



THE ACTROS L PROCABIN RANGE GUIDE

Mercedes-Benz
Trucks you can trust



Contents

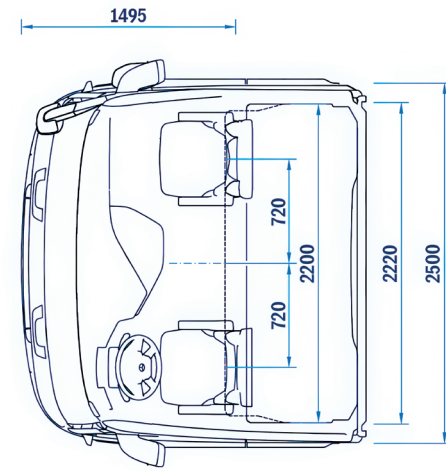
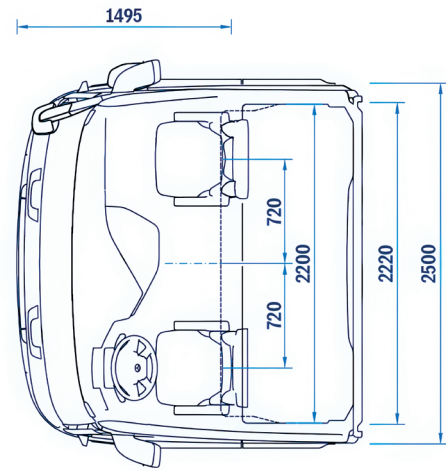
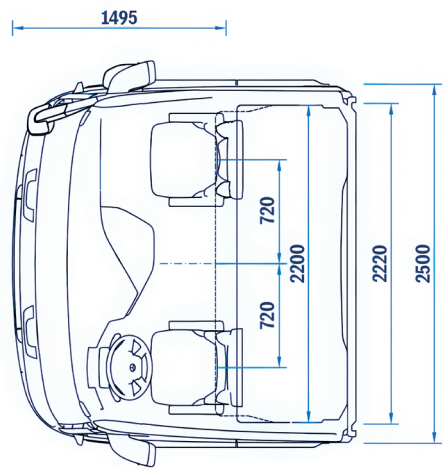
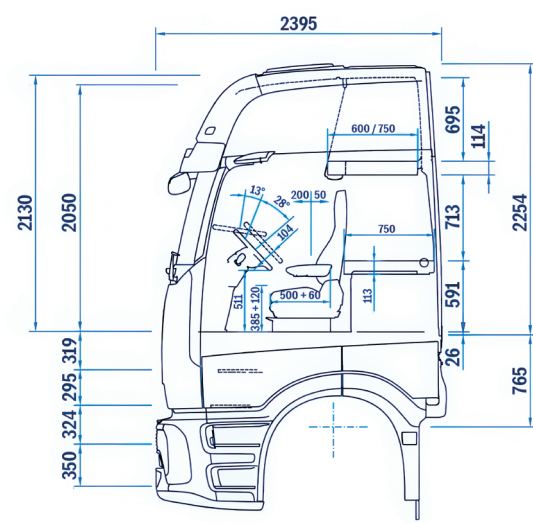
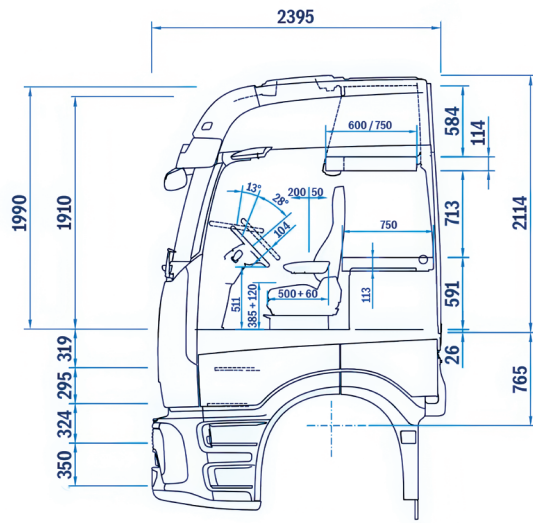
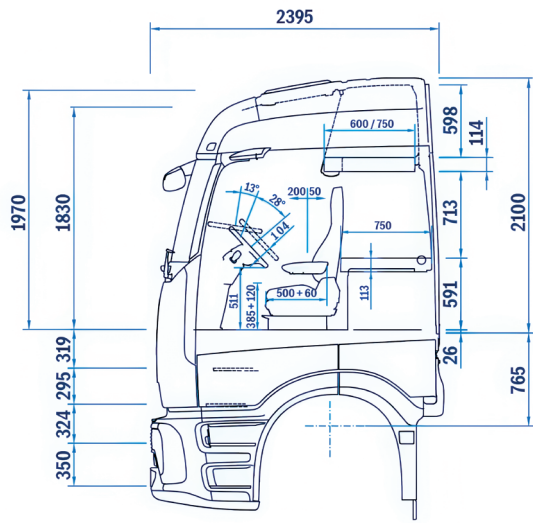
Page 4 Cabs
Page 6 Engines
Page 7 Paint Zones
Page 8 More Efficiency: Standard benefits
Page 10 More Safety: Standard benefits
Page 14 More Safety: Optional benefits
Page 16 More Comfort: Standard benefits
Page 22 More Comfort: Optional benefits

