

## **Karsan is Once Again the First Choice of Historic Cities!**

### **Karsan Launches Autonomous e-ATAK for Driverless Public Transport in Switzerland!**

### **Switzerland Chooses Karsan Autonomous e-ATAK for Driverless Public Transport!**

### **Karsan Leads the Way in Driverless Transport Across 8 Countries with Autonomous e-ATAK!**

**Karsan, which plays a pioneering role in the electrification and autonomous transformation of public transportation worldwide, especially in Europe, continues to set new industry standards. Developed in collaboration with ADASTEC, the Karsan Autonomous e-ATAK, the world's first Level-4 driverless vehicle on a planned route, is now bringing a new era of comfortable and eco-friendly transport to Switzerland after its successful operations in the USA, Norway, Romania, the Netherlands, Türkiye, France and Finland. The Autonomous e-ATAK, which will serve on a 2.2-kilometer route with 8 stops between the historic city center of Arbon and the new residential area Saurer Werk 2, at a speed of 30 kilometers per hour, will be Switzerland's first automated bus. Emphasizing that the Autonomous e-ATAK, which provides autonomous public transportation services within the city for the first time in Europe, has also achieved the significant milestone of being the first driverless vehicle to pass through a tunnel, Karsan CEO Okan Baş stated, "Our vehicle offers a comfortable and eco-friendly autonomous travel experience without disrupting the historic texture of Arbon's narrow streets, thanks to its compact structure. We are proud to take on a pioneering role in Switzerland's transition to driverless public transport with our Autonomous e-ATAK, which will provide passenger transport services in autonomous mode on a 2.2-kilometer public transport route. In the Swiss market, where we initially entered with our Jest vehicle, we aim to further solidify our presence with the delivery of 23 electric vehicles to one of the country's largest operators in August and September." ADASTEC CEO Dr. Ali Peker, highlighting that this success is the result of the**

**shared vision with Karsan, said, "With the operation we carried out in Stavanger, we achieved a first in Europe, and in the USA, we deployed America's first automated bus at Michigan State University. These projects have not only automated public transport systems but also marked significant steps towards a smarter, more connected, and sustainable future. With this strong collaboration, we continue to lead innovation in public transport."**

Karsan, which plays a pioneering role in the electrification and autonomous transformation of public transportation worldwide, continues to draw attention with its innovative models and superior service approach. Expanding its global presence day by day, Karsan stands out as the first choice in many countries, particularly in Europe. In this context, the Autonomous e-ATAK, the world's first Level-4 driverless public transportation vehicle operating on a planned route, continues to be the first choice, especially for historic settlements that have successfully preserved their historic fabric.

### **Karsan is Transforming Public Transport into Autonomous Across 8 Countries!**

Karsan's Autonomous e-ATAK made history by operating on a 5-kilometer route at Michigan State University in the USA for 1.5 years, becoming the world's first automated bus. In the city of Stavanger, Norway, the Autonomous e-ATAK has been carrying ticketed passengers in open traffic since 2022, and earlier this year, it expanded its existing route to include a tunnel, successfully passing a significant challenge as the first autonomous vehicle to do so. Having launched autonomous projects in 7 different locations with Autonomous e-ATAK, which recently began operating in Finland after the USA, Norway, France, Romania, and Türkiye, Karsan has achieved 80,000 kilometers of autonomous driving experience, transporting over 30,000 passengers. Additionally, Karsan has also signed an airport autonomous project in Rotterdam, the Netherlands, and with the delivery of 2 Autonomous e-ATAKs at the end of 2024, Karsan will be the first brand in the world to carry out airport transfers with an autonomous vehicle.

Adding another success to these projects, Karsan is now preparing to bring its Autonomous e-ATAK to Switzerland. The Autonomous e-ATAK, which will serve in the historic city of Arbon and will be the country's first driverless bus, was purchased under the SCCL (Self-Controlled City Liner) project of TGA and will be delivered to the city by Karsan in December. As of January 2025, it will begin passenger transportation under the operator Eurobus Ostschweiz AG in Arbon.

Commenting on Karsan's continued innovative steps under the vision of "One Step Ahead in the Future of Mobility," Karsan CEO Okan Baş said, "We continue to

