

PRESS RELEASE

The Irizar ie truck is the new and innovative electric vehicle from the Irizar Group

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Irizar is taking another step in its commitment to sustainable urban mobility by including the Irizar ie truck into its range of zero emissions products. This stylish truck is an innovative electric vehicle that responds to several market needs and makes it possible to drive in cities and urban areas without creating any atmospheric or acoustic pollution.

Irizar presented its new electric vehicle, the Irizar ie truck, within the framework of the first edition of the Sustainable Urban Mobility Congress (SUM), which was held in Bilbao from February 20 to 23.

This platform is the outcome of an R&D project developed alongside the Group FCC, which is a global leader in environmental services, integral water management and developing and building infrastructure and other technology centres. The Group FCC contributed their vast knowledge and experience in operating urban services and, in consequence of the successful outcome of the collaboration, the first prototype equipped with side loading bodywork for waste collection has been produced. It is expected to reach the market in the coming months.

The primary features that characterise this innovative vehicle from the Irizar Group are its cutting edge design, safety, performance, driving and vehicle usage. The Irizar ie truck was conceived for driving in urban and inter-urban settings without creating atmospheric or acoustic pollution. Its low noise level makes it possible to work at night and thus reduce traffic during times when there is more congestion.

Its design -a hallmark of all products by the Irizar brand- is one of the main features of the ie truck and makes it a vehicle with a disruptive yet attractive and accessible aesthetic.

Comfort and safety were essential for developing the cockpit, where ergonomics and an optimal field of vision had top priority. The low position of the driver's seat, the width of the windscreens and side windows and ergonomic access to all the controls and the dashboard screen are features that special emphasis was placed on.

Irizar Group in-house technology

The Irizar ie truck includes pioneering technology developed within the Irizar Group that has already been used for electric drive systems in our own electric buses, energy storage and control electronics, in addition to the rest of the systems supplied.

The cabin was developed exclusively for urban applications. The cabin has a 4-person capacity and a single access stairway with the goal of ensuring safe transport for the driver and their companions. That fact **makes the vehicle the one with the lowest access height on the market.**

The unit being presented is an 8-metre-long 6x2 version with a carrying capacity of 18 tonnes.

The vehicle has regenerative braking functionality so the kinetic energy of the vehicle can be used as much as possible.

It includes a pneumatic door that swings inwards, which makes for safer transport when faced with any obstacles in the road. Furthermore, the door includes anti-entrapment sensors, a photocell and a sensitive edge on the leaf to avoid any kind of unintended incidents during faster application.

It is equipped with the latest technology in active safety and it has stability control. Lane changes (LDWS) can be detected because of the built in camera and front radar sensor and the driver is alerted if the vehicle swerves unintentionally. It also has emergency assisted braking (AEBS), which activates the emergency brake if the vehicle gets too close to the vehicle on front of it and the driver doesn't react in time.

Lastly, the suspension of the Irizar ie truck has automatic levelling and provides special functions for different applications (ELC).

The Irizar ie truck being presented is an electric version with a CNG range extender, so it can drive in electric mode in the city while being able to extend its autonomy and expand working time using an engine that runs on natural gas.

Different variations of the purely electric zero emissions version are currently being developed.

Designed for different industrial uses

Because of its high versatility and flexibility, the Irizar ie truck was designed for different industrial uses with a calling for electric mobility. All kinds of bodywork currently existing can be installed with hardly any kind of adaptation. The axles and

steering, specifically developed for the application, provide the vehicle with better performance in terms of load capabilities and manoeuvrability.

The Irizar Group

Irizar is a business group with an international presence, which is currently involved in six sectors - passenger transport, electromobility, electronics, electric motors and generators, connectivity and energy.

The Irizar Group is comprised of 7 brands (Irizar, Irizar e-mobility, Alconza, Datik, Hispacold, Masats and Jema) that have production operations in 13 production plants in Spain, Morocco, Brazil, Mexico and South Africa in addition to its own R&D centre.

It is a well-established Group made up of more than 3300 people, with a commercial presence in the five continents and with a turnover of 700 million Euros.

Irizar, S. Coop is the parent company of the Group and its central headquarters is located in Ormaiztegui (Guipuzcoa, Spain) where Creatio, the Group's Research and Development Centre, is also located.

Founded in 1889, today, the Irizar Group is a well-established Group. It is geographically and industrially diversified, continuously growing and firmly committed to the brand, technology and sustainability

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