BUILT FOR COMFORT

- New aerodynamic design, reducing fuel consumption by up to 3%
- Industry-leading GSR2 equipment
- Sound and heat insulation offers a higher standard of driving and living comfort
- Standard LED headlights
- New 150 mm mattress and slatted bed base
- New Multimedia Cockpit Interactive 2
- 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
- Driver's Pack provided with each new sale which includes a jacket, cap, towel, and duffel bag



CABS



Stream

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

Big

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

Giga

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

ENGINES

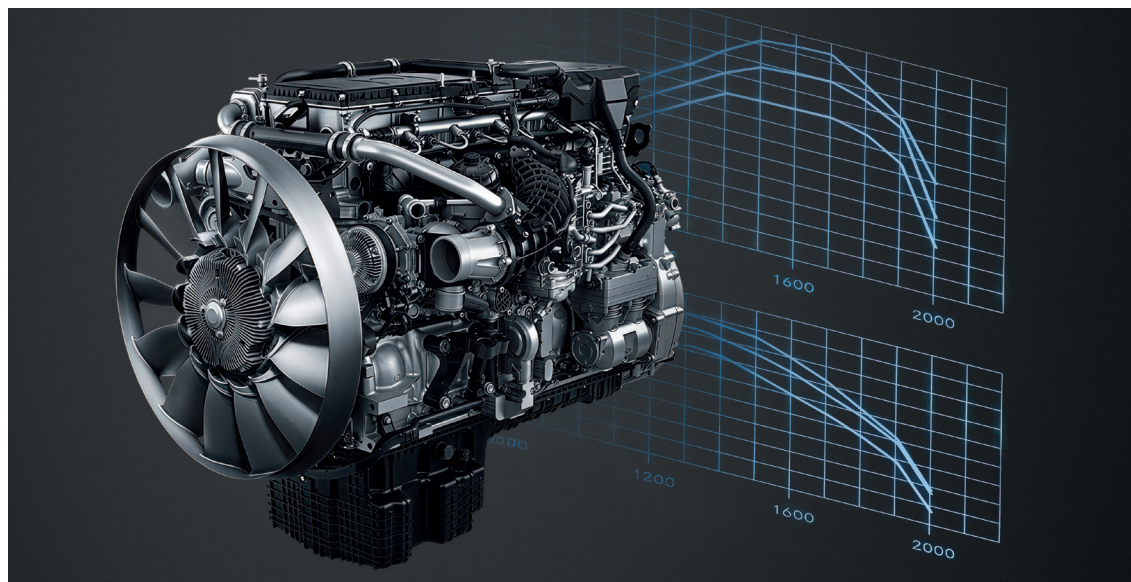
	Designation	Power Rating		Torque	
		kW/hp	@ rpm	Nm	@ rpm
OM 470 10.7L displacement Inline 6-Cylinder	xx33	240/326	1600	1700	1100
	xx36	265/360	1600	1800	1100
	xx40	290/394	1600	1900	1100
	xx43	315/428	1600	2100	1100
	xx46	335/456	1600	2200	1100
OM 471 12.8L displacement Inline 6-Cylinder	xx42	310/421	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 200 Nm 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



