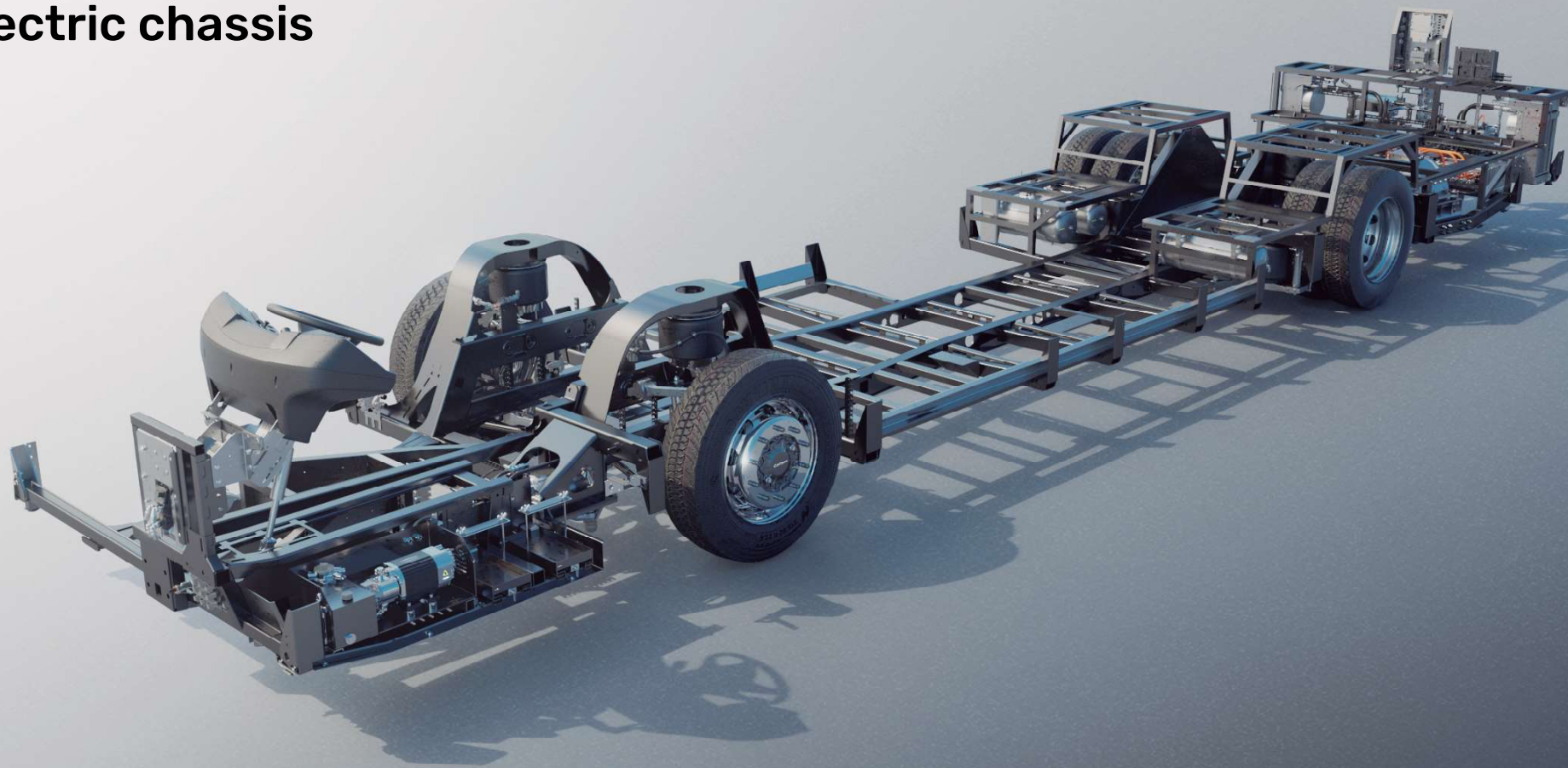


e.CC 102

electric chassis



CAETANO

With your city, with your vision

YOUR BUS, OUR CHASSIS.

