

The CapaCity. The CapaCity L.

More space in the city.



Mercedes-Benz The standard for buses.

King of the urban jungle. The CapaCity and the CapaCity L.

Urban centres are increasingly expanding into megacities, and a mobility solution is needed to meet this challenge. A city bus with enormous capacity and surprising manoeuvrability. A city bus like the CapaCity and the CapaCity L from Mercedes-Benz-perfectly at home in the urban jungle.



CapaCity and CapaCity L: Capacities for conurbations.

The CapaCity and the CapaCity L. Two large-format buses are available from Mercedes-Benz with immediate effect. With a length of 21 metres and room for 191 passengers*, the familiar CapaCity L sets standards as the largest public transport bus. And the CapaCity. With space for 181 passengers*, it is a little shorter at 19.73 metres to meet the requirements of transport operators. Based on the Citaro modular system, a comparison between the CapaCity and CapaCity L shows that the former has two body elements fewer on each side of the joint.

The ideal choice for conurbations. Day after day, something is changing on streets in Germany, Europe and all over the world. Public transport is characterised in many places today by growing passenger numbers, leading to an increasing demand for a large-format bus in urban centres. The CapaCity and CapaCity L are ideally cast for this role. They are also perfect for specialised BRT systems with a separate lane. Their significant carrying capacity is impressive, and they offer a speedy passenger flow and excellent manoeuvrability.

The intelligent solution for high-volume routes. Steering, drive and dimensions reflect an intelligent overall concept based on tried and widely trusted series technology. The CapaCity and the CapaCity L's design leave great scope for incorporating customerspecific wishes and requirements. The ideal combination of tremendous capacity and remarkable flexibility when it comes to usage and route planning, these large buses from Mercedes-Benz contribute significantly to the reduction of inner city traffic density.







Efficiency on a grand scale.

In addition to size, the CapaCity demonstrates its value in terms of efficiency. Especially in terms of total costs per passenger, its efficiency is exceptional.

Low maintenance and consumption. A crucial factor influencing its efficiency is to be found in the CapaCity family tree. It is based on the proven Citaro platform, a requirement for ease of maintenance and repair and low upkeep costs. Both drivers and technicians will recognise the familiar Citaro features. The focus is also on efficiency when it comes to the powertrain, with the fuel-efficient Mercedes-Benz OM 470 engine of the Citaro lending this large bus its real strength.

Efficiency can be managed. To further increase the CapaCity's efficiency, the new electro-hydraulic steering feature—intelligent eco steering—is available as an option. It works as needed while contributing to reduced fuel consumption in urban scheduled services.





Top performance on the road. And in the workshop.

Benchmark for efficiency and ecology. The ease with which the CapaCity can be maintained and repaired can be traced back to its roots. Born of the seasoned Citaro modular system, it benefits in more ways than one from this pedigree. Development of this maturity reduces maintenance and repairs to a minimum. Moreover, every hand movement is familiar, right from day one. Not only are maintenance-related components in exactly the same place as with the Citaro G, they are also very easy to access. That simplifies tasks in the workshop, enhances availability and, as a result, reduces downtimes and costs.

Driven by economy and power. The Mercedes-Benz OM 470 BlueEFFICIENCY Power engine conforms to Euro VI emission standards and is ideally suited to routes with heavy passenger volumes and specialised bus rapid transit systems. Two performance classes—265kW (360 bhp) with 1,700 Nm torque and 290 kW (394 bhp) with 1,900 Nm torque—are available for this purpose. A wealth of innovation is to be found in the latest generation of this heavy-duty in-line six-cylinder engine. Significantly higher maximum injection pressure, a patented exhaust gas recirculation solution and a new turbocharger—all lowering fuel consumption by up to 2 per cent, reducing emissions and enhancing engine performance and robustness.





Outstanding Powerplant with 265 kW (360 bhp) or 290 kW (394 bhp).

Dynamic

Power transmission through torque converter automatic transmission, Voith or ZF.