Exterior mirrors



Bumper paint



Air deflectors and cabside deflectors painted



Cabside deflectors painted



Air deflectors painted



Full paint finish



Trim under entrance and painted wheel housing



Painted bumper, lower entry, wheel arch



MirrorCam bracket, chrome, lower cover, cab colour



Top entrance, painted



A-pillar panel, aerodynamically optimised, painted

MORE EFFICIENCY

Standard



Eco Driver feedback

Customer benefits:

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



Third generation engine

Customer benefits:

- 3rd generation engine reduces fuel consumption by up to 4%
- Lower emissions and operating costs
- More responsive pedal for smoother starts and roundabouts
- PowerShift Advanced enables easier, more efficient gear shifting in upper gears
- Improved manoeuvrability with progressive feel in lower pedal travel
- Direct response in upper pedal travel enhances dynamic driving



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 Stream and Big 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



ProCabin aerodynamics

Customer benefits:

- 80 mm longer front end enables a completely new, even more aerodynamic design
- Every detail has been designed to divert the front air flow with as little drag as possible which results in an efficiency increase of up to 3%* compared to its predecessor

*Figure based on VECTO certification measurement with vehicles with comparable equipment.



Fuel tank

Customer benefits:

- Increase in payload thanks to lightweight aluminium design
- Safe step access to the vehicle
- High level of driving stability since splash baffles prevent the fuel splashing around

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.



Watch video here

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.

There are several useful functions built in, including trailer tracking, wide-angle manoeuvring view and distance indicator lines.

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

Front Guard Assist

Front Guard 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.

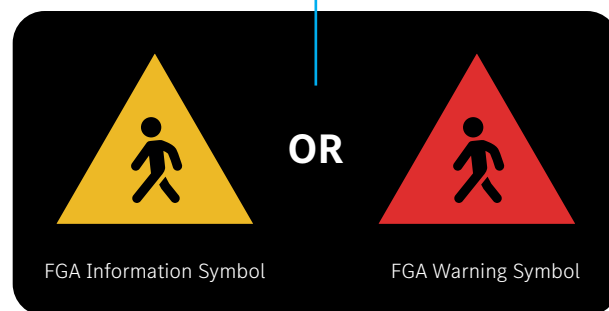
In the event of a potential collision, the driver can be warned visually and acoustically. The monitoring range covers the blind spot in front of the vehicle (4 m) across the full width of the vehicle.

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



Watch video here



Active Sideguard Assist 2

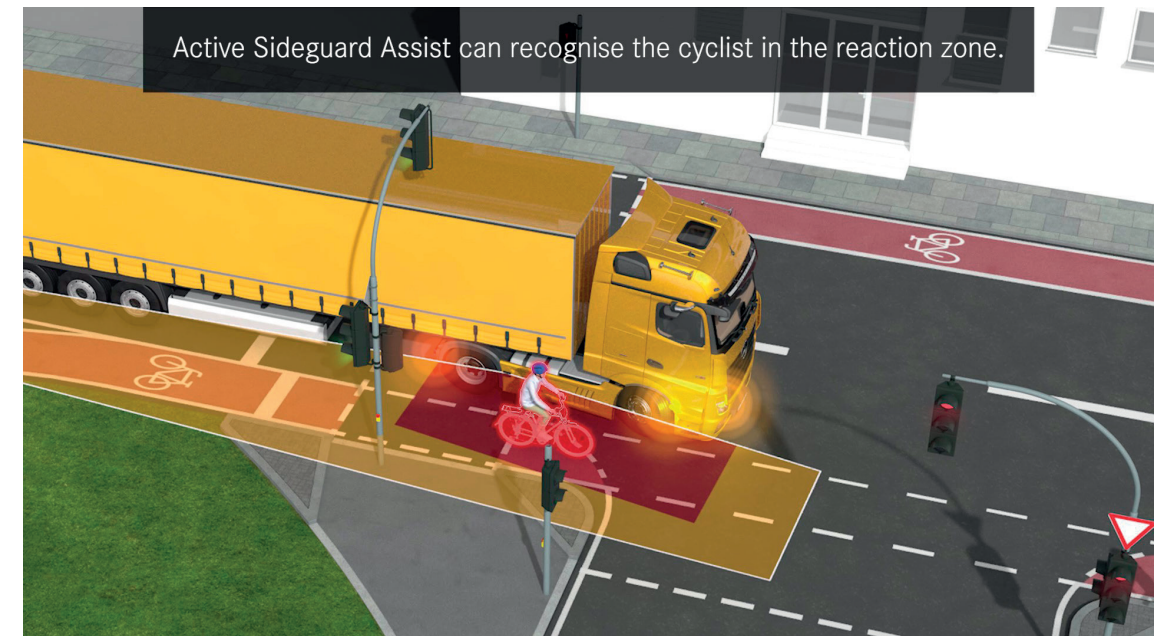
Active Sideguard Assist 2 is a safety assistance system which supports the driver in critical situations when turning left (left-hand drive = situations when turning right) when visibility is possibly restricted. Active Sideguard Assist 2 can now also react with a braking intervention when turning. The 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 scope 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