The base of your e.volution.



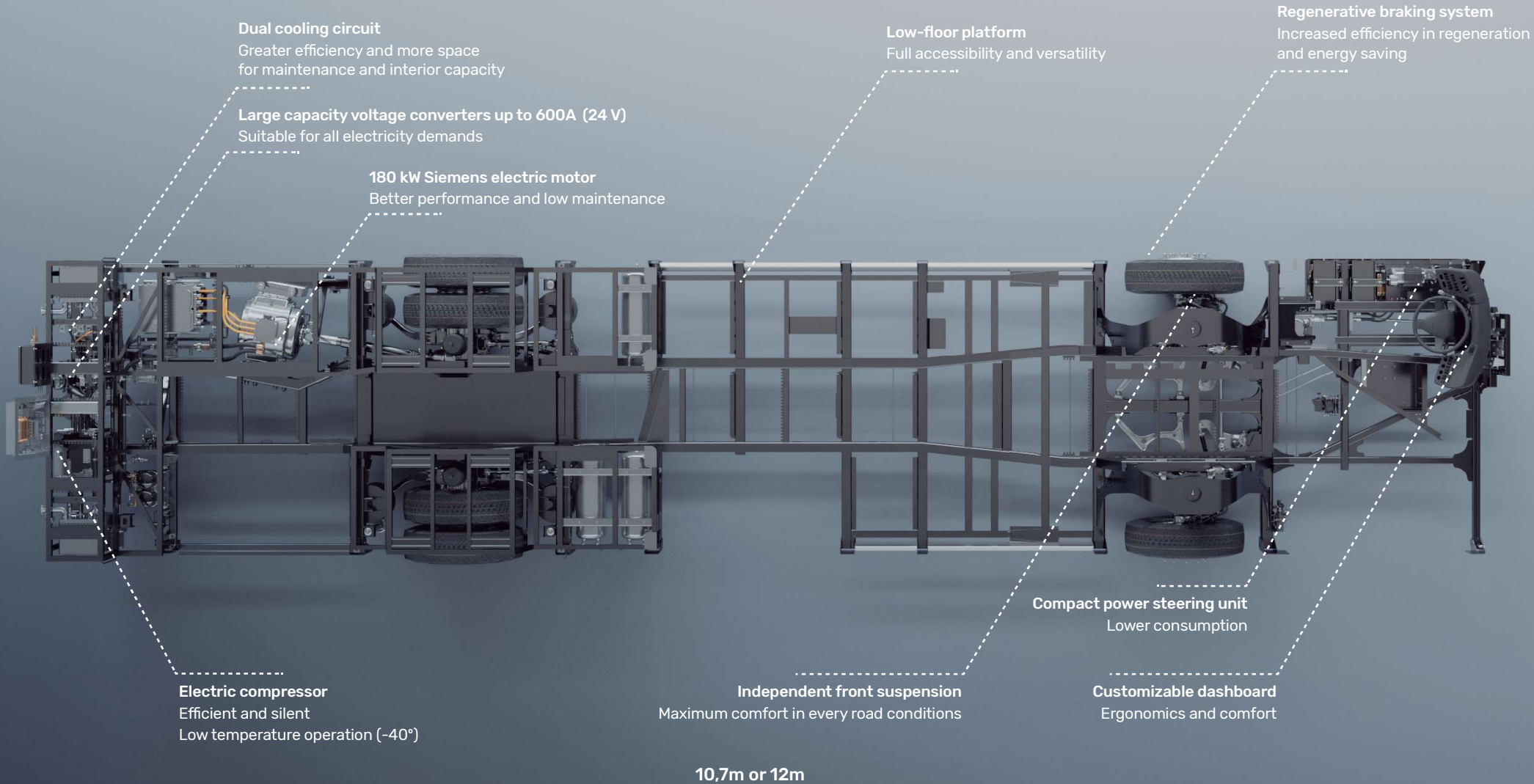
Low-floor modular design



2 or 3 doors



LHD or RHD



The e.CC 102 is a low-floor, 100% electric chassis, designed for vehicle body manufacturers that want to build buses that represent a solution for the future of mobility and hence the reduction of energy consumption and carbon dioxide emissions in urban areas.