Technical information: all details are now online. www.mercedes-benz-bus.com/technical-data-en

Repair & maintenance

A bus only makes money when it moves. Unscheduled maintenance increases downtimes and the effort involved in organising your fleet. Which is why Mercedes-Benz designs buses to ensure that repair and maintenance are as rare and brief as possible. Every component has an exceptionally long service life and is easily accessible. For example, all electrical cables have been relocated from the floor assembly to the ceiling midline. And, during the entire useful life of the vehicle, the OMNI*plus* service network is there to provide support with its 24h SERVICE.

Residual value

A top-class bus is an investment in its successor, because the residual value of your bus is just as important as the original investment. BusStore can secure the residual value of your vehicle if you wish and buy it back at the end of a defined period of use. In addition, many vehicles have an EU-wide valid 12-month guarantee on the complete drivetrain and individual leasing and financing options through Mercedes-Benz Financial Services.

Mark R.

Consumption

At 17%, energy consumption is an important cost factor in your CapaCity. Reductions are not just good for your balance sheet. The environment also profits as a result. A perfect interaction of automotive engineering, intelligent analysis of driving behaviour and driver training adapted to this enables you to influence both these factors in a targeted manner.

nvestment

Investing in a new bus is a decision that calls for meticulous planning. We listen carefully to meet your specific needs and to find exactly the right vehicle for you. The service package is also tailored to your business application: with Expert-Handling Training*, OMNIplus Service Contracts, vehicle management via the FleetBoard Bus Data Center and Mercedes-Benz Financial Services. With this comprehensive range of services, we offer you an ideal platform for the highest possible availability and operational readiness of your CapaCity at an attractive fixed price.

*Presently available in: AT, BE, CH, DE, ES, FR, GB, IT, PT, SE

** The air conditioning system and the refrigerator of your vehicle are filled with the refrigerant R-134a, and contain a fluorinated greenhouse gas. Notices with detailed information on the type of refrigerant used can be found on the respective unit. In connection please note the instructions in the owner's manual for your vehicle. For more detailed information please see the relevant technical information brochure.

Every bus is expensive. The CapaCity helps you save.

A variety of factors in the operation of a bus generate costs. And even if you do not have all these costs under control, you can still do something to ensure that your CapaCity runs cost-effectively. It is possible to actively influence more than one third of all costs accrued. When it comes to investment, consumption, maintenance and residual value, we can show you exactly where the overall economic advantages of our buses lie.

Economy is a question of technology. Each CapaCity adds a complete economic solution to your timetable. Innovative automotive engineering impresses through optimised performance, with BlueEFFICIENCY drive technology for maximum drive efficiency, fully automatic transmission for first-class travelling comfort and the advanced portal axle for a speedier passenger flow.

Fuel saving cuts costs. Euro VI engines** not only reduce pollutants to a minimum. They also reduce fuel consumption and, consequently, dramatically cut permanent operational costs. One factor responsible for this is the recuperation module. It supplies the vehicle electrical system with stored power which has been generated free of charge during deceleration. This unburdens the engine and noticeably reduces fuel consumption.

Thinking one step ahead-right from the outset. Quality and durability make the CapaCity a solid investment from the very outset. And our OMNIplus service contracts also ensure that your accounting is always on schedule. Regular maintenance ensures transparent costs and a predictable residual value at all times.

Efficiency-thanks to financial services. You can benefit from much more than the technological advantages of the CapaCity. Attractive financing options and insurance solutions with premiums calculated to accurately reflect your individual usage ensure that you enjoy an economic edge.

Service wherever you need it. Mercedes-Benz buses are found on virtually all of Europe's roads, which is also reason enough for us to provide the most dense service network specifically designed for buses. This ensures rapid assistance and minimal downtimes wherever the need arises. You can count on our 24h SERVICE for reliable 24/7 support.

Investments that pay off. To round off our portfolio, we are pleased to offer you our OMNI*plus* EcoTraining. Our experience has shown that this results in the two key requirements of saving fuel and adhering to the schedule no longer being mutually exclusive. Together with the FleetBoard Bus Data Center, the economical fleet management can be sustainably increased. Furthermore, we will not let you down at the end of the useful life of your bus: on request, BusStore will guarantee the residual value of your vehicle and buy it back at the end of the defined service life.

Total Cost of Ownership***



*** Sample calculation of the average value from the German market. TCO cost factors for the CapaCity L city bus Euro VI Premises: 10 years x 60,000 km, German market. Date: June 2015.

