

## CASTROSUA GROUP PRESENTS ITS DEVELOPMENTS IN THE URBAN AND COMMUTER SEGMENTS WITHIN THE FRAMEWORK OF BUSWORLD 2015

- *The Galician coachbuilder's value proposition for these two areas focusses on the New City and Magnus.E models respectively*
- *Within the framework of the Belgian show Castrosua exhibits an example of their pioneering high-deck Magnus.E powered by Compressed Natural Gas*

**Santiago de Compostela, 16 October 2015** Castrosua Group is currently taking part in the latest edition of *Busworld*, in the town of Kortrijk. It is one of the most important fairs to be held in Europe for the bus and coach sector. Within the framework of this forum, Castrosua has put on show its proposals for the urban and commuter segments, embodied in the New City and Magnus.E models, respectively.

At the presentation press conference for these products, the head of marketing for the Galician coachbuilder, Teresa Fernández, pointed out the pillars which support the company's *Strategic Plan* to take them up to 2017: internationalisation, an alliance policy, and own development of R&D.

Specifically related to the last point, Fernández emphasised that "it is clear that the best showcase for this innovation are our products, some of which have been awarded major prizes this year". In fact the New City was awarded the prestigious *Red Dot* design prize in the best product design category, and the high-deck Magnus.E powered by CNG was awarded one of the prizes from the Madrid Regional Transport Consortium in the public transport and sustainable mobility section.

### **Features of the models on show at the fair: New City**

In turn, the head of international sales at the Castrosua Group, Simon Kienast, took on the task of presenting the technical features of the models on show at the fair. He began by referring to the potential of the New City, a vehicle that was launched on the national market during the latest edition of FIAA. "Since then, examples of this model

have been running in several Spanish cities", stated Kineast.

The head of international sales at Castrosua said that in this vehicle modernity and technology come together to create a bus with character in its appearance."Through it we have developed manufacturing solutions which constitute clear progress, while keeping our seal of quality", said Kineast.

With the length variable according to the specific model (10.5; 12 or 18 metres), and diesel or CNG powered, the model can be built on any chassis. Safety, functionality, and comfort are its design principles. Along these lines the latest generation LED daytime running lights make up the C in Castrosua, as a badge of identity for the brand. These exterior lights provide unique character to the product. In addition, the wrap-around windscreen design improves driver visibility. At the same time, the new driver station in the *New City* has improved ergonomics in order to promote optimum working conditions for the person steering the vehicle, in compliance with ergonomic safety research and labour protection.

#### **Improvements in active safety**

As pointed out at Busworld, this model also incorporates improvements in active safety, such as a light and sound warning system for doors in motion, and latest generation devices such as USB ports or back-lit buttons, among others. In addition, the *New City* has space for wheelchairs, prams, or bicycle carriers.

Apart from its superb aesthetics, the *New City* also stands out for its strong technical development, and its structural framework. Taking advantage of the launch of the Euro 6 regulations, the vehicle seeks to reduce weight while keeping its unmistakable ruggedness. "During the development process for the product, new materials have been introduced, together with design and validation methods for innovative solutions, which have led to a significant reduction in the weight of the empty vehicle, while maintaining the structural rigidity and resilience of Castrosua buses", stated Kineast.

#### **Magnus . E**

At the same time, Castrosua Group presented Busworld with the new Magnus.E model, designed for the particular needs of operators on the outskirts and between cities (medium distances), a segment that is becoming more significant for the Galician coachbuilder every day."It is a model which has directed airflow, while remaining elegant", said Kineast.

The Magnus.E features an ergonomic driving station, with easy access and a wide field of vision. As an option, for example, it has a change of lane warning indicator, which can be combined with a fatigue warning system. "It is forceful move towards guaranteeing passenger safety", added Kineast.

### **High-deck version with CNG**

With the growing need for cities to reduce the combustion of fossil fuels in mind, Castrosua Group currently has on show at Busworld an example of the high-deck Magnus.E powered by Compressed Natural Gas (CNG).In developing this new Magnus.E version, which features Euro 4 CNG engines, the Galician coachbuilder is a pioneer in Europe.

"The technical work to adapt the chassis of this high-deck with CNG is a breakthrough on this continent, and provides a clear example of the service vocation and customer focus of our coachbuilding", explained Kineast during the press conference in Kortrijk.

Among other significant features, the Magnus.E, in all versions, is manufactured with composite aluminium sides to reduce weight (which are easily replaced, and have access hatches for bodywork elements and the chassis); interior and exterior LED lighting which ensures greater durability and low consumption; together with a variety of features such as platforms, double or single glazing, the possibility of USB ports and sockets, various models of reclining or non-reclining seat, or options for luggage compartments and parcel racks, among others.

In addition, the vehicle can have connected self-supporting holds, and interior parcel racks with individual reading lights and air outlets right back to the last row.

### **Fuel savings**

In addition, the Magnus.E has different approved distributions for various chassis. Depending on the length of the vehicle and the number of litres and CNG cylinders incorporated, autonomies of over 500 kilometres can be achieved. In addition, it reduces the required emission levels, and provides a fuel saving of up to 57%.

Finally, the head of international sales at Castrosua Group pointed out that "the high-deck Magnus.E provides increased comfort for passengers on their journeys, as the vehicles are more comfortable, more easily accessible, and more respectful towards the environment".