

Charlotte Autonom will be exhibiting at GSE Expo Europe, in Lisbon from September 17 to 19, 2024, with the latest generation of its Level 4 autonomous tractor.

Charlotte Autonom, a joint venture between Navya Mobility and Charlotte Manutention, will participate in the show alongside Charlotte Manutention and present its Autonom® Tract AT 135 tractor

Villeurbanne, September 9, 2024



Charlotte Autonom, a joint venture created in 2018 by Navya Mobility, leader in autonomous mobility systems, and Charlotte Manutention, a Fayat Group company and world leader in electric baggage tractors, announces its participation in the GSE Expo Europe trade show from September 17 to 19 at Feira Internacional, Lisbon. Charlotte Autonom teams will be on hand at the Charlotte Manutention stand (EX46) to present the company's latest innovations in autonomous logistics.

GSE Expo Europe is the only European show entirely dedicated to ground management equipment and services for the aviation industry. With over 3,000 participants and 160 exhibitors, it's the must-attend event for all players in the airport industry, from airlines to ground service providers.

Presentation of the Autonom® Tract tractor, a showcase for level 4 autonomous technology

In particular, Charlotte Autonom will be presenting its Autonom® Tract, which features full Level 4

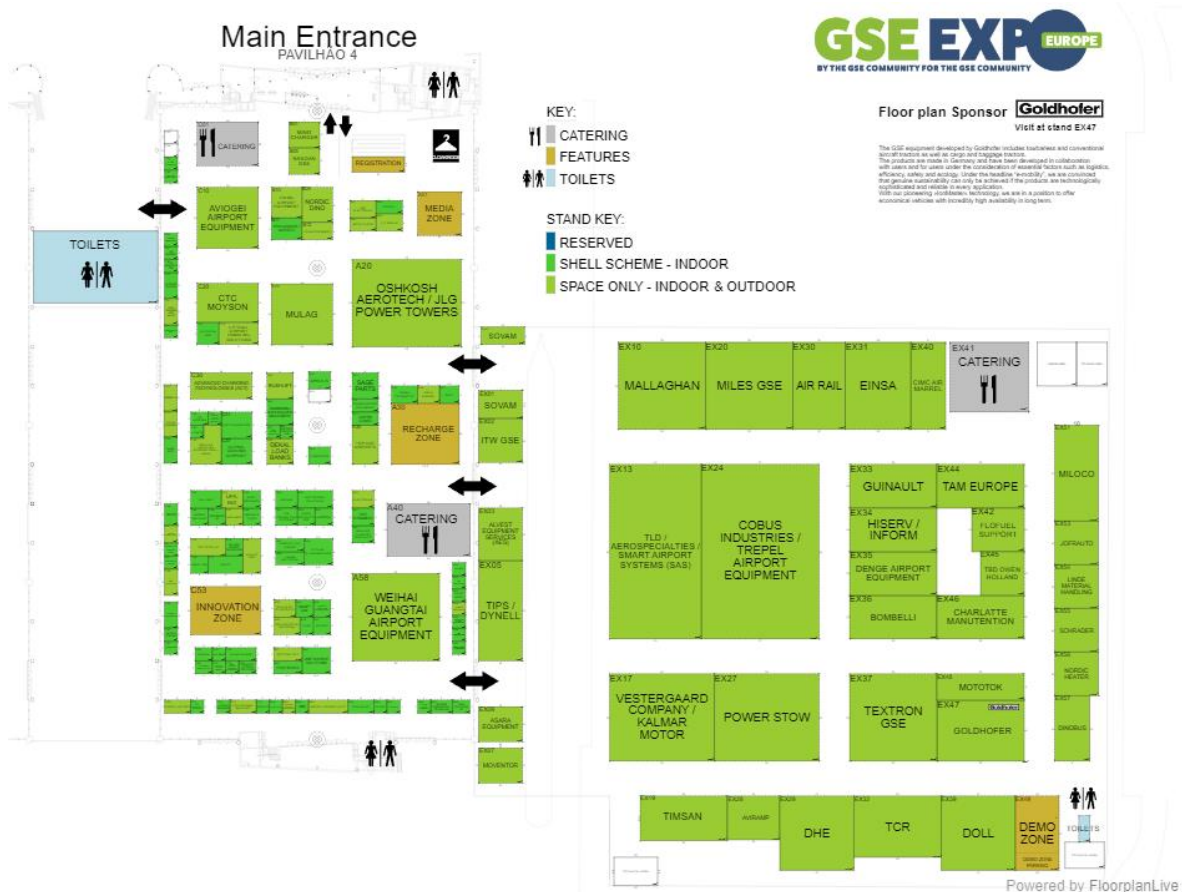
autonomy technology with no operator on board. A demonstration of the autonomous tractor will take place on Wednesday, September 18 from 10 to 11 a.m. in the 170 m² (10x17m) demo area, where the tract will make an 8-way trip and tow a trailer.

