

Héricourt, 24 September 2020

Gaussin announces the commissioning of two fully electric APM 75T HE tractors in the port of Abidjan, operated by Bolloré Ports

The first use of port vehicles driven by the new technology in Africa

Gaussin (EURONEXT GROWTH FR0010342329) has announced the commissioning of two fully electric APM 75T HE tractors ordered by the port terminal of Abidjan, operated by Bolloré Ports (see *release of 25 March 2019*). This is the first terminal in Africa to receive and use the new technology dedicated to container transport.

Gaussin-Blue Solutions-Bolloré Ports partnership

These tractors are the fruit of the synergy between the expertise of **Gaussin** in the production of electrical vehicles, that of **Blue Solutions** in the production of electric batteries and that of **Bolloré Ports** in port logistics. Fully electric APM 75T HE tractors have particularly been designed to incorporate the technical specifications used by Bolloré Ports in the ports operated by it.

The innovative partnership between French companies has allowed the development of eco-responsible electric logistics solutions that are ideal for extreme environments (tropical and desert), where the heat affects sensitive components, particularly batteries.

The APM HE is the first container transport solution that has been designed specifically for hot climates, thanks to its unique solid-state battery technology which is insensitive to variations in outdoor temperatures from -20°C to +60°C.

This fully electric HE model allows significant savings in operating costs, in terms of both maintenance and energy. It is noiseless and emits zero CO2 emissions, at the same time increasing productivity, safety and driver comfort.



Fully electric APM 75T HE operating in the port of Abidjan

LMP® battery: electric battery technology that is adapted to extreme conditions.

The LMP® battery uses innovative solid-state technology and is designed and produced by Blue Solutions, a subsidiary of the Bolloré Group. It is entirely made in France and stands out because of its high power density and safe use. The solid electrolyte makes it extremely safe, with no risk of runaway heating. It is particularly suited to extreme climatic constraints and the high productivity demands that are put on heavy handling vehicles.

LMP® batteries do not contain any cobalt, nickel, solvent or “rare earth” elements, making them independent from materials that are ever more critical in social and environmental terms, and thus offer a valuable competitive edge in the current market.

A 100 % eco-responsible vehicle

The fully electric APM 75T HE tractor is part of the eco-responsible approach taken by Gaussin for its whole vehicle range. Zero CO² emissions, zero noise: the fully electric APM 75T HE reconciles high performance and environment protection for the port industry. That priority is especially important today, 24 September 2020, **World Maritime Day**, dedicated this year to sustainable maritime transport.



Upcoming events

Open Day - commercial launch of Gaussin hydrogen vehicles: 6 October 2020 (by invitation)

Extraordinary General Meeting on 19 October 2020

BSAR and BSA-2016NC members' meeting on 19 October 2020

Hydrogen Business for Climate trade fair in Belfort: 13 and 14 January 2021

Artificial Intelligence trade fair in Belfort: 16 and 17 June 2021

About Blue Solutions

Blue Solutions brings together the power storage activities developed by the Bolloré Group. By branching out of its legacy business of manufacturing ultra fine paper and plastic film, the Bolloré group has become a manufacturer of complete electrical components for capacitors, and now serves over a third of the world market. Based on that expertise and after 20 years of R&D, the Group has developed batteries and power storage solutions relying on unique technology, the LMP® (Lithium Metal Polymer) battery. These solid-state batteries are used in mobile applications (shared vehicles, buses, cars) and also for stationary uses (power storage for companies, local governments etc.) and are developed and marketed by other group entities within Blue Applications, which have been growing fast on all continents since 2011.

More information on: www.blue-solutions.com

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 of all types of batteries, particularly electric and hydrogen fuel cells. 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 to speed up its commercial penetration: Siemens Logistics in the field of airports, Bolloré Ports and ST Engineering for ports, UPS for logistics and Bluebus for people mobility. Gaussin has extended its business model with licensing agreements that are aimed at speeding up the use of its technology throughout the world. The purchase of Metalliance has resulted in the emergence of a group with over 200 employees and €50M turnover. In October 2019, the Group won the World Challenge for Self-Driving Transport in the Leading Company Category, Best Energy and Environmental Sustainability. Gaussin has been listed on Euronext Growth in Paris since 2010 (EURONEXT GROWTH - FR0013495298).



Contacts

Gaussin

Christophe Gaussin, invest@gaussin.com
+33(0)3.84.46.13.45

Ulysse Communication

Nicolas Daniels, ndaniels@ulyse-communication.com
+33(0)6.63.66.59.22
Charles Courbet, ccourbet@ulyse-communication.com
+33(0)6.28.93.03.06

Find all the GAUSSIN information on www.gaussin.com