

Logistics specialist STEF and FERRERO team up to bring “green” freight deliveries to the streets of Brussels

Deliveries to the city and its outskirts with a hybrid refrigerated truck from today

Brussels, January 28, 2013, FERRERO and STEF start using a new hybrid refrigerated truck to deliver FERRERO products to Brussels urban and suburban areas. Their goals include a reduction in Co2 emissions, fuel savings and less noise for local residents. The *Premium Distribution Hybrys Tech*, developed by Renault Trucks, is particularly suited for urban deliveries as its electric motor replaces the diesel engine at speeds of up to 20 km/hour. Every day, the vehicle will travel for 200 km around the Ternat FERRERO warehouse, serving retail outlets and local distribution hubs located in the vicinity of Brussels.



The hybrid vehicle is a refrigerated 19-ton straight truck. It will haul FERRERO products (Nutella, Kinder, Ferrero Rocher, Mon Chéri, etc.) under temperatures kept between 12°C et 18°C to guarantee the optimum quality of the merchandise, i.e. under temperature-controlled conditions. The truck will be able to transport up to 18 pallets. It will start its rounds as early as 5 a.m. The truck is a hybrid vehicle made by Renault Trucks, the 19-ton *Premium Distribution Hybrys Tech*. The so-called “parallel” hybrid technology is based on the association of a combustion engine with an electric motor. They power the wheels together or independently. This technology, which has been experimented by Renault Trucks for four years, is particularly well suited to urban deliveries. The use of an electric motor cuts fuel consumption by up to 20% and reduces noise level. This clean vehicle meets the most demanding noise reduction standards in place and its equipment conforms to the PIEK criteria.

On what is the hybrid technology based and what are its advantages?

The basics of the hybrid technology is simple: when the vehicle brakes or slows down, its kinetic energy is converted into electricity. This energy is stored in traction batteries which are totally autonomous. It is subsequently released by the electric motor. The vehicle runs on electric power up to 20 km/h. Above that speed, the diesel engine starts automatically and takes over. It is therefore used only during phases where it is most efficient (starting

and fast acceleration phases excluded).

Today's hybrid technology is particularly suited to freight transport operations in urban and suburban conditions with multiple "stop and go" phases.

- Lower fuel consumption: up to 20% savings
- Cut in Co2 emissions: up to 20%
- Noise level brought down to 74 db under electric mode

Together, STEF and FERRERO act to preserve the environment

«With the commissioning of this first hybrid vehicle specially developed for quiet deliveries in urban and suburban areas, FERRERO confirms its commitment to a sustainable development», Grégory Debuchy, FERRERO Supply Chain France - Benelux Manager said. «It is a first for FERRERO : the hybrid technology is a key element of the set of technological solutions explored by Group to upgrade its transport solutions and make them more environment-friendly. We want to reduce the environmental footprint of our entire supply chain. FERRERO is committed to have by 2015 about 6% of its freight moved by rail or on water and to cut 10% of its greenhouse gas emissions due to the transportation of goods or people. We are very pleased by this new step in the right direction, with the help of our traditional partner STEF».

Serge Capitaine, STEF Deputy managing director added: *« With FERRERO, a customer of the Group for almost 20 years, we work under a collaborative approach to constantly improve in all fields, particularly on innovations which reduce the footprint of logistics activities. Since 2005, road-rail transport has gone up to reach in 2010 the symbolic landmark of 50 million jars of Nutella transported by rail. In 2011, FERRERO and STEF have also set up a new scheme combining road and river transport between Rouen and Paris. This commissioning of a new hybrid vehicle in Brussels is an example of this permanent innovation approach. It will allow us to rethink the organisation and schedules for local and residential delivery services ».*

A propos de FERRERO Belgique

Ferrero is a world leader in the manufacturing and selling of chocolate confectionary. Its range of brands includes Nutella, Kinder, Ferrero Rocher, Mon Chéri or Tic Tac. The Group has been operating in Belgium since 1958. Its commercial headquarters in Brussels has 100 employees and its Arlon factory employs 600 people during low season and up to 900 during high season.

For more information about Ferrero: www.ferrero.be

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About STEF

STEF is the European specialist for cold logistics for food and thermo sensitive products. Our mission is to create a safe link between manufacturers and retail outlets. The Group masters and brings together all transport, logistics and I.T. skills necessary for temperature-controlled flows. Present in Belgium since 1989, STEF has 250 employees and operate three sites in a country which is geographically ideally positioned to be a natural hub for northern and western European logistics flows..

more information, please visit www.stef.com

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About Renault Trucks

Driven by the enthusiasm, experience and commitment of its 14,000 staff, active in over 100 countries via 1,500 sales and service outlets, Renault Trucks is a leading manufacturer of commercial trucks. It designs, manufactures and distributes commercial and industrial vehicles of 2.7 tons to 60 tons. Every day, Renault trucks is committed to bring back the prestige of road transport, a noble profession without which societies could not function.

For more information about Renault Trucks : <http://corporate.renault-trucks.com>