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GAUSSIN presents the world's first 100% hydrogen or all-electric "skateboard" for class 8 tractor and straight trucks, ranging from 18t to 44t

A versatile and modular rolling platform

Creation of a subsidiary dedicated to the road truck sector

Global deployment from 2021 through the assembly and marketing license program

GAUSSIN (EURONEXT GROWTH: ALGAU - FR0013495298) presents the world's first "skateboard" for class 8 tractor and straight trucks, ranging from 18t to 44t - either hydrogen or all-electric - for long haul and short haul applications. It consists of a rolling, versatile and modular platform designed for the various market players.

The solution is aimed at traditional truck manufacturers new entrants, as well as bodybuilders and autonomous navigation software players. More broadly, the skateboard targets all players wishing to have access to a hydrogen and electric platform for clean and intelligent transport.

To accelerate time-to-market, Gaussin plans a global rollout as early as 2021 through an assembly and marketing licensing program.



[To access the video presentation of the "Skateboard", click HERE](#)

The skateboard: an essential road truck technology, ready to be customized

The skateboard contains the key components and systems to produce next-generation road trucks, including an ultra-light chassis developed by Magna that weighs 400 kg less than other chassis on the market, as well as hydrogen tanks, fuel cells, electric motors, drives, axles and suspensions.

The primary objective of the zero-emission skateboard is to accelerate the transition to clean and intelligent solutions for freight transportation.

The skateboard tractor and carrier are available in two versions: a long-distance hydrogen version with a hydrogen refueling time of less than 20 minutes for a range of 800 km; and an all-electric version for short distances with a battery change time of 3 minutes for a range of 400 km.

Global road truck players will be able to access these platforms as early as 2021 in order to integrate their own cabs, software and equipment configurations - making the skateboard the core truck technology for a variety of applications such as transporting semi-trailers, boxes, tippers, tanks or drums with capacities ranging from 18 to 44 tons.



[To access to product technical description, click HERE](#)

An "open" design to facilitate mechanical and software integration.

Gaussin's ambition is to become the reference platform in the road truck field by developing a large community of technological, regional and commercial partners and by facilitating its integration through documentation, training and standardization of the various mechanical and software interfaces.

Examples of technologies integrated into the skateboard to facilitate its adoption include a universal plate to attach equipment to the skateboard, and an open interface for external autonomous driving software.

The skateboard integrates different patented technologies owned by Gaussin.



Creation of a subsidiary dedicated to road trucks

The Gaussin Group is creating a road truck subsidiary and allocating dedicated resources to meet the specific needs of the sector.

Worldwide deployment through a licensing model

Gaussin's objective is to produce the skateboard through a network of licensees in order to accelerate its international deployment. An ambitious program of 41 licenses over 36 months would enable Gaussin to capture 5% of the clean-energy truck market, or cumulative sales of 450,000 vehicles by 2031.

“For the first time in the world of heavy trucks, GAUSSIN has created a versatile platform enabling the various players in the sector to achieve an extremely rapid time-to-market. The solution will enable them to save precious time in project development, at a time when the heavy goods vehicle market is changing rapidly and innovation is a key differentiating factor, more than ever”, explained **Jean-Claude Bailly, Managing Director Truck & Bus Division of GAUSSIN.**

“With this hydrogen and electric skateboard, a world premiere, Gaussin reaffirms its pioneering role in ecological transition and the development of low-carbon mobility solutions. The skateboard is fully in line with the Group's global mission and gives Gaussin a central role in the entire ecosystem”, said **Christophe Gaussin, CEO of GAUSSIN.**

Upcoming events

General Meeting of METTALIANCE shareholders on May 11, 2021
GAUSSIN shareholders' meeting on May 18, 2021
Artificial Intelligence Exhibition in Belfort on June 16 and 17, 2021

About GAUSSIN

Gaussin is an engineering company that designs, assembles and sells innovative products and services in the transport and logistics field. Its know-how encompasses cargo and passenger transport, autonomous technologies allowing for self-driving solutions such as Automotive Guided Vehicles, and the integration all types of batteries, electric and hydrogen fuel cells in particular. With more than

50,000 vehicles worldwide, Gaussin enjoys a strong reputation in four fast-expanding markets: port terminals, airports, logistics and people mobility. The group has developed strategic partnerships with major global players in order to accelerate its commercial penetration: Siemens Postal, Parcel & Airport Logistics in the airport field, Bolloré Ports and ST Engineering in ports and Bluebus for people mobility. GAUSSIN has broadened its business model with the signing of license agreements accelerating the diffusion of its technology throughout the world. The acquisition of METALLIANCE confirms the emergence of an international group present in all segments of intelligent and clean vehicles.

In October 2019, the Group won the World Autonomous Vehicle Transport Competition "Category leader" - "Better energy and environmental sustainability".

Gaussin has been listed on Euronext Growth in Paris since 2010.

More information on www.gaussin.com.



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