



MISSION: ZERO LOCAL EMISSIONS.

A new era with the eActros and eEconic.

Mercedes-Benz
Trucks you can trust



eMOBILITY

A new era in transport logistics.

We believe in the Paris Agreement. That's why our key to sustainability is eMobility. In order to contribute to the global goal, we have established a clear roadmap for a carbon-neutral transport industry. By 2050, we at Daimler Truck will completely switch to emission-free transport solutions. The transition will require not only large investments and great innovative spirit, but also the courage to leave tried-and-tested paths. And, with our



Carbon-neutral production.

For us, sustainability doesn't stop with an eTruck, because when it comes to reducing emissions we look at the big picture. To realize carbon-neutral transport by 2050, we also want to make our global production carbon-neutral: By 2039, we aim for carbon-neutral production in all our factories and business areas worldwide, and will use electricity from renewable energies for this purpose.

e-series models, we've done just that. We presented the eActros as the first all-electric truck and established it as a pioneer of a new era. With the eEconic, we are adding a battery-powered low-floor truck that is particularly suited for use in urban areas in the waste management industry. Thanks to the global platform strategy, its key specifications are based on those of the eActros.



e-specific advice and services.

Mercedes-Benz is helping customers make the switch with its new eConsulting service. For this purpose, the eActros and eEconic have been embedded in an ecosystem that includes consulting and service offerings as well as digital solutions for high vehicle use and optimization of overall costs. For this purpose, we will create a concept tailored to the depot with regard to the planning, application and implementation of the charging infrastructure as well as the connection to the grid. A team of nationwide specialists and international experts will provide holistic assistance for each step on the path to eMobility and a carbon-free future.

Find out more, get on board and head off together now – into a new era of transport logistics.

THE eACTROS

More than a truck.

The first all-electric truck from Mercedes-Benz with a range of up to 400 km* is sustainable, forward-looking, innovation-driven and quiet. Its low-noise, locally emission-free operation, high efficiency and Mercedes-Benz's expert knowledge in establishing the charging infrastructure make it stand out all the way. In addition, its 400 kW peak power and integrated services ensure a special driving and working experience.



Sustainability in action.

Mercedes-Benz has a particular goal: carbon-neutral transport. A first important milestone was brought to the road with the eActros. In a direct comparison, it can be twice as efficient as a diesel-powered truck. With the help of the ePowertrain and recuperation, it uses its energy especially economically. The tailor-made solution for electric trucks, with a focus on heavy-duty distribution transport in urban areas, impresses with an optimized powertrain weight, increased efficiency and low-noise driving.



Overwhelming driving experience.

The eActros is noticeably different. Its e-axle with two motors and two-speed transmission developed by Mercedes-Benz makes every journey an experience. The cab is made more comfortable thanks to a noise level reduced by up to 10 decibels – compared with a conventional truck, this means half the perceived noise level. Drivers benefit from the new eActros' revised Multimedia Cockpit with which the e-specific features can be displayed, such as the range in distance and time as well as the current and average consumption. Immediately available, powerful acceleration and even more relaxed driving – that's electromobility with Mercedes-Benz.



Optimized overall costs.

A transparent cost overview forms the basis for economic operation and the exploitation of potential savings. That's why Mercedes-Benz offers various tools to make the path to eMobility more efficient and simpler at the same time. Cost management is an important part of the Mercedes-Benz eConsulting service, which offers a transparent cost structure, supports the optimization of the total costs of ownership, identifies possible financial incentives and requests application support if desired.

* The range was determined internally under optimum conditions, including with 4 battery packs (420 kWh) after preconditioning in partially loaded distribution transport without a trailer at an ambient temperature of 20 °C.



Customized charging solution.

The integrated eActros solution makes it possible to offer a tailor-made, turnkey charging solution for the eActros with support throughout the entire process. The Mercedes-Benz eConsulting service, ensures that all questions that need to be clarified on the way to a smooth and seamless integration of the eTrucks into the existing fleet will be addressed and dealt with. Thanks to qualified partners and the necessary tools, this also includes the provision of the necessary charging infrastructure – from connection to the power grid to charging planning and charging management. The Fleetboard Charge Management System is the perfect link between the charging infrastructure and the eTruck and ensures that vehicles are charged optimally and efficiently.



e-specific driver training.

Driving that saves energy and conserves resources depends not only on the efficiency of the powertrain, but also on the driving style and handling. That's why Mercedes-Benz Trucks offers special driving training developed in-house to enable range-optimized and battery-conserving driving.