Watch video here





MORE SAFETY

Optional

Active Drive Assist 3

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

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.



Watch video here

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

Multimedia Cockpit Interactive 2

Customer benefits:

- High-performance system architecture with convenient UI/UX experience
- Simple operation by touch, voice input or steering wheel buttons of the displays and orientation in the system
- “Natural Language Understanding” (NLU) enables convenient and less constrained voice input and control
- Fast learning of the functions and thus higher productivity
- Quickly established “ready to work” status thanks to the option of personalisation and the Favourites menu
- Safer handling and thus less distraction, which contributes to increased safety
- Easy integration of mobile devices using Apple CarPlay and Android Auto via USB or wirelessly
- System or map updates are carried out conveniently by Flash-Over-The-Air (FOTA)



Mattress topper

Customer benefits:

- Enhanced recuperation thanks to very high level of sleep and rest comfort owing to the additional mattress topper
- Better hygiene possible with driver-specific allocation of mattress topper
- Easy to air and clean
- Mattress topper prolongs mattress life



Mattress, ExtraPremiumComfort, bottom

Customer benefits:

- Sleep more comfortably thanks to a particularly thick 150 mm mattress and slatted mattress support with adjustable headboard
- Breathable tube system offers optimised sleeping climate
- Excellent long-term durability with permanent support provided by the cold foam and hard-wearing, removable and washable quilted cover



Slatted bed

Customer benefits:

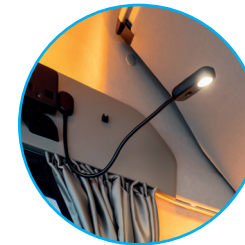
- High-quality design promotes enhanced recuperative effect thanks to very high level of sleep and rest comfort
- Height-adjustable back section for relaxing rest periods
- Individual support of different parts of the body thanks to 7-zone cold foam mattress
- Cover also suitable for sensitive persons thanks to anti-allergic impregnation
- High-quality appearance thanks to extruded aluminium profiles on the front
- Simplified access to the stowage boxes thanks to the fully folding and lockable bunk
- Simple, fast and convenient operation thanks to practical positioning of all operating elements



Gooseneck light

Customer benefits:

- Practical, additional lighting in the cockpit: Reading lamp with white LED and flexibly adjustable gooseneck
- Comfort thanks to targeted illumination of the vehicle interior
- The movable gooseneck enables flexible use for both the bunk area as well as the driver's and co-driver's area
- Perfect when resting or reading/using a phone in the bed



MirrorCam switch on bed

Customer benefits:

- Convenient checking of the vehicle surroundings is possible
- The additional checking possibility from within the bed increases safety
- Energy saving as the switch is not connected via the CAN interface



MORE COMFORT

Standard

Aircon/climate control

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

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



Driver's table

Customer benefits:

