



# THE CITARO.

Technical data and equipment at  
a glance.

Mercedes-Benz

The standard for buses.





# THE CITARO AT A GLANCE.

Citaro



Length [mm]:	12.135	Height [mm]:	3.095
Turning circle [mm]:	22.970	Width [mm]:	2.550

Citaro K



Length [mm]:	10.633	Height [mm]:	3.095
Turning circle [mm]:	17.284	Width [mm]:	2.550

Citaro G



Length [mm]:	18.125	Height [mm]:	3.095
Turning circle [mm]:	22.970	Width [mm]:	2.550

Citaro LE



Length [mm]:	12.170	Height [mm]:	3.095
Turning circle [mm]:	21.568	Width [mm]:	2.550

# TECHNICAL DATA AND EQUIPMENT AT A GLANCE.

	Citaro	Citaro K	Citaro G	Citaro LE
<b>Dimensions</b>				
Length [mm]	12.135	10.633	18.125	12.170
Width [mm]	2.550	2.550	2.550	2.550
Width incl. mirrors [mm]	2.950	2.950	2.950	2.950
Height [mm]	3.095	3.095	3.095	3.095
Height incl. air-conditioning system [mm]	3.120/3.130	3.120 / 3.130	3.120 / 3.130	3.315 / 3.500
Height incl. optional equipment	3.300	3.300	3.350	3.500
Inner stand height [mm]	2.313	2.313	2.313	2.116
Inner stand height (top) [mm]	2.082	2.082	2.082	1.719
Parapet height (above ground) [mm]	952	952	952	952
Wheelbase front axle-drive axle [mm]	5.900	4.398	-	6.035
Wheelbase front axle-central axle [mm]	-	-	5.900	-
Wheelbase central axle-drive axle [mm]	-	-	5.990	-
Tyre size	275/70 R 22,5	275/70 R 22,5	275/70 R 22,5	275/70 R 22,5
Overhang at front [mm]	2.805	2.805	2.805	2.805
Overhang at rear [mm]	3.430	3.430	3.430	3.330
Turning circle [mm]	22.970	17.284	22.970	21.568
Turning circle BOKraft [mm]	25.000	25.000	2.500	25.000
Ring width turning circles min. [mm]	7.478	6.116	7.478	6.865
Ring width BOKraft [mm]	6.791	4.652	6.791	5.979
Ring width max. permissible according to BOKraft [mm]	7.200	7.200	7.200	7.200

Track circle minimal [mm]	19.160	13.138	19.160	17.411
Wheel impact front axle max. [°]	53°/46°	53°/46°	53°/46°	53°/46°
Usable volume / capacity AdBlue [l]	27	27	27	27
Capacity fuel tank left / right [l]	260	260	300	260
Floor height over roadway [mm]	370	370	370	370
Pedestal height [mm]	310	310	310	310
Entry height door 1 [mm]	320	320	320	320
Entry height door 2 [mm]	320	320	320	320
Entry height door 3 [mm]	-	-	320	-
Entry height door 4 [mm]	-	-	320	-
Clear door width 1 [mm]	1.250	1.250	1.250	1.250
Clear door width 2 [mm]	1.250	1.250	1.250	1.250
Clear door width 3 [mm]	1.250	1.250	1.250	1.250
Clear door width 4 [mm]	-	-	1.250	-
Slope angle in front [°]	7	7	7	7
Slope angle rear [°]	7	7	7	7

	Citaro	Citaro K	Citaro G	Citaro LE
<b>Transmission</b>				
Engine	Mercedes-Benz OM 936 h / OM936	Mercedes-Benz OM 936 h / OM 936	Mercedes-Benz OM 470 / Mercedes-Benz OM 936	Mercedes-Benz OM 936
Engine 2*	Mercedes-Benz OM 936 h / OM936	Mercedes-Benz OM 936 h / OM 936	Mercedes-Benz OM 936	Mercedes-Benz OM 936
Engine type	6-cylinder in-line engine	6-cylinder in-line engine	6-cylinder in-line engine	6-cylinder in-line engine
Output [kW]	220	220	265 / 220	220
Output 2* [kW]	260	260	260	260
Max. torque [Nm]	1.200	1.200	1.700 / 1.200	1.200
Max. torque 2* [Nm]	1.400	1.400	1.400	1.400
At speed [1/min]	1.200 - 1.600	1200-1600	1.100 / 1.200 - 1.600	1.200 - 1.600
At speed 2* [1/min]	1.200 - 1.600	1200-1600	1.200 - 1.600	1.200 - 1.600
Displacement [l]	7,7	7,7	10,7 / 7,7	7,7
Displacement 2* [l]	7,7	7,7	7,7	7,7
EU emissions standard	Euro VI	Euro VI	Euro VI	EURO VI
Hybrid system	○	○	○	○
Recuperation module	●	●	●	●
Transmission	Voith Diwa.6, 4-speed, automatic transmission	Voith Diwa.6	Voith DIWA.6	Voith Diwa.6, 4-speed, automatic transmission
Transmission 2*	Voith Diwa.6, 4-speed, automatic transmission	Voith Diwa.6	Voith DIWA.6	Voith Diwa.6, 4-speed, automatic transmission