Among recent deployments, notably in Japan, it is now Germany's turn to operate the Autonom® Tract AT135 in level 4 autonomy, as it has been running on the production site of a major German car manufacturer since April (see PR of July 30, 2024), and is now a major innovation in the logistics sector. Charlotte Autonom's level 4 autonomous solution is operational under nominal operating conditions on an industrial and logistics site, as demonstrated by the trust placed in it by this automaker. It is also modular and customized, adapting to customers' needs and the specific features of their infrastructures. Last but not least, it places the utmost importance on safety, both before and during the integration of its solution. The successful deployment of the Autonom® Tract Level 4 autonomous tractor marks a crucial step in Charlotte Autonom's journey towards widespread adoption of its solution in the industrial sector.

The company will be presenting its mobility solutions for the transportation of goods, as well as its innovations in safety and efficiency in logistics operations. Registration and further information are available [here](#).

“GSE Expo Europe is a benchmark event in the airport logistics sector, and as such is of interest to Navya Mobility, Charlotte Manutention and our joint venture Charlotte Autonom. It's an opportunity for us to present our autonomous logistics solutions and, in particular, to give a live demonstration of the Autonom® Tract. I'm convinced that our technology will win over the professionals in attendance”, said Jean-Claude Bailly, CEO of Navya Mobility.

“Taking part in this second edition of GSE Expo Europe is yet another opportunity for Charlotte Manutention to demonstrate the strength of our partnership with Navya Mobility through our joint venture, Charlotte Autonom. The demonstration of the Autonom® Tract AT135 underlines our commitment to providing intelligent, safe and efficient logistics solutions. The Autonom® Tract AT135 uses CE-certified technology, enabling it to be deployed and operated in L4 mode at selected pilot sites. We are therefore convinced that our solution will in future redefine standards in the airport sector and industry, offering substantial gains in terms of performance and safety”, said Bastien Devaux, CEO of Charlotte Manutention.



Charlotte Autonom will be exhibiting alongside Charlotte Manutention on stand EX46 at the show.

About Charlotte Autonom

CHARLATTE AUTONOM is a joint venture created in 2018 by NAVYA, now Gama, leader in autonomous mobility systems, and CHARLATTE MANUTENTION (FAYAT Group), world leader in the design and manufacture of electric material handling equipment for industrial and airport use, with the aim of developing autonomous tractor solutions for industrial and airport sites. The result of this sharing of expertise and know-how is the AUTONOM® TRACT AT135, an autonomous, electric and supervised solution for the transport of goods.

About Charlotte Manutention

Charlotte Manutention, founded in 1982, is today the world's leading manufacturer of electric baggage handlers.

40 years later, the company continues to grow, with over 18,000 units in service worldwide and a wide range of vehicles for airport, industrial and military applications: baggage tractors, cargo tractors, baggage conveyors and small tractors used in other industrial applications.

Charlotte designs robust and durable equipment in close collaboration with its customers, and is able to accurately estimate the performance required by the application in order to guide its customers in the choice of equipment adapted to their needs (with dedicated options, special parts and a wide choice of pre-existing options).

Charlotte also provides technical support throughout the process to ensure the equipment runs smoothly, with qualified technicians working all over the world and offering training on site or at its premises.

Charlotte offers a state-of-the-art warranty on its equipment, and administers it fairly.

Charlotte has a large stock of spare parts and takes great pride in the fact that 98% of spare parts requested by its customers are dispatched within 24 hours.

Website : <http://www.charlattemanutention.fayat.com>

About Navya Mobility (ex-GAMA)

The company is a leader in autonomous mobility solutions for the transport of people and goods in France and abroad.

Backed by proven technological and logistical expertise, as well as prestigious partners, Navya Mobility provides its customers with turnkey driving system solutions, and an ecosystem of seasoned players that make Navya Mobility the benchmark player in the autonomous, zero-emission mobility sector.

Navya Mobility's shareholders, namely Macnica and Nippon Telegraph and Telephone West Company, are thus opening up new synergies and growth opportunities for this entity, which combines the provision of the Arma and Evo autonomous shuttles, and the development of the latest generation L4 autonomous driving technology that can be integrated both on a passenger transport platform, and on platforms for the logistics and port sectors.

Charlotte Autonom is also continuing to develop the Autonom® Tract for freight transport.

The new company, which now has the resources it needs to achieve its objectives and deliver sustainable, innovative and reliable solutions to its customers, can now address four fast-growing markets with strong demand for autonomous mobility: public and private passenger transport, logistics, ports and airports.

Navya Mobility is headed by Jean-Claude Bailly, who is the company's Chairman and CEO.

Solutions website : <https://navya.tech/en/>

About Macnica

Macnica is a services and solutions company that manages the latest technologies on a global scale, with semiconductors and cybersecurity at the heart of its activities. With 92 locations in 26 countries/regions around the world, the company draws on the technical capabilities and global network it has cultivated over its 50-year history to discover, propose and implement cutting-edge technologies such as AI, IoT and autonomous driving.

More information on Macnica: www.macnica.co.jp

Contacts

Navya Mobility

Amanda Muller, marketing@navya.tech +33(0)6.99.23.21.11

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