

PRESS RELEASE

ENGINIUS launches new CITYPOWER truck for the medium-duty class

Designing economic and emission-free medium-haul concepts without restrictions. The new CITYPOWER models from ENGINIUS make this possible. The series is available in fuel cell and battery-electric versions. The truck manufacturer ENGINIUS is thus setting new standards for emission-free driving in inner-city and regional distribution transport and enabling cities and municipalities to play a key role in the transition to climate-neutral freight transport.

Hanover, 16.09.2024 Say hi to CITYPOWER – At the IAA Transportation from 17 - 22 September 2024, truck manufacturer ENGINIUS will be presenting trucks for the medium-duty class to the public for the first time. The CITYPOWER 1633, which is available as a battery electric vehicle (BEV) and fuel cell electric vehicle (FCEV) variant, is based on the Classic Space cab of the ATEGO from Daimler Truck. With a gross vehicle weight of 16 t and the familiar 2.30 m vehicle width, manoeuvrability and clarity are retained. The CITYPOWER 1633 is available with two wheelbases, 4,760 mm and 5,360 mm.

ENGINIUS deliberately favours both emission-free drive variants: Battery and hydrogen as the main energy source, as this allows individual user profiles to be served with the respective infrastructure requirements. Depending on the application, operating times, fleet size and local infrastructure conditions, the choice of powertrain technology (BEV or FCEV) enables green logistics concepts to be implemented economically in line with individual customer requirements. The CITYPOWER will be available at the end of 2025.

CITYPOWER BEV – Efficiency in city traffic

With a range of 300 km in typical city or regional traffic, the CITYPOWER BEV offers sufficient potential to significantly optimise the total cost of ownership (TCO) of

vehicle fleets. Maximum efficiency in the drive system is paired with approx. 280 kWh battery capacity, 8.8 t of payload and a lively driving experience.

CITYPOWER FCEV – Hub-to-hub with reserves

The CITYPOWER FCEV promises classic hub-to-hub transport or trucker feeling on long journeys. With a range of up to 600 km, there are plenty of reserves available. The 32 kg of hydrogen is refuelled at diesel speed and the specially developed hydrogen tanks with 350 bar comply with the latest approval standard and have a payload of 9.4 t.

CITYPOWER – Top of the class in terms of drive power

Zero emissions should be fun! This was the premise behind the development of the new ENGINIOUS drive system, which powers both variants of the CITYPOWER. The highly efficient, permanently excited synchronous motor delivers 248 kW of continuous power to the road. Peaks of up to 368 kW are possible in the acceleration lane. An automatic three-speed manual gearbox is installed for good climbing ability and maximum efficiency. This puts the CITYPOWER at the top of its class in terms of drive power. High drive power equals high consumption? On the contrary, with the ENGINIOUS drive system, a particularly large amount of energy can be recovered during braking through recuperation.

Maximum benefit - familiar concept

The CITYPOWER offers comparable variability for bodies and attachments as its conventional counterpart. Frame height, clearances and accessibility are designed in such a way that there are no or only very minor adjustments for body manufacturers. The vehicle length for the specific bodies (e.g. dry and refrigerated box bodies) remains unchanged, as both batteries and hydrogen tanks are housed in the vehicle frame to save space.

Say hi to CITYPOWER

IAA TRANSPORTATION, hall H20, booth B48

ABOUT ENGINIUS

ENGINIUS is a subsidiary of the FAUN Group, which manufactures vehicles with alternative drive systems and has set itself the goal of climate-neutral freight transport. 150 specialists work for ENGINIUS at its sites in Bremen, Winsen (Luhe), Braunschweig and Potsdam. ENGINIUS became known for its BLUEPOWER fuel cell electric drive for refuse collection vehicles. ENGINIUS is also the first vehicle manufacturer in Europe to receive EU type approval for electrically powered lorries with a hydrogen fuel cell system (FCEV). Around 180 BLUEPOWER vehicles are already on Europe's roads and together have covered over 1.5 million kilometers in waste collection operations.

The FAUN Group employs more than 2,200 people worldwide. The body manufacturer is one of Europe's leading suppliers of refuse collection vehicles and road sweepers and operates 17 plants in eleven countries. The Group is headquartered in Osterholz-Scharmbeck, Lower Saxony. FAUN is part of KIRCHHOFF Ecotec, the environmental division of the globally active KIRCHHOFF Group. In 2023, the KIRCHHOFF Group generated sales of 2.2 billion euros with 12,500 employees in the four divisions Automotive, Tools, Vehicle Conversions and Municipal Technology. The Group has 56 plants in 22 countries on five continents.

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