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## UPS announces tests of Gaussin's Autonomous-Enabled FULL ELEC Trailer and Swap Body Mover « TSBM® »\*

GAUSSIN (EURONEXT GROWTH FR0010342329) Autonomous-Enabled FULL ELEC Trailer and Swap Body Mover « TSBM® » is currently tested at UPS in the framework of the Master Supplier Agreement signed in June 2019 ([see Press release of June 5, 2019](#)).



*Gaussin Trailer and Swap body Mover in London*  
<https://youtu.be/6vomJBH4EEs>



*Christophe Gaussin CEO  
& Carlton Rose, UPS President of  
Global Fleet Maintenance and Engineering*

### UPS, leading parcel carrier in the world

The US group UPS is the foremost parcel carrier in the world. It has 1800 operating facilities and serves 220 countries. With 125,000 vehicles in operation, including 10,300 alternative fuel and advanced technology vehicles, UPS has one of the largest private fleets in the world. A fleet that has already covered over 1.6 billion kilometers. UPS has set itself the goal of using clean energy vehicles for 25% of its road transport, that is over 30,000 vehicles by 2020.

### The TSBM®, a versatile FULL ELECTRIC Trailer and Swap Body Mover

Gaussin and UPS Engineering teams have been in close collaboration since 2018 to co-develop a versatile, upgradable and competitive electric shifter vehicle. The Gaussin shifter UPS is testing in London can move trailers, semi-trailers and containers in both manual and autonomous mode.

Gaussin electric vehicles have zero tailpipe emissions and include novel battery-swap technology, which enables the shifters to be operated day and night, as the discharged battery pack is immediately replaced by a fully charged one. Additionally, the vehicles will have numerous cameras, sensors and sophisticated algorithms to improve safety. These technologies will continue to create efficiencies and improve safety in UPS operations.

## **UPS's advanced-technology London Hub**

In May 2018, UPS opened its new 32,000 square metre package sorting and delivery facility - London Hub. At £120 million, this is one of UPS's largest ever facility investments outside of the US. During the initial phase of the test, UPS will operate the vehicles with drivers in the cabs to evaluate vehicle operations and the efficiencies they generate. Later this year, UPS will progress to the next phase of operation, initiating autonomous driving operations.

*"These tests are part of a major UPS effort to integrate electric vehicles throughout our global network. Gaussin's shifters will help cut our fuel costs and reduce emissions,"* said Juan Perez, UPS chief information and engineering officer. *"We're also eager to test the shifters in autonomous driving mode. This is a great opportunity for us to evaluate technologies on our own property."*

*"Testing these electric and autonomous-capable shifters is part of UPS's transformation strategy, which is enabled by technology and innovation,"* said Carlton Rose, UPS president of global fleet maintenance and engineering. *"We continue to pursue and deploy the latest vehicle technology that has the potential to enhance our operational efficiency, while taking an evolving approach in implementing autonomous vehicle technologies."*

*"This collaboration with UPS brought valuable insights to Gaussin engineering teams, and we are pleased to see the vehicle in live operations,"* said Christophe Gaussin, Gaussin chief executive officer. *"Our shifters will save maintenance and energy costs. Our unique battery swap system will allow continuous operations and will contribute to UPS's operational efficiency and productivity increases."*

## **Upcoming press releases**

2019 full-year results: March 25, 2020 after market

## **Upcoming events**

TOC Europe show in Rotterdam from 9 to 11 June 2020  
SIA 2020 - Salon de l'intelligence artificielle in Belfort 17 & 18 June 2020  
SITL trade show in Paris from 23 to 26 June 2020  
Airport Show in Dubai from 22 to 24 June 2020

## **About Gaussin**

Gaussin (EURONEXT GROWTH - FR0010342329) is a leading engineering company and global transformational innovator, providing superior products and services to its customers in the transport and logistics industries. It specializes in cargo and passenger transport solutions, autonomous technologies allowing for self-driving solutions such as Automotive Guided Vehicles, and the versatile integration of all types of batteries, particularly electric and hydrogen fuel cells. With more than 50,000 vehicles sold worldwide, Gaussin enjoys a strong reputation for providing significant productivity increases in four fast-expanding market verticals: seaport terminals, airports, logistics and people mobility. The group has developed strategic partnerships with major global players to speed up its commercial penetration,

including Siemens Logistics in the field of airports, Bolloré Ports and ST Engineering for seaports, UPS for Logistic and Bluebus for people mobility.

In October 2019, the Group won the Dubai World Challenge for Self-Driving Transport in the Leading Company Category, Best Energy and Environmental Sustainability.

More information on [www.gaussin.com](http://www.gaussin.com)

### About UPS

UPS (NYSE: UPS) is a global leader in logistics, offering a broad range of solutions including transporting packages and freight; facilitating international trade, and deploying advanced technology to more efficiently manage the world of business. Headquartered in Atlanta, UPS serves more than 220 countries and territories worldwide. UPS was awarded America's Best Customer Service company for Shipping and Delivery services by Newsweek magazine; Forbes Most Valuable Brand in Transportation; and top rankings on the JUST 100 list for social responsibility, the Dow Jones Sustainability World Index, and the Harris Poll Reputation Quotient, among other prestigious rankings and awards. The company can be found on the web at [ups.com](http://ups.com) or [pressroom.ups.com](http://pressroom.ups.com) and its corporate blog can be found at [ups.com/longitudes](http://ups.com/longitudes) The company's sustainability eNewsletter, **UPS Horizons**, can be found at [ups.com/sustainabilitynewsletter](http://ups.com/sustainabilitynewsletter). To get UPS news direct, follow @UPS\_News on Twitter. To ship with UPS, visit [ups.com/ship](http://ups.com/ship).

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