	Citaro	Citaro K	Citaro G	Citaro LE
<b>Chassis</b>				
Steering	Power steering	Power steering	Power steering	Power steering
Front axle, type	ZF RL82 EC	ZF RL 82 EC	ZF RL 82 EC	ZF RL 82 EC
Centre axle, type	-	-	ZF AVN 133	-
Driven axle, type	ZF AV 133	ZF AV 133	ZF AV 130	Mercedes-Benz RO 440
Front axle: independent suspension, anti-roll bar	●	●	●	●
Drive axle: with anti-roll bar	○	○	○	○
Raising/Lowering system	○	○	○	○
Kneeling	○	○	○	○
Articulation Turntable Controller (ATC)	-	-	●	-
Air suspension via electronic level control system (ENR)	●	●	●	●
Rough road running gear	○	○	○	○
<b>Brakes</b>				
Pneumatic disc brakes on all axles	●	●	●	●
Electronic Stability Programme (ESP®)	○	○	-	○
Electronically controlled braking system (EBS)	●	●	●	●
Anti-blocking system (ABS)	●	●	●	●
Acceleration Slip Regulation (ASR)	○	○	○	○
Retarder limiter (RL)	○	○	○	○
Retarder	●	●	○	●
Automatic bus stop brake with pull-away lock	●	●	●	●
Parking brake	●	●	●	●

	Citaro	Citaro K	Citaro G	Citaro LE
<b>Safety and driver assistance systems</b>				
Rollover strength compliant with in ECE R29	●	●	●	●
Tire Pressure Monitoring (TPM)	●	●	●	●
Preventive Brake Assist 2	○	○	○	○
Front Collision Guard (FCG)	-	-	-	-
Sideguard Assist 2	●	●	●	●
Electronic Stability Program (ESP®)	○	○	-	○
Reversing camera	●	●	●	●
Reversing buzzer	○	○	○	○
Extinguishing system	●	●	●	●
Rain-light sensor	○	○	○	○
Flat wiper blades with water fed through wiper blade	●	●	●	●
Rollover strength compliant with ECE-R 66.02	●	●	●	●
360° Camera	○	○	-	○
270° Kamera	-	-	○	-
Traffic Sign Assist	●	●	●	●
Frontguard Assist	●	●	●	●
Attention Assist (AtAs)	●	●	●	●
MirrorCam	○	○	○	○
<b>Profitability</b>				
Tire Pressure Monitoring (TPM)	●	●	●	●

	Citaro	Citaro K	Citaro G	Citaro LE
<b>Transport capacity</b>				
Number of seats – Standard seating	1/31	1/25	42	1/34
Passenger capacity max.	1/106	86	163	1/106
Seating type City Star Eco (CSE)	●	●	●	●
Seating type Inter Star Eco (ISE)	○	○	○	○
Seating type City Star Function (CSF)	○	○	○	○
Driver's seat GRAMMER Linea MSG 90.6 P, air-sprung	●	●	●	●
Driver's seat ISRI 6860, integrated pneumatic system, 3-point seat belt	○	○	○	○
Wheelchair space	○	○	●	○
<b>Weight and fuel tanks</b>				
Capacity of fuel tank [l]	260	260	300	260
AdBlue® additive tank [l]	27	27	32	27
Gross vehicle weight [kg]	19.500	18.000	28.000	19.500
Axle loads, max. permissible front axle [kg]	7.500	7.245	7.500	7.500
Axle loads, max. permissible central axis [kg]	-	-	10.000	-
Axle loads, max. permissible drive axle [kg]	13.000	11.500	13.000	12.600



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<b>Heating, air conditioning and ventilation</b>				
Heater with convectors at side walls	○	○	○	○
Driver's area air conditioning	○	○	○	○
EvoCool Basic	○	○	○	○
EvoCool Comfort	○	-	-	-
EvoCool ComfortPlus	○	-	○	-
Turbo roof ventilator	●	●	●	●
Roof-mounted air-conditioning system with heat pump	○	○	○	○
Electric roof air conditioning (modular system)	○	○	○	○
Electric roof air conditioning system (modular system) for the driver's workstation	○	○	○	○
Refrigerant filling capacity [lbs/kg]	0 - 10,5	0 - 8,5	0 - 15,0	0 - 9,5
CO <sub>2</sub> equivalent [lbs/t]	0 - 15,015	0 - 12,155	0 - 21,45	0 - 13,585
<b>Doors and glazing</b>				
Number of doors	2	2	3 / 4	2/3
Interior swivel door	●	●	●	●
Sliding swivel door	○	○	○	○
Ramp manual	○	○	○	○
Ramp electric	○	○	○	○
Single glazed	●	●	●	●
Double glazed	○	○	○	○
Windscreen heatable	○	○	○	○