TCO at a glance: Learn more about the cost factors involved in the operation of a bus at http://overall-economy.bus.mercedes-benz.com

Digital services for your Mercedes-Benz.

Your new service world: the OMNI*plus* ON portal combines all the digital services you need. OMNI*plus* ON integrates existing as well as new services such as OMNI*plus* Uptime—for the intelligent networking of vehicle, driver, company and service. With a single portal, you can take advantage of personalised access to a variety of services. OMNI*plus* ON Advance monitors the technical "health status" of the fleet and ensures the highest possible vehicle

availability. OMNI*plus* ON Monitor guarantees the best possible efficiency in operational fleet management. OMNI*plus* ON Drive simplifies many of your drivers' daily tasks while making communication more efficient.

More information is available at www.omniplus-on.com

omniplus ON





OMNIplus Uptime-Thinks ahead. Keeps you on the road.

The service that delivers the highest possible availability. With the optional OMNI*plus* Uptime, a service is available to you which automatically identifies a repair or maintenance requirement and, depending on the urgency, forwards it to the pan-European OMNI*plus* 24h *SERVICE*, an authorised service center or yourself. In doing so, OMNI*plus* Uptime differentiates between three levels of urgency: avoiding breakdowns, proactive repair and maintenance management as well as transparency regarding pending maintenance measures. With OMNI*plus* Uptime, breakdowns can be reduced and workshop stays ideally planned. This increases vehicle availability while lowering your overall costs. The technical prerequisite for the use of OMNI*plus* Uptime is an installed FleetBoard Bus Data Center.



Power for driving dynamics. Sensitivity for safety.

The CapaCity is the best evidence that vehicle size and nimbleness need not be a contradiction. Both models, the CapaCity as well as the longer CapaCity L, are easy to manoeuver. At Mercedes-Benz, safety is always integrated as a standard feature.

Innovative ATC safety technology. The articulation turntable controller (ATC) ensures optimum steering behaviour and a high level of stability and manoeuvrability through articulation angle control. It speedily controls the hydraulic damping of the joint whenever needed. And should the articulated bus become unstable (e.g. due to ice on the road), damping of the joint can be rapidly actuated to counter this. The CapaCity is stabilised with impressive speed as a result in as far as is physically possible, or the rear of the vehicle can even be prevented from swinging out. ATC practically achieves the effect of an electronic stability program (ESP®) in this respect, and this further enhances the safety level of articulated buses. As a result, the steering behaviour of the CapaCity is practically equivalent to that of a rigid vehicle.

Maximum wheel angle 54° thanks to the unique ATC (articulation turntable controller).



Articulation turntable controller (ATC) for optimum steering behaviour and maximum stability.



Better vision. More light. Greater safety.

Monitoring and control made easy. A driver who is more concentrated contributes significantly to driving safety. Mercedes-Benz innovations in the form of electronic aids provide him or her with the greatest possible support. All CapaCity doors have a reversing system and horizontal doorway monitoring. The third and fourth door is completely automatic, and a speedier passenger flow is achieved through double-leaf doors one to four. The interior space of these doors can also be monitored by video if desired to further assist the driver.

A complete overview in every situation. Video cameras are fitted at the rear of the CapaCity on the left and right. These enable the driver to check the slewing arc of the vehicle on leaving the bus stop and in traffic. A further two side cameras directly behind the joint aid monitoring of the rear end of the vehicle.

Caution through consideration. For additional safety during manoeuvring, Mercedes-Benz also offers optional reversing cameras to supplement the outer rear cameras. A continuous warning tone sounds here when the reverse gear is engaged. These aids allow the driver to master manoeuvring and reversing with ease.

See and be seen. A new optional feature on the CapaCity is the new long-life LED headlamps. The light cone can be defined with particular accuracy, and the colour of the light is somewhat like daylight. The driver's eyes tire less quickly as a result. Increased brightness and the greater range of the headlamps further enhance safety. When it comes to efficiency, the new LED headlamps also score top points, being around two to three times more efficient than conventional light bulbs.



Outer rear cameras For checking the slewing arc at the bus stop and in traffic.



Reversing camera (optional) Good vision to the rear with a continuous warning tone when the reverse gear is engaged.