We know our Customers' needs thanks to our experience in the construction of vehicle bodies. We therefore understand their demands and concerns when choosing a chassis.

The modular system of the CAETANO electric chassis allows for different body configurations, maximising the platform's functionalities.

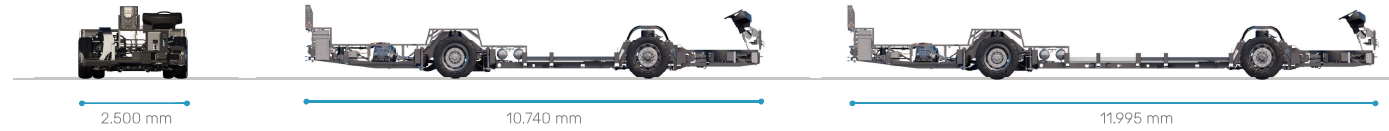
The e.CC 102 stands out due to its versatility, creating a sense of unity between vehicle body builders throughout the world that strives to have an electric mobility solution in their portfolio without investing in the development of an integral solution.

- Chassis with european quality standard
- Maximised seating capacity

CHASSIS 10.7m* **

CHASSIS 12m* **

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Type	Low-floor chassis in high-strength steel Welded construction Front and rear towing hook with air plug on the front	
Powertrain	Siemens PM synchronous motor, 700V, 180 kW Transmission management Siemens ELFA	
Axles and suspension	Independent front wheels suspension with antiroll bar Low portal rear axle with antiroll bar Pneumatic suspension, electronically controlled (ECAS) with kneeling and automatic level control Manual rise and lowering of suspension high	
Braking system	Electronic braking system (EBS 3.3 4S WABCO) with ABS and ASR Disk brakes Regenerative braking	
Driver's place	Instrument panel tiltable with steering column Configurable central display (TFT color display) Ergonomic standards (VDV 234 and ISO 16121)	
Optionals	LHD or RHD Length of 10.7 m for 2 or 3 doors bus Length of 12.0 m for 2 or 3 doors bus NMC batteries (lithium manganese cobalt oxide) up to 385 kWh LTO batteries (lithium titanate oxide) up to 100 kWh (pantograph)	Plug-in CCS/Combo Type 2 up to 150kW Onboard charger up to 22 kW Pantograph GB/T Electronic Stability Control (ESC)

* Manufacturer reserves the right to change product specifications.

** Dimensions including body

Comfort and accessibility

The driver's seat has been designed in accordance with the latest ergonomic standards (VDV 234 and ISO 16121) taking into account the person who will use it everyday, maximising comfort and minimising fatigue. The adjustable dashboard simplifies the use of all commands and the configurable central information adapts to different usage needs. The independent front suspension system with antiroll bar provides increased comfort to all passengers during their journey. Accessibility has been optimised. The low-floor typology and kneeling system ensure an easy and safe entry for all passengers. The compact cooling system provides maximised seating capacity.

Quality and reliability

The use of state-of-the-art components means we are able to provide durable and long-lasting products. Each unit is designed with the guaranteed use of the best components for increased reliability. Every detail deserves undivided attention, from the design to manufacturing, carried out by highly qualified teams.



CaetanoBus

IMAGINE YOUR CITY WITH US.

At CaetanoBus, we develop innovative and more sustainable solutions to transform cities and improve quality of life within them.

CONTACT US!

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