



CAF CV

Construcciones y Auxiliar de Ferrocarriles (CAF) is a private company, 100% listed in the stock exchange, specializing in the design, production, maintenance and supply of rolling stock for the railway industry.

In Spain the company boasts production facilities in Beasain, Zaragoza, Madrid, Irún, Castejón, Lleida and Linares. On an international scope, they have established industrial operations in Elmira (United States of America), Bagnères de Bigorre (France), México DF (México) and Sao Paulo (Brazil).

They also boast assembly and maintenance plants in Belfast (Great Britain), Rome (Italy), New Delhi (India), Sacramento (United States of America), Buenos Aires (Argentina), Santiago de Chile (Chile) and 40 maintenance centres around the world.

All the facilities are subject to a continuous updating process, applying the latest manufacturing technologies such as: laser, plasma, robotics, automatic welding for aluminium, stainless steel and carbon steel, machining centres and flexible production cells.

Both the selection of plants and the design of the organization are aimed at attaining a high degree of flexibility and a quick response to our customers.

The integration of the aforementioned activities is done through a Quality Assurance System, certified to ISO-9001 and ISO 14001 environmental standards, managed through a Quality Control Department.

In their strong commitment to collaborate to achieve a sustainable world, CAF intends to develop and provide new solutions which provide means of transport which are more efficient and environmentally friendly.

Emphasis on Research and Development is another of CAF's priorities, with technological centres in Beasain, Zaragoza, Linares, Biscay, Castejón and Madrid.

Their commitment to innovation has taken them far in this field, a differential factor setting the company as a strong world R&D point of reference, with products and services which incorporate state-of-the-art advances and which contribute to improving transport efficiency and safety.

CAF supplies a comprehensive range of state-of-the-art products for High Speed, Urban Transit (Metros, Tramways, Light Metros and Commuter Trains), Regional Trains and diesel and electric locomotives.

The ever-constant international expansion and growth has significantly



increased the company's business volume, with presence in over 25 countries with 45 projects. CAF has established industrial operations in the United States of America, France and Brazil and the intense export activity has contributed in consolidating their presence around the world.

CAF's achievements in the international market place for mass transit rail vehicles have been very impressive over recent years. CAF has built the first Spanish high speed trains for Turkey, a country where the design, development and commissioning of a modern tramway for the city of Antalya, the Istanbul metro, and the supply of rolling stock for the Izmir commuter railway has also been awarded. They have also contributed to the modernisation of the Algerian commuter train services, and the development of the Algiers metro.

CAF has procured numerous urban transport contracts in Europe, such as the production of the trams for Edinburgh (Great Britain) and Belgrade (Serbia), the construction of diesel material for Ireland and commuter trains for Belfast (Northern Ireland), as well as the supply of metro units for Brussels (Belgium) and Rome (Italy).

Another continent where significant growth has also been witnessed is America. In the United States of America, where the company boasts a plant in Elmira, articulated units have been produced for the cities of Pittsburgh and Sacramento. Work is currently in progress for the LRVs for the Houston metro.

CAF has also been awarded the construction of the Buenavista-Cuautitlán Suburban Train, in Mexico, where CAF has taken responsibility for comprehensive management (works coordination, rolling stock delivery, operation, etc.).

The group's presence in South America continues to grow with the awarding of new projects, including the production of the cars for the Santiago de Chile Metro network, the units for the Mexico City metro, the trains for the Medellín Metro (Colombia) and the rolling stock for suburban lines and the metro of Sao Paulo (Brazil).

CAF also operates in markets such as in China (Hong Kong), Saudi Arabia and India.

For the domestic market CAF is the main supplier of Red Nacional de Ferrocarriles Españoles (Spanish National Railways) (RENFE) and FEVE. Regarding mass urban transport, they have supplied metros and trams for cities such as Madrid, Barcelona, Bilbao, Palma de Mallorca, Seville, Malaga and Vélez-Málaga and Zaragoza.

All these vehicles have been designed by CAF to the latest standard in the railway industry, whether in steel or aluminium, incorporation the most advance GTO and IGBT technology.



For further information about our Company and our range of products, please visit our web site: www.caf.net