KARSAN 60 Years Young

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IN THE FUTURE OF MOBILITY

Karsan Strengthens Its Position in Italy with the New e-ATA Trolleybus!

Karsan's New 18-Metre Electric Trolleybus Set to Hit the Roads of Bologna!

Karsan Secures 35-Vehicle Contract in Bologna with Its New 18-Metre Electric Trolleybus!

Continuing to expand its presence across Europe with innovative electric and autonomous public transport solutions, Karsan has achieved another significant milestone in Italy with the introduction of its new 18-metre e-ATA Trolleybus. Karsan's Italian dealer, KMOBILITY, has won a tender issued by Bologna's public transport operator, TPER, and signed a contract for 35 units of the new e-ATA Trolleybus. The agreement also includes an option for an additional 35 vehicles, potentially bringing the total order to 70 units. Equipped with In Motion Charging (IMC) technology, which enables the vehicle to draw power from overhead lines while simultaneously charging its batteries, the new model demonstrates Karsan's technological expertise in developing electric public transport solutions that can adapt to different infrastructure requirements. Having ranked second in Italy's electric public transport market with a 12.5% market share in 2025, Karsan is further strengthening its position in Europe through this latest project in Bologna. Building on its role as a solution provider to TPER since 2022, when 24 e-ATA 18-metre electric buses were contracted, Karsan is set to expand its fleet within the operator's network to 59 vehicles with the new e-ATA Trolleybus, further reinforcing confidence in its products and technologies.

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Driving the transformation of public transport worldwide with its electric and autonomous vehicles, Karsan is accelerating its growth in Italy, one of Europe's key markets, through another major project. Developing solutions tailored to the infrastructure and operational requirements of different cities, Karsan is further expanding its presence in Bologna with the addition of the 18-metre e-ATA Trolleybus to its electric vehicle portfolio. Karsan's Italian dealer, KMOBILITY, has secured a tender issued by the city's public transport operator, TPER, and signed a contract for 35 units of the new e-ATA Trolleybus. With an option for a further 35 vehicles, the project has the potential to expand to a total of 70 units. Securing a 35-vehicle contract for one of the first major projects involving the newly developed e-ATA Trolleybus highlights the growing competitiveness of Karsan's expanding electric vehicle portfolio in the European market.

Karsan's New e-ATA Trolleybus Brings Greater Flexibility to Electric Public Transport

Combining Karsan's extensive engineering expertise in electric public transport with trolleybus technology, the new e-ATA Trolleybus has been developed to meet the demands of busy urban routes, offering high passenger capacity and flexible energy management. The 18-metre model features In Motion Charging (IMC) technology, allowing it to operate using electricity supplied by overhead lines while simultaneously recharging its onboard batteries. With its high-capacity battery system, the e-ATA Trolleybus can operate entirely on electric power along routes without overhead lines, giving public transport operators greater flexibility in route planning. This enables operators to serve a wider transport network with the same vehicle, without being restricted to routes equipped with overhead lines. The technology also allows cities to make more efficient use of their existing trolleybus infrastructure, reduce the need for additional overhead line investments and extend electric public transport services to new routes.

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Renewed Confidence in Karsan Marks Another Milestone in Bologna!

Karsan has secured another tender in Bologna, building on its previous success with TPER in 2022. That year, Karsan secured a tender issued by TPER for 24 e-ATA 18-metre electric buses, which have been operating in Bologna since late 2023. Following the successful introduction of these vehicles, TPER's decision to select the new e-ATA Trolleybus demonstrates the confidence placed in Karsan's ability to deliver solutions for different public transport requirements. With the delivery of the 35 newly contracted e-ATA Trolleybuses, the total number of Karsan vehicles operating within TPER's public transport network will increase from 24 to 59. As the fleet expands, Karsan will continue to provide maintenance services, spare parts and technical support, helping ensure vehicle reliability and operational continuity throughout their service life.