transform the transportation infrastructure worldwide, especially in Europe, with our electric and autonomous vehicles. Through the work we have done outside of our main target markets, we provide services with our brand in a very wide geography, from Japan to the USA, from design to production, from sales marketing to after-sales." Emphasizing that the Autonomous e-ATAK, which is the first vehicle in Europe to provide autonomous public transportation services within the city in open traffic, also achieved the significant milestone of being the first driverless vehicle to pass through a tunnel in Europe, Okan Bař said, "Our vehicle offers a comfortable and eco-friendly autonomous travel experience without disrupting the historic texture of Arbon's narrow streets, thanks to its compact structure. We are proud to take on a pioneering role in Switzerland's transition to driverless public transport with our Autonomous e-ATAK, which will provide passenger transport services in autonomous mode on a 2.2-kilometer public transport route. In the Swiss market, where we initially entered with our Jest vehicle, we aim to further solidify our presence with the delivery of 23 electric e-ATAK vehicles to one of the country's largest operators in August and September." ADASTEC CEO Dr. Ali Peker, speaking about the project, said, "As ADASTEC, we continue to grow globally with the collaboration we have established with Karsan. With the operation we carried out in Stavanger, we achieved a first in Europe, and in the USA, we deployed America's first automated bus at Michigan State University. These projects have not only automated public transport systems but also marked significant steps towards a smarter, more connected, and sustainable future. We continue to serve in Norway, Rotterdam, Finland, and many other European cities, and now we are making public transport more accessible and efficient in Arbon. These successes are the result of the shared vision we have with Karsan. I would also like to thank TGA, the project owner, and Eurobus, the operator, for their contributions to the project. With this strong collaboration, we continue to lead innovation in public transport and aim to provide global solutions to more communities every day, creating local benefits."

### **Seeing Ahead with Thermal Cameras!**

The Karsan Autonomous e-ATAK is equipped with numerous LiDAR sensors located at various points on the vehicle. In addition, innovative technologies such as advanced radar technology in the front, high-resolution image processing with RGB cameras, and enhanced environmental safety through thermal cameras are among the features of the Autonomous e-ATAK. Offering all these technologies at Level-4 Autonomous, the Autonomous e-ATAK can operate on a planned route without a driver. The vehicle can reach up to 50 km/h in autonomous driving mode in all weather conditions, day or night, and can autonomously perform all the tasks a bus driver would typically handle, such as



ONE STEP AHEAD  
IN THE FUTURE OF MOBILITY

docking at stops, managing boarding and alighting processes, and navigating intersections and traffic lights.

#### About Karsan:

With 58 years of experience in the Turkish automotive industry, Karsan produces for the world's leading automotive companies, including its own brand, in its state-of-the-art facilities in the commercial vehicle segment. Since 1981, Karsan has been producing commercial vehicles, and its factory in Hasanağa, Bursa has the capacity to produce 20,000 vehicles in a single shift every year. The Hasanağa Plant, which is structured with the flexibility to produce all kinds of vehicles from passenger cars to heavy trucks, minivans and buses, is located 30 km from Bursa city centre on a total area of 203 thousand square metres, 99 thousand square metres of which is covered.

Karsan is the only independent multi-brand vehicle manufacturer in the Turkish automotive industry. In line with its vision of being one step ahead in the future of mobility, Karsan aims to take part in all segments of passenger transport by developing new and derivatives of existing products with its business partners and licensors.

Continuing its activities to develop and launch "innovative products and services" in the public transport sector "from idea to market", Karsan aims to strengthen the main manufacturer/OEM business line in particular. Karsan manages the entire automotive value chain, from R&D to production, marketing, sales, and after-sales activities. Karsan produces the Jest and Atak models under its own brand. In 2018, Karsan launched the e-JEST, followed by the e-ATAK in 2019 which are the market leaders of Europe for 4 consecutive years. In 2021, in collaboration with the technology company ADASTEC, Karsan developed the Autonomous e-ATAK, the world's first Level-4 automated bus. In the same year, it introduced the 10m, 12m, and 18m models of the born electric e-ATA family. In 2022, Karsan released the e-ATA HYDROGEN model and becoming the first and only company in Europe to offer a full e-range from 6 meters to 18 meters. As of 2022, Karsan also manufactures Megane Sedan cars for the Renault brand, and at the end of 2023, it became the first European bus manufacturer to enter the Japanese market with its right-hand drive e-JEST model.

#### About ADASTEC:

Established in 2018, ADASTEC Corp is a leading US-based provider of SAE Level-4 automation solutions for full-size buses and commercial vehicles. Our flagship product, the SAE Level-4 automation platform flowride.ai, sets the standard in full-size bus automation with its advanced capabilities and has achieved key regulatory approvals, distinguishing ADASTEC as an industry pioneer. With a commitment to quality and innovation, ADASTEC holds prestigious ISO certifications and is headquartered in East Lansing, Michigan, with a global presence in Türkiye and The Netherlands.

ADASTEC is dedicated to transforming public transportation into a more sustainable and efficient system with a proven track record of international deployments and strong industry partnerships. Our expertise in delivering factory-fitted full-size buses and commercial vehicles automation and integration into public transport systems underscores our commitment to providing scalable, cost-effective, and safety-focused solutions to meet the evolving needs of modern cities. For more information, please visit [www.adastec.com](http://www.adastec.com).