CapaCity



BiXenon headlamps (optional) As pleasant as daylight, enhanced brightness and a greater range. This contributes to additional safety.

Safety is always in the foreground.

For years, Mercedes-Benz has pursued its vision of accident-free driving. The integral safety concept covers all phases of automotive safety-safety when driving and in dangerous situations, protection in the event of an accident and minimising the impact of an accident. Safety is also integrated into the CapaCity and the CapaCity L as standard. The body itself protects the passengers in the event of side impact. In the event of a rear-end collision, the reinforced front end minimises the impact of an accident while protecting the driver.

Both agile and robust. The unique articulation turntable controller (ATC) for articulated vehicles-newly developed by Mercedes-Benz-is a highly sophisticated feature. This swivel joint and its control form one of the CapaCity's core elements: the hydraulic damping

of the joint responds quickly and, above all, as needed. The otherwise usual high damping of the joint leads to a strong tendency to understeer in curves and increased tire wear on the front axle, this vehicle's joint runs freely under normal running conditions and is attenuated only by the friction of the elements.

Support while driving. The CapaCity and the CapaCity L support the driver with numerous assistance systems. The Acceleration Skid Control feature (ASR) prevents the drive wheels from spinning. The Electro-pneumatic Brake System (EBS) ensures that the stopping distance is significantly reduced, since the brakes are controlled more quickly and more precisely. ABS and the all-new Sideguard Assist and Preventive Brake Assist also ensure predictive braking and manoeuvring.





Sideguard Assist

The Sideguard Assist turning assistant feature considerably increases the safety of unprotected road users, especially in cities, since it helps the driver recognise critical situations in a timely manner when turning. The system operates in different stages: in a first stage, it informs the driver, and in a second stage, it provides an additional warning. If a moving object is located in the lateral monitoring zone, an LED light in a triangular shape illuminates yellow in the A pillar on the passenger side. It intuitively directs the attention to the situation next to the vehicle. Additionally, a warning message appears in the central display. If the driver initiates or continues an action that could lead to a collision, an additional visual warning is given: the LED light flashes several times red with higher luminosity and then permanently. In addition to this, a tactile vibration acts as a warning in the driver's seat. Moreover, Sideguard Assist warns the driver of stationary obstacles in the coach's turning curve and can also take on the task of a lane changing assistant, in which case it operates with the same warning cascade.

With the Preventive Brake Assist feature, Mercedes-Benz is offering the first Active Brake Assist for city line buses worldwide. The new assistance system warns of a potential collision with moving pedestrians as well as stationary or moving objects and automatically initiates a braking manoeuvre with partial braking in the event of an acute collision hazard. Warning cascade and braking intervention are designed for use in city traffic. In the event of an imminent collision with pedestrians and with moving or stationary objects, the Preventive Brake Assist warns the driver visually by a red illuminated triangle with a vehicle symbol in the central display as well as acoustically, while initiating partial braking. This is held until either the driver intervenes or the bus comes to a stop. The platform for the Preventive Brake Assist is a new generation of radar technology: the radar system continuously scans an area of up to 250 metres in the lane in front of the bus and works reliably even at night and adverse weather conditions.



Winding its way through the urban jungle.

A single joint and impressive efficiency. In spite of their considerable length, the CapaCity and the CapaCity L have only one joint compared to the competition. This makes them particularly easy to manoeuvre. In addition, this also reduces the scale of maintenance and ensures an exemplary level of reliability. Both contribute to the overall efficiency of large capacity buses.

Driving performance also means a comfortable ride. With a turning circle of 22.93 meters, the CapaCity is almost as manageable as an articulated bus. The longer CapaCity L also impresses with a turning circle of only 24.47 metres. This surprising nimbleness is all due to the fourth axle with its electro-hydraulic control. Its independent suspension means it is unsurpassed in terms of comfort and driving safety.

The CapaCity with a reduced turning circle, thanks to an electro-hydraulically controlled fourth axle.

True greatness, down to the smallest detail.

The CapaCity not only has an impressive compartment capacity. It also scores points through its attractive, high-quality design and the comfort it provides for the passengers and driver.

