the service life of the actual mattress



Noise and heat insulation for cab

Customer benefits:

- Increased noise comfort during driving and in breaks
- Cab interior noise level noticeably reduced
- Increased comfort thanks to delayed heat and cold transfer



Headlight design

Customer benefits:

- Enhanced visual appeal with titanium grey making them a distinctive visual highlight on the Actros L

MORE COMFORT

Optional

Accessories, Interior Line (Code: 030)

Customer benefits:

- New all-round curtain; melange on the inside, black on the outside
- New curtain in front of bed with Mercedes-Benz star on a black background and melange on reverse side
- Floor mat, 3-piece with double stitching in silver grey (driver, engine tunnel, co-driver) and Mercedes-Benz star
- Visually upgrades and personalises the interior
- Enhances the sense of well-being and sleeping comfort



MORE COMFORT

Optional

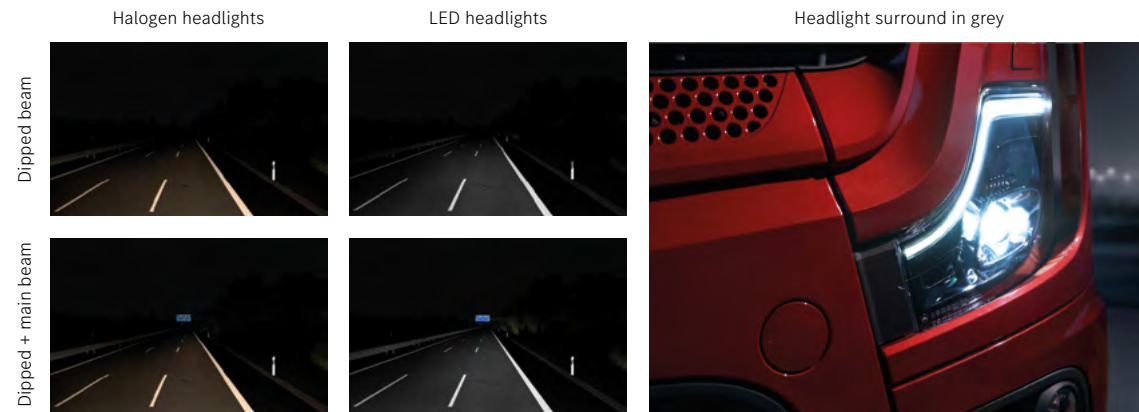
LED headlights/LED turn signals in light signature (Code: L1W/L1G)

Customer benefits:

- Safety: very good illumination of the roadway thanks to the high light output
- Main beam with higher luminosity compares to bi-xenon headlights
- Very easy to maintain: higher service life compared to regular bulbs
- Higher energy saving compared to regular bulbs

All functions with LED technology:

- Daytime running lights
- Position light
- Dipped beam
- Main beam
- Turn signals



Mattress, PremiumComfort, bottom (Code: D3M)

Customer benefits:

- Enhanced sleeping and rest comfort thanks to individual support of the different parts of the body by the multi-zone mattress
- Ideal sleeping climate thanks to tube system with active breathing properties
- Outstanding suitability for continuous daily use thanks to permanent support provided by cold foam and hard-wearing, removable and washable quilted cover



Aircon/climate control (Code: D6G/F/C)

Customer benefits:

- Enhanced comfort for the driver during overnight stays in the cab thanks to uniform, pleasant, draught-free air conditioning, as well as increased well-being due to the option to pre-heat/air condition the cab
- Enhanced comfort and well-being thanks to reduced air humidity and pleasant temperature
- Improved operating comfort thanks to automatic adjustment of the air quantity and distribution
- Fitness of driver is maintained through appropriately adapted temperatures in the cab
- Automatic control of the interior temperature in cooling and heating modes
- When used in heating mode, the air is dried. This demists the windows
- Low-noise heating of the cab for up to two hours after the engine is switched off through integrated residual engine heat utilisation
- Simplified diagnosis through networking of all devices in the heating, ventilation and air-conditioning system via the CAN bus
- Comfortable and low-noise heating of the cab for up to 90 minutes after switching off the engine
- Use of the residual heat of the coolant to regulate the temperature of the cab reduces fuel consumption and wear



Pull-out refrigerator (Code: Y1X)

Customer benefits:

- Enhanced comfort and well-being thanks to availability of chilled beverages and food during journeys
- Provides greater independence from often expensive service stations
- The mobile design makes it easier to move around the cab and also allows the refrigerator to be used while driving




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