	Citaro	Citaro K	Citaro G	Citaro LE
<b>Lighting</b>				
Low beam	●	●	●	●
High beam	●	●	●	●
Daytime driving lights with LED technology	○	○	○	○
Daytime driving lights with halogen	●	●	●	●
Headlamps with LED technology	○	○	○	○
Headlamps Bi-Xenon incl. cleaning system	○	○	-	○
Front fog lamp	○	○	○	○
Cornering light	○	○	○	○
Position lights	●	●	●	●

● Standard equipment ○ Optional equipment

\* Optional equipment

# SAFETY.

## Sideguard Assist 2

Sideguard Assist 2 is a safety assistance system that supports the driver in critical situations when turning right or turning left when visibility is possibly restricted. The system is designed to help detect moving obstacles within the system limits, and warns the driver so as to avoid critical situations or reduce the consequences of accidents when turning off or changing lanes.

## Electronic Stability Program (ESP®)

The Electronic Stability Program significantly reduces the risk of skidding by selectively braking individual wheels, thus preventing loss of control of the vehicle in curves and emergency steering maneuvers.

## LED headlights for low beam and high beam

The vehicle is optionally equipped with long-life LED headlights. The light beam can be defined very accurately. The colour of the light is approximately the same as daylight, therefore the driver's eyes tire less quickly. More brightness and longer range provide additional safety.

## Rain-light sensor

The rain sensor and automatic driving light are assist systems that activate automated functions by means of a sensor system and relieve the driver of routine tasks.

## Electronic Braking Assist (BAS)

By constantly comparing the data, the electronic braking assist system immediately detects if the speed at which the brake pedal is pressed suddenly exceeds the usual level, and in such situations automatically boosts the maximum braking power to within fractions of a second. This significantly shortens the stopping distance of the vehicle.

## AquaBlade® windscreen wipers

The AquaBlade® windscreen wipers ensure optimum visibility at all times and, thanks to their ergonomic design, minimise both driving noise and fuel consumption.

## Acceleration Skid Control (ASR)

ASR prevents the drive wheels from spinning in two ways. On the one hand, ASR minimises wheel spinning through a measured braking intervention. On the other hand, the torque of the engine is regulated via the "electronic accelerator pedal".

## Anti-lock Braking System (ABS)

The Anti-lock Braking System (ABS) supports driving stability during critical braking operations and ensures that the vehicle remains steerable. The braking forces acting on the individual wheels are distributed by the ABS so that even in an emergency braking situation no wheel is blocked for any length of time, and the steerability of the bus is largely maintained.

## Preventive Brake Assist 2

With Preventive Brake Assist 2, Daimler Buses offers the second generation of Active Brake Assist. The system warns of collisions with moving pedestrians and cyclists as well as stationary and moving objects. In the event of a serious risk of collision, the driver is alerted by a visual and acoustic warning and partial braking is initiated automatically.

## Articulation Turntable Controller (ATC)

Both agile and robust. The Articulation Turntable Controller (ATC) developed by Mercedes-Benz is a sophisticated anti-jackknife system for articulated buses. This swivel joint and its control system form one of the core components of the vehicle.

## MirrorCam

The modern MirrorCam system provides a clear and full view of the road traffic. Equipped with high-resolution cameras, the driving safety is improved and the risk of accidents is minimised. The extended field of vision enables the driver to see pedestrians, cyclists and other road users in the surrounding area. This eliminates the blind spot when turning right.

## Traffic Sign Assist (TSA)

The innovative Traffic Sign Assist offers maximum safety and comfort on the road. Thanks to GPS and camera support, the vehicle speed is constantly compared with the current traffic regulations.

## Frontguard Assist

Frontguard Assist is an advanced system that was specially developed to warn drivers of pedestrians located immediately in front of the vehicle and also to warn them of an impending accident. Whether you are pulling away or driving slowly (up to 15 km/h), the intelligent assistance system can detect potential collisions with unprotected road users.

## Attention Assist (AtAs)

Attention Assist (AtAs) is a safety assistance system that can help prevent microsleep. It thus contributes to improved driving safety, especially on long journeys and when driving at night. The system warns the driver visually and acoustically when it detects typical signs of overtiredness or inattention and prompts him/her to take a break. The warning is independent of the electronic logging device (ELD).

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