



INNOVATION DRIVES YOU FORWARD

Press release

15/03/2023

CHEREAU AND GIRTEKA PARTNERED TO DEVELOP MORE SUSTAINABLE TRANSPORTATION

CHEREAU and Girteka signed a partnership for four years as the two companies are sharing common values such as sustainability, Corporate Social Responsibility and the wish to limit the impact of refrigerated transport on the planet.

CHEREAU is a refrigerated body manufacturer engaged in the energy transition with two main working directions: less consume and better consume.

“Less consume” brings together all the solutions that will make it possible to have a vehicle that requires less energy: insulation, aerodynamics, weight are the main solutions.

For example, CHEREAU is in the process of industrializing VIP technology (vacuum Insulated panel), which will result in gains of about 20% in terms of insulation and cooling-unit fuel consumption for long distance transport. It also increases the range of refrigerated trailers with battery-powered electric units.

Indeed, tests conducted in France by the Cemafruid and CHEREAU show that, in long distance transport, the refrigeration unit consumption is proportional to the insulation level, allowing significant gains with high insulating performance vehicle. The tested semi-trailer equipped with a longitudinal and vertical ATD-C rail system obtained a record K coefficient of 0.27 instead of 0.37 with the classic CHEREAU range. CHEREAU Performance range has also the capacity to better maintain the temperature in case of problem on the cooling unit, for example in case of fuel failure which is the first cause of temperature disputes. The tested CHEREAU Performance semi-trailer will need for example 12 hours to go from 0° to 5° versus 4 hours for the CHEREAU traditional semi-trailer.

The CHEREAU aerodynamic kit reduces the energy consumption of the tractor and is composed of two elements: AeroTop is a 50mm high roof spoiler that reduces aerodynamic drag and saves up to 0,3L/100 km. AeroFlap is integrated into the rear door template and deployed automatically by opening or closing the doors. For diesel engines, at 80 km/h, the combination of AeroTop and AeroFlap offers a 1.1l/100 kms fuel saving. The CHEREAU developed aerodynamic devises are in aluminum and are operating without the need of a driver action.

Among the vehicles produced for Girteka, the largest asset-based transportation company in Europe, some will be equipped with aerodynamics and VIP in order to compare fuel consumption and performances with unequipped vehicles. Girteka, providing road transportation services all around Europe, has developed and implemented many digital solutions, including RTV and ongoing monitoring of performance of its fleet. Having that kind of systems and data available Girteka will be able to quickly evaluate all the benefits of investing in aero and VIP insulation.



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Beyond that, the DNA of CHEREAU, is to produce premium vehicles designed to last over the time. Therefore, CHEREAU products offer the opportunity of a more durable operating time and good total cost of ownership. Vehicles that last longer and with high performances offer also less pressure on natural resources and require less energy.

“Better consume” includes so-called new energy solutions. CHEREAU believes that the first solutions to arrive on the market will be battery-electric refrigerated semi-trailers equipped with e-axle and eventually solar panels.

The Normandy bodybuilder is also continuing real field test in France with hydrogen refrigerated semi-trailers, which could be a good response for activities that require a greater autonomy and/or a very fast refueling.

Last but not least, CHEREAU vehicles are highly appreciated by drivers and are very often a source of attractiveness and driver loyalty for the transport companies.

“We are very proud of this partnership that also shows that high-value semi-trailers are also a good choice for major fleet seeking for a good TCO, top performances and more environment friendliness” – says Xavier Wilkie, CHEREAU Commercial director.

Girteka constantly seeks to develop new sustainable solutions for its customers. *“Being focused on refrigerated transport solutions across Europe, we are excited to have an opportunity to test new semi-trailers, reduce emissions and provide more sustainable transport services to our customers”– says Simonas Bartkus, Head of Marketing and Communications at Girteka.*

Both companies, CHEREAU and Girteka, see this 4-year partnership as undoubtedly opportunity of a lot of experience sharing, which will validate the configuration of tomorrow's vehicles, more respectful of the environment.



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About Girteka:

Girteka Group is the largest European asset-based transportation company, delivering more than 765 000 full truck loads (FTLs) every year, with more than 9 200 fully owned trucks and 9 800 trailers that operate in Europe. As Girteka, we have a clear aim to be the obvious first choice for clients, colleagues, partners, the community, and shareholders.

Every day, we strive to provide the best experience possible and ensure our customers' highest transportation service reliability. With more than 23.000 passionate employees, we are making a meaningful impact on the future of logistics. We are committed to highlighting the importance of drivers job, road safety and environmental impact and raising awareness of the responsibility every one of us has towards society and our surroundings. We secure profitable and sustainable growth with our partners and shareholders through state-of-the-art digital solutions that drive us towards the future.

This is our Responsible Logistics.

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