Maximum space for maximum comfort. The attractive exterior already gives an indication of the quality awaiting inside this high-capacity bus. You can design the bright and roomy interior to reflect your individual wishes. The driver's station reflects the latest ergonomic engineering, combining first-class functionality and a high degree of comfort. This is complemented by the pleasurable driving experience that the CapaCity achieves through its independent suspension. Regardless of the number of passengers or the condition of the road, the CapaCity is perfectly sprung in every situation.





An expressively impressive interior.

The feel-good travelling factor. A trip in a CapaCity is also an enjoyably pleasant experience for passengers. The interior is both spacious and appealing, while the large panoramic windows and illuminated boarding area make the compartment both welcoming and pleasantly bright. The impressive standing height of 2.3 metres also conveys a feeling of airy spaciousness. A powerful auxiliary heating system and side-wall heaters ensure that a pleasant temperature is achieved rapidly. Hinged windows, air ducts, electric skylights and roof ventilators ensure an effective exchange of air. Where necessary, a well-designed air conditioning system is optionally available to achieve the right temperature in this large bus.

Individuality is also on board. A comprehensive range of special features allow you to model the CapaCity to your own personal taste. For example, in addition to ensuring safety, curved and clearly structured handrails also act as a visual aid to guide passengers through the bus. Exceptional flexibility allows you to design the handrail system and vehicle interior to reflect your wishes and meet your requirements. The same applies to the different seat designs which are optionally available and offer a broad selection of colours, patterns and materials. Low entrances and four wide double-leaf doors ensure an excellent passenger flow and facilitate boarding and alighting.







Functionality can really be this comfortable.

Switching without having to change. There are several practical advantages to the proven components of the Citaro being found in the CapaCity. For example, the driver is already familiar with the spacious and ergonomic cockpit from the Citaro's perfectly designed work area. In the CapaCity, the driver sits on an elevated seat—at eye level with the passengers—allowing for excellent all-round visibility. A clear view is ensured by the AquaBlade[®] windscreen wipers, which reduce fuel consumption and driving noise thanks to their dynamic design. The easy-to-read, colour central display provides important vehicle information at a glance.

Mission-oriented for greater motivation. Functions can be rapidly and easily controlled through the multifunction steering wheel. It also has an additional pause setting and, in conjunction with the instrument panel, can be tilted and lowered to accommodate your individual needs. Practical stowage spaces ensure that the driver's station remains clean and tidy. Independent suspension ensures that an excellent and completely different level of comfort is enjoyed. Front collision protection enhances the passive safety of the driver whenever this is needed.



Big is beautiful.

Big, strong, nimble and tenacious. The CapaCity L and the CapaCity both deliver ideal requisites to master the many challenges that arise in daily urban traffic.







The CapaCity. As manoeuvrable as an articulated bus. As spacious as a high-capacity bus.

The CapaCity extends the range of large-capacity buses for high-frequency lines in urban traffic. With a length of 19.73 metres, it closes the gap between the Citaro G articulated bus and the longer CapaCity L.

Speedier passenger flow. The CapaCity is the ideal solution when the volume of a conventional articulated bus reaches its limits and high passenger numbers need to be accommodated in the continually expanding environment of megacities. With 44 seats and 137 standing spaces, the standard version of the four-axle CapaCity already provides the carriage volume of a high-capacity bus. In addition, the four double-leaf passenger doors ensure a speedy passenger flow during boarding and alighting.

A focus on individuality. Your passengers will immediately feel comfortable in the spacious passenger compartment of the CapaCity. The interior can be designed and equipped to reflect your individual wishes and needs. Double-glazed side windows, air conditioning for the driver and passengers and TFT monitors for passenger information are only a few of the many options available. Additional special use areas can also be incorporated (e.g. on the right in front of the second door). Passengers with buggies, wheeled walkers or wheelchairs can be accommodated here with ease.





* See note ** on page 10.

The CapaCity L. Great tasks demand great thinking.

Uniquely spacious, remarkably nimble. The CapaCity L is one of the largest city buses and the ideal choice wherever routes with high passenger volumes need to be serviced in heavily populated urban conurbations, particularly using bus rapid transit systems.

The CapaCity L sets standards. An impressive 21 metres from windscreen to tail lamp is a European record, as no other urban public service bus with a single joint is more spacious. The standard version of the CapaCity L can convey up to 191 passengers to their destination. And the driving dynamics, safety components and excellent manoeuvrability ensure a memorable journey.