High vehicle usage.

Mercedes-Benz supports the eTruck in every respect for maximum range and usability. We establish a solution for every challenge on the way to eMobility together. With the help of the eConsulting process, innovative digital and integrated solutions, comprehensive services and special training courses, a complete package precisely tailored to individual needs can be put together.

Thanks to the e-specific Mercedes-Benz Uptime system, availability and predictability can be further increased. The eActros is also ideally equipped for other tasks: with a battery capacity of 448 kWh* and a range of up to 400 km**, it can also be used in urban areas at any time of the day or night. Thanks to its electric drive, it is especially silent – and therefore also ideally prepared for future noise-based access restrictions for commercial vehicles.



* Nominal capacity of a new battery, based on internally defined framework conditions. This can vary depending on the application and ambient conditions.

** The range was determined internally under optimum conditions, including with 4 battery packs (420 kWh) after preconditioning in partially loaded distribution transport without a trailer at an ambient temperature of 20 °C.

More information about the eActros:
[mercedes-benz-trucks.com/emobilitaet](https://www.mercedes-benz-trucks.com/emobilitaet)

THE eECONIC

Modified drive, unmodified concept.

The eEconic combines the usual convincing quality standard from Mercedes-Benz with the new requirements for mobility, logistics, environment and quality of life. Powerful and efficient, it offers drivers and other road users a high level of safety, while its locally emission-free and silent drive provides sustainable solutions for the increasing environmental pollution in urban centres.



Electrifying drive technology.

Thanks to its 336 kWh* capacity with three battery packs and a range of up to 150 km**, the eEconic is well equipped for every refuse collection trip in single-shift operation. With the ePowertrain, the eEconic boasts a higher engine efficiency with energy recovery when braking compared with conventional diesel drives: perfect for stop-and-go operation in municipal applications. The locally emission-free drive enables full access to all low-emission zones – so silently that the eEconic can even work at night in many cases. Downtimes for charging processes can be ideally planned for depot stops. At an output of up to 160 kW, the batteries charge from 20 to 80% in just over an hour.***

Comfortable working conditions.

Relief for the crew, high level of safety for all road users: the eEconic continues the successful concept of the Econic with the DirectVision cab. Entry and exit via just two steps saves energy in daily use and the level floor in the cab provides comfortable, safe cross-cab access and thus safe getting out on the side facing away from traffic. The coated and heated Thermocontrol windscreen of the panoramic glazing prevents the windows from fogging up – for an even clearer view of the traffic situation.



* Nominal capacity of a new battery, based on internally defined framework conditions. This can vary depending on the application and ambient conditions.

** The stated range is preliminary and was determined based on an internal simulation tool assuming optimal conditions, including three new battery packs (a combination of VECTO municipal cycle, VECTO regional delivery and VECTO urban delivery cycle up to 150 km) at an ambient temperature of 20 °C. Among other things, the range depends heavily on the handling, usage profile and type of body.

*** The eEconic can be charged with up to 160 kW: Based on internal experience, the three battery packs need slightly more than one hour to be charged from 20 to 80% if operated under optimum conditions, including an ambient temperature of 20 °C at a conventional DC high-power charging station with 400 A charging current.

Intuitive multimedia cockpit.

With the redesigned cockpit, the clearly arranged command centre in the driver's cab has been further developed and networked and is now even easier to operate. The driver is continuously supplied with e-related information, such as battery charge level, remaining range as well as current and average energy consumption.



Outstanding safety concept.

The tried-and-tested safety assistance systems in the eEonic also assist the driver in complex urban traffic situations and help to protect weaker road users. A well-thought-out safety system also protects the high-voltage components in the event of an accident.

Integrated consulting approach.

We support the path to eMobility: even before the purchase of a battery electric truck, Mercedes-Benz provides support in the transparent evaluation of whether the respective depots and routes are suitable for electrification. What is the right charging infrastructure, which costs are associated with it and what kind of subsidies are available? To ensure that a green fleet pays off, Mercedes-Benz offers elements including suitable financing and a warranty package. Special eTraining courses for fleet managers, drivers and workshop employees can also be provided on request. This makes it easy to transition to forward-looking technology.

More information about the eEonic:
mercedes-benz-trucks.com/e-eonic



For more information, contact our Mercedes-Benz Trucks salespersons or visit
www.mercedes-benz-trucks.com/emobility

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