

PRESS RELEASE

First Scandinavian electric refrigerated vehicle for home deliveries is rolled out on eCab

Swedish grocery home delivery service MatHem relies on the platform of ABT Sportsline and AL-KO Vehicle Technology

Kötz, January 2018

The first electrically-operated refrigerated vehicle in the 3.5 tonne class in Scandinavia was put into operation by MatHem, Sweden's market leader in the home delivery service of foodstuffs. The platform of the new vehicle is the all-electric e-transporter eCab, developed jointly by AL-KO Vehicle Technology, specialist for chassis and chassis components, and the e-mobility expert ABT Sportsline. It is based on a Volkswagen T6 cab with a modified AL-KO lightweight chassis with fully integrated batteries. The body, specially developed for this transporter, is supplied by Carlsen Baltic, one of the leading manufacturers of lightweight refrigerated vehicles in Europe.

The future of shopping lies in on-line commerce. Whether for clothing, health and beauty products or even fresh food – an increasing number of people are doing their daily shopping with a click of the mouse on the Internet. But how do the products reach the end user? This job is done by home delivery services that, especially in cities, however, have to deal with infrastructural, socio-political and economic challenges. Deliveries must be on time, eco-friendly and profitable. The solution to these demands: Electrically-powered vans with AL-KO lightweight chassis.

This also applies to the first electrically-powered, refrigerated home delivery vehicle in Scandinavia, which is based on this concept and represents a further milestone on the road to future mobility for all partners involved. For MatHem, the commissioning of the new vehicle constitutes the entry into electrification of its own delivery fleet. Volkswagen Commercial Vehicles Sweden sees this refrigerated vehicle as an important step towards electrification of the Volkswagen Transporter and, at the same time, as the first visible sign of cooperation between Volkswagen Commercial Vehicles Sweden and ABT/AL-KO Vehicle Technology. Carlsen Baltic is also breaking new ground and relies on a fully electric cooling system with its own lithium batteries for the modern box body. These batteries allow the cooling system to be operated when required, eliminating the need for the vehicle's engine to generate the cooling. Only with this new technology is it possible to mount the refrigerated van body on a fully electric chassis. This makes the vehicle 100 % electric. This solution helps MatHem reduce the environmental impact of the vehicle fleet, as there is no additional fuel consumption or emissions from a refrigeration unit engine.

Jointly launched by AL-KO Vehicle Technology and Abt, the eCab generally provides the ideal platform for refrigerated box vehicles. The lightweight chassis with torsion bar axle and disc brakes as well as optimally tuned ESP offers the highest level of driving safety, dynamics and comfort. This is ensured by the extensive test series of AL-KO Vehicle Technology. What's more, this results in a wide range of assembly variants tailored to the individual needs of the customer. As a special addition to keep the driver more comfortable, the eCab has a high-voltage powered heating system in the driver's cab, which makes delivery journeys pleasant even at low temperatures. The question of delivery range is also satisfactorily answered with the eCab. The current charging capacity of the batteries is 130 km according to NEDC (New European Driving Cycle). This makes the eCab the environmentally-friendly and economical solution for companies with home delivery service.

Caption:

In Scandinavia, first electrically-operated refrigerated vehicle in the 3.5 tonne class is now in use at Sweden's market leader in food home delivery service, MatHem. The company relies on the eCab platform, a fully electric-powered e-transporter with Volkswagen T6 cab developed jointly by AL-KO Fahrzeugtechnik and ABT Sportsline. The body, specially developed for this transporter, is supplied by Carlsen Baltic, one of the leading manufacturers of lightweight refrigerated vehicles in Europe.

Photo: MatHem

Please send media enquiries to:**ALOIS KOBER GMBH**

Ichenhauser Str.14
89359 Kötz

AL-KO im Internet:

Thomas Lützel

Fon: +498221 97-8239
Mobil: +491709252099
thomas.luetzel@alko-tech.com
www.alko-tech.com

ALOIS KOBER GMBH

Founded in 1931, AL-KO Vehicle Technology is now a global technology company with around 30 sites in Europe, South America, Asia and Australia. A supplier of high quality chassis components for trailers, leisure vehicles and light commercial vehicles, AL-KO is synonymous with ergonomic and functional excellence, superb comfort as well as innovations to enhance road safety. The company specialises in sophisticated innovation processes and has received many awards for this.

AL-KO Vehicle Technology and Dexter Axle have been merged under DexKo since the end of 2015. This combination is the world's largest manufacturer of trailer axles and chassis components in the lightweight segment. DexKo Global Inc. has a turnover of more than US\$ 1 billion.