In combination with class-leading manoeuvrability and first-class comfort

**DAF XB Electric — Zero emissions in the city and beyond**

**The New Generation DAF XB trucks represent a full range of distribution vehicles in the class up to 19 tonnes. The range includes a comprehensive series of fully electric vehicles which help transport companies achieve their energy-transition objectives. The new DAF XB Electric – produced at Leyland Trucks in the UK – combines low environmental impact with class-leading efficiency, safety and comfort.**

* Zero-emission distribution in the city and beyond
	+ 12-, 16- and 19-tonne versions
	+ Low environmental impact combined with class-leading efficiency, safety and comfort
* Ultra-modern PACCAR EX-M1 and PACCAR EX-M2 drive modules
	+ Outputs of 120 kW (156 hp) up to 190 kW (250 hp)
	+ Direct drive
* Tailor made modular battery packs
	+ Configurations with one or two packs: 141, 210 and 282 kWh
	+ Zero-emission ranges up to 350 kilometres
	+ Smart battery-management system
	+ Advantages of LFP batteries
		- Cobalt- and nickel-free
		- Long service life
		- Rechargeable up to 100% without compromising service life
		- Outstanding safety
	+ Suitable for AC charging and DC fast-charging
	+ Battery charging from 20–80% in only 40 to 70 minutes
* First-class body builder friendly XB Electric chassis
	+ 650-V e-PTO available as an option
* DAF XB DNA as standard
	+ High-quality Day Cab and Extended Day Cab
	+ Excellent ergonomics and accessibility
	+ New, customisable digital display
	+ Best-in-class manoeuvrability

With its complete series of New Generation XD, XF, XG and XG⁺ trucks for distribution, long haul and specific transport applications, DAF has set a new standard in terms of efficiency and low emissions, safety and driver comfort. The New Generation XB is the latest addition to DAF's extensive, multiple-award-winning product range.

**Emission-free urban distribution**DAF was the first European truck manufacturer to market a range of electric trucks. It then built upon its pioneering role in sustainability with the New Generation XD and XF Electric.

Now, DAF is further expanding its zero-emission product offering with the new DAF XB Electric, perfectly suited to sustainable inner-city and regional distribution. In addition to 16- and 19-tonne versions, a 12-tonne version with 17.5" wheels and a single entry step is available. Wheelbases start from 4.30 metres.

The XB Electric is powered by the PACCAR EX-M1 and EX-M2 motors with direct drive, outputs of 120 or 190 kW and a nominal torque of 1,000 and 2,000 Nm (and peak torque of 2,600 or 3,500 Nm). The motors can be combined with one or two battery packs, with a gross capacity of 141, 210 or 282 kWh. The maximum regenerative braking power is 120 kW for the EX-M1 and 190 kW for the EX-M2 drive units.

For the lowest possible environmental impact and maximum durability, DAF uses high energy density cobalt- and nickel-free lithium-iron phosphate (LFP — Lithium Ferro Phosphate) batteries. The gross energy storage capacity ranges from 141 kWh for the smallest battery pack to 282 kWh for the largest. The XB Electric trucks have an operating range of up to 350 extremely quiet and zero-emission kilometres — more than enough for urban and regional distribution. The large range is mostly due to the highly efficient PACCAR EX-M1 and EX-M2 drivelines, in combination with DAF's smart battery management system, which distributes the energy stored in the battery as economically as possible across the driveline and other components.

**Fast and slow charging**
A special feature of the new DAF XB Electric is the Combined Charging System (max. 22 kW). This means the electric truck can be charged using the mains electricity network. Fast charging (650-V DC, 150 kW) is also possible as a matter of course, taking just 40 to 70 minutes to go from 20% to 80%, depending on the specification.

**Body builder friendliness**Thanks to the modular positioning of the battery packs on the chassis, the New Generation DAF XB Electric offers the same class-leading body builder friendliness as all other models in the New Generation DAF series. The position of the packs can be optimised according to the vehicle's application.

A 650-V e-PTO (25 kW and 90 kW) is available as an option to power, for example, an electric refrigeration system. This eliminates the need for a separate generator.

**New standard in safety**The new DAF XB distribution truck is equipped with a range of advanced driver-assistance systems for first-class safety and driver comfort, including on the Electric version.

The AEBS system (**Advanced Emergency Braking System**) features both a radar and a camera to warn of vulnerable road users in front of the vehicle (**Drive-off Assist**). The **Event Data Recorder** records images and data when the AEBS brake warning is activated and the **DAF Turn Assist** alerts the driver to cyclists in the vehicle's blind spots. The new **DAF Drowsiness Detection** also monitors the driver's alertness and warns them when it is time to take a break.

Furthermore, each XB comes with **Speed Limit Recognition**, which informs the driver of current speed limits, while the passive **Lane Departure Warning** warns of potentially unintended lane changes.

The cab’s low mounting position, the large windscreen and side windows and the low window belt lines ensure excellent direct vision. An optional Kerb View Window is available to provide an unobstructed view of other road users on the co-driver's side. The sleek design of the mirrors ensures a perfect combination of direct and indirect vision.

**New standard in driver comfort**With the XB, DAF has reaffirmed its outstanding reputation as a manufacturer of trucks that are also loved by drivers. The comfortable Day Cab and Extended Day Cab both have perfectly positioned steps, wide-opening doors and a low cab position, ensuring unmatched accessibility and ergonomics. The comfortable seats feature the same soft fabric upholstery that is used in the DAF XD, XF, XG and XG⁺. The XB Electric also shares this premium finish, including the steering wheel and a striking 12-inch digital display, which shows all vehicle information at a glance and can be configured to the driver's individual requirements.

What's more, the new XB Electric is a joy to drive. Thanks to the spacious yet compact cab design, unique manoeuvrability and tight turning circle, DAF's popular distribution truck is extremely agile, which is vital for busy urban environments.

The XB Electric offers the specific advantage of ‘one-pedal driving’. Engaged via a button on the steering wheel, this feature enable the accelerator pedal to be used for both acceleration and deceleration for a relaxed driving experience. The lower segment of the pedal travel is reserved for acceleration, while the upper section can be used for regenerative braking.

The new DAF XB Electric offers a tailor-made solution for all urban and regional applications. The vehicle uses state-of-the-art electric zero-emission drivelines, reaffirming DAF's position as a leader in terms of sustainability. Together with the new standards of efficiency, safety and driver comfort, the DAF XB Electric is ready for the cleaner, more thriving city of tomorrow.

**DAF Trucks N.V.** — a subsidiary of PACCAR Inc, a global technology company that designs and manufacturers light, medium and heavy-duty trucks. DAF provides a full range of tractor units and rigids, offering the right vehicle for every transport application. DAF is also a leading provider of services, including MultiSupport repair and maintenance contracts, financial services from PACCAR Financial and a first-class parts delivery service from PACCAR Parts.

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***Note to editors only***

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