Individuality is also on board. You can lend your CapaCity L a special, uniquely distinctive look. Mercedes-Benz can offer you Metro or Tram design packages for this purpose which are designed to reflect the stylish shape and dimensions of this large bus. You also have a choice in the passenger compartment, as divisions and fittings can be individually adapted to suit your taste.



Contact us today if you want to set standards for tomorrow.

OMNIplus Service for your pit stop.

OMNI*plus* ensures you save time and money. Increase the operational readiness of your fleet with the comprehensive BusDepot Management service, or take advantage of the flexible BasicPlus and Premium service contracts for repair and maintenance. Choose from the various annual mileages, and combine these with the service life that fits the requirements of your company. OMNI*plus* is also your point of contact for original parts and accessories, as well as reconditioned parts with certified quality. Whether you need a V-belt, blower or brake discs – OMNI*plus* has the right original part for your Mercedes-Benz bus or coach.

OMNIplus service on the move.

OMNI*plus* ensures that your Mercedes-Benz stays on the road—e.g. with the most extensive bus-specific Service Network in Europe with more than 600 authorised Service Points as well as the highly advantageous ServiceCard. The reliable 24h *SERVICE* is also being further optimised through Telediagnosis. Preventive service is possible with OMNI*plus* Uptime*. With TireService and the Germany-wide BusPool*, OMNI*plus* also delivers reliable assistance in the event of a breakdown.

It's safe to say you'll get the right training.

Our experienced OMNI*plus* training specialists offer practical solutions for current training, be this safety, environmental, vehicle or emergency training, the latest technical knowledge for repair and servicing work, or training for drivers or work-shop staff. OMNI*plus* provides the right training for every requirement.

www.omniplus.com





* The technical requirement for the use of OMNI*plus* Uptime is a built-in FleetBoard Bus Data Center.

The partner for your used vehicle.

BusStore, the brand for pre-owned vehicles in Europe, is your reliable partner for the sale of your bus. If you decide to buy a new Mercedes-Benz bus, you can trade in your used vehicle at a price in line with market conditions.** Your Mercedes-Benz contact person will handle the details and process the entire transaction with *BusStore*.

Financial services for buses and coaches.

Mercedes-Benz Financial Services** is the specialist for highperformance finance solutions for Mercedes-Benz coaches and buses. Because we know the industry and its requirements inside out, you can count on extremely competitive financing, leasing and insurance services. Our experts will advise you personally and develop highly attractive offers for you. For instance, over and above standard financing, we also offer seasonal rates or final instalment financing to enable you to remain financially flexible, or even a fully customised financing strategy to meet your individual needs.





Important for you. Important for us. Technical data stored in the vehicle.

Electronic vehicle components (e.g. Engine Control Unit) contain data storage for vehicle technical data, including but not limited to Diagnostic Trouble Codes in the event of a malfunction, vehicle speed, braking force, or operating conditions of the Restraint System and Driver Assistance Systems in case of an accident (no audio and no video data recording). This data is either stored as a volatile e.g. Diagnostic Trouble Codes, over a short period of time (a few seconds only) e.g. in case of an accident or in aggregated form e.g. for component load evaluation. The data can be read using interfaces connected to the vehicle. Trained technicians can process and utilise the data to diagnose and repair possible malfunctions. The manufacturer can use the data to analyse and improve vehicle functions. When requested by the customer, technical data can form the basis of additional optional services. In general, data from the vehicle is transferred to the manufacturer or a third party only where legally allowed, or based on a contractual customer consent in accordance with data protection laws. Further information regarding storage of vehicle technical data is provided in the vehicle owner's manual. Mercedes-Benz Buses and Coaches naturally handles customer data confidentially.

About the information in this brochure.

Information about the product is subject to change after this brochure went to press (08/18). The manufacturer reserves the right to make changes in the design or form, deviations in colour, and changes to the scope of supply during the delivery period, insofar as the changes or deviations are reasonable for the customer, having regard to the interests of the seller. The illustrations may also show accessories and special equipment optional extras that do not form part of the standard scope of supply. Colours may vary for typographical reasons.

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