- Enhanced comfort thanks to relaxed sitting position for eating and working
- Very convenient to use thanks to fast and simple handling
- Space-saving accommodation in centre dashboard section on front passenger's side



Seat base, 40 mm lower, new seat upholstery fabrics

Customer benefits:

- Increased seat adjustment range
- More relaxed driving



Interior door panelling

Customer benefits:

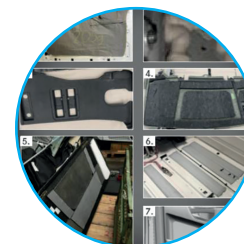
- Enhanced visual appeal
- Greater longevity



Noise and heat insulation for cab

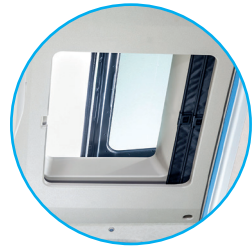
Customer benefits:

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



MORE COMFORT

Standard



Tilted sunroof

Customer benefits:

- High level of operating comfort while driving and during rest breaks thanks to adjustment at the push of a button on the dashboard and from the bottom bed
- Enhances well-being in the cab thanks to fast air exchange with individual adjustment options
- Undisturbed driving and sleep as the filter screen prevents insects and large dirt particles entering through the open roof hatch
- No glare and undisturbed sleep since the blackout blind protects against direct sunshine while on the move and against harsh light (e.g. from street lamps on rest areas) during sleep breaks
- Friendly interior atmosphere thanks to more daylight

Sunblind driver's and co-driver's side

Customer benefits:

- Increased comfort thanks to efficient protection against heat if the sun is shining from the side
- Greater driving safety due to effective glare protection against incident light from the side
- Reduced glare if light shines into the cab from the back and side



Step entrance

Customer benefits:

- Top two steps recessed from bottom two instead of vertical ladder entrance
- More friendly climb in



Extraline ProCabin trim package

Customer benefits:

- Standard on Big and Giga. Optional on Stream
- Substantial visual upgrade to the vehicle
- Greater individualisation of the vehicle
- Accentuates the vehicle dynamics
- Now includes LED light strip (Code L1L) giving unmistakable signature on the front and creating better visibility



Matrix LED headlights and intelligent light performance

Customer benefits:

- Matrix LED main headlights offer better illumination than LED headlights
- Safety: Maximum carriageway illumination thanks to the high light output and automatic light control based on the driving situation
- Improved comfort due to adaptive high-beam control
- Emotive appeal: The matrix LED headlight features a modern design that enhances the vehicle's appearance
- Maintenance-free due to the long service life of the lamps



LED work lamps, centre, right and left

Customer benefits:

- Enhanced work safety thanks to illumination of the work area when coupling and uncoupling
- The right and left work lamps improve visibility when reversing in the dark, especially in combination with MirrorCam

MORE COMFORT

Optional



Cab lock

Customer benefits:

- Greater feeling of safety in the vehicle, e.g. during overnight stays
- Additional security against unauthorised access to the vehicle
- Fulfilment of individual customer requirements



Interior alarm system

Customer benefits:

- Protection of the tractor vehicle, cab interior and semitrailer/trailer against unauthorised manipulation and intrusion
- Increased safety for driver, vehicle and cargo because potential thieves are discouraged by the vehicle's visual and audible alarm systems



Accessories, Interior Line

Customer benefits:

- New all-round curtain, beige on the inside, black on the outside
- New curtain across the cab in front of the bunk with Mercedes-Benz star on black background on the front and Mercedes-Benz star on beige background on the rear
- Three-part floor mat (driver, engine tunnel and co-driver) with black nubuck edging and a contrasting decorative seam in almond beige
- Visually upgrades and personalises the interior
- Enhances the sense of well-being and sleeping comfort



Airsprung cab mounting

Customer benefits:

- Maximum driving and suspension comfort to relieve the driver and protect the cab
- The crash element concept increases road safety for other road users by reducing the risk of the cab separating from the vehicle frame after a rear-end collision
- Optimised driving characteristics thanks to additional transverse dampers and softer guide bearings. The modifications increase ride comfort and reduce cab jerking



For further technical information on the features,
please enter the description into the 'Search' box of PIT.


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