



Driveline in the Americas





Welcome

to GKN Driveline in the Americas

GKN Driveline is the largest business within GKN, and a world leader in the design and production of driveline components and systems for the automotive industry. Our product focus includes seshafes, propshafts, torque management systems and geared components, in a range that covers every application from entry level front-wheel drive vehicles to the most sophisticated all-wheel drive models. Backing it is the commitment of 21,000 people at 49 locations in 31 countries, and the manufacturing resources of a global leader dedicated to adding value for our customers through product innovation and supply chain integrity.

From all of our locations in the Americas we focus our capabilities and imagination on the demands of our business partners.

The world of GKN

GKN is a global company focused on the automotive and aerospace sectors, operating in over 30 countries and employing more than 40,000 people.

In the automotive sector, GKN is:

- the world leader in driveline systems and components and the world number one in the production of constant velocity seshafes
- the world leader in powder parts production and number one in powder manufacture in the USA
- the world leader in the supply of power take-off shafts and wheels designed specifically for off-highway applications
- the world leader in metal substrates for catalytic converters, through 50% ownership in Emitec

In the aerospace sector, GKN is

- a leading supplier to the aerospace industry
- the world number one independent supplier of composite structures



Our mission

...is to design and manufacture superior driveline products supported by the best customer service. By doing this we create value for shareholders and customers.

GKN Driveline in



Alamance

GKN Driveline Alamance was established in 1981 and produces sideshafts components.



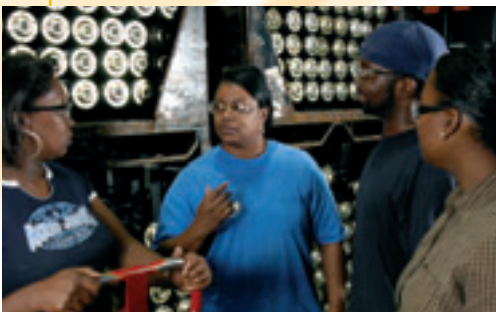
Auburn Hills

GKN Driveline Auburn Hills was established in 1987. Sales and marketing staff work closely with a team of specialist engineers in the research and product development centre.



Bowling Green

GKN Driveline Bowling Green was established in 1998s and manufactures torque products.



Columbia

GKN Driveline Columbia was acquired in 2000 and manufactures premium propshafts.

North America

Durham

GKN Driveline Durham is the administration centre for the GKN Driveline Americas region.



Roxboro

GKN Driveline Roxboro was established in 1994 and assembles sideshafts.



Sanford

GKN Driveline Sanford was established in 1980 and manufactures sideshafts components. In 1984 a precision forming facility was set up.



Celaya (Mexico)

GKN Driveline Celaya was established in 1979 and produces sideshafts. In 2000 a precision forming facility was set up.



GKN Driveline in