Commenting on the new project, **Deniz Çetin, Chief Commercial Officer at Karsan**, said:

"At Karsan, as we contribute to the transformation of electric public transport across Europe, we place great importance not only on developing innovative technologies but also on building long-term relationships with our customers based on trust. Our continued role as a solution provider to TPER, which began in Bologna in 2022 and is now expanding with our new e-ATA Trolleybus, is a clear reflection of this approach. Securing this contract through a highly competitive tender process, in which technical criteria accounted for 70% of the evaluation and commercial criteria for 30%, demonstrates the confidence placed in Karsan's engineering expertise, technological capabilities and the solutions we deliver. Securing a 35-vehicle contract for one of the first major projects involving our new e-ATA Trolleybus also highlights the commercial success of our strategy to expand our product portfolio. Looking ahead, we aim to further strengthen our presence across Europe, particularly in Italy, by continuing to deliver solutions tailored to the needs of cities and public transport operators."

High Passenger Capacity, Powerful Performance and Outstanding Comfort

Karsan's new 18-metre e-ATA Trolleybus combines high passenger capacity with a powerful electric drivetrain and a design focused on passenger comfort. In the configuration developed for the Bologna project, the vehicle accommodates up to 146 passengers, with

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the flexibility to offer even greater capacity depending on seating layouts and customer requirements. Delivering peak torque of up to 22,000 Nm, the e-ATA Trolleybus supports external DC charging at up to 200 kW in addition to charging through overhead lines, providing greater flexibility in energy management and charging for demanding urban transport operations. The four-door, fully low-floor configuration selected for Bologna makes boarding and alighting easier for passengers. Its spacious interior, dedicated wheelchair and stroller areas, ramp options, USB charging ports, advanced climate control and air filtration systems are designed to deliver a comfortable and accessible travel experience. A comprehensive range of advanced driver assistance and safety technologies further enhances safety, including an Acoustic Vehicle Alerting System (AVAS), forward collision and pedestrian collision warnings, lane departure warning, following-distance monitoring and traffic sign recognition.

About Karsan:

Leaving 60 years behind in the Turkish automotive industry, Karsan has been producing for the world's leading brands in the commercial vehicle segment, including its own brand, in its modern facilities since the day it was founded. Producing commercial vehicles since 1981, Karsan's factory in Hasanağa, Bursa, has the capacity to produce ~20 thousand vehicles in a single shift per year. Designed with the flexibility to produce all kinds of vehicles from passenger cars to heavy trucks, from minivans to buses, Hasanağa Factory is 30 km away from Bursa city center and is located on a total area of 203 thousand square meters, 99 thousand square meters of which is closed.

As the only independent multi-brand vehicle manufacturer in the Turkish automotive industry, Karsan aims to take part in all segments of passenger transportation by developing derivatives of new and existing products together with its business partners and licensors in line with its vision of being one step ahead in the future of mobility. Continuing its activities to develop and market "innovative products and services" in the public transportation sector "from idea to market", Karsan aims to strengthen its Main Manufacturer/OEM business line in particular.

Continuing its activities of developing and launching "innovative products and services" in the public transportation sector, from "intellectual development to market", Karsan aims to strengthen its main manufacturer/OEM business line in particular. Karsan manages the entire automotive value chain, from R&D to production, from marketing to sales and after-sales activities. Karsan manufactures Jest and Atak models under its own brand. Karsan developed the e-JEST in 2018, followed by the e-ATAK in 2019. In 2021, the company launched the 10 m, 12 m and 18 m models of its born-electric e-ATA family, becoming the first and only brand in Europe to offer a fully electric product range from 6 meters to 18 meters. In the same year, in collaboration with the domestic technology company ADASTEC, Karsan introduced the Level 4 driverless Autonomous e-ATAK, followed by the Autonomous e-JEST in 2025. Karsan also unveiled the e-ATA HYDROGEN in 2022. As of 2022, the company has been manufacturing Megane Sedan passenger cars for the Renault brand. By the end of 2023, Karsan became the first European bus manufacturer to enter the Japanese market

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with its right-hand-drive e-JEST, and in November 2024, it entered the UK market with the same right-hand-drive e-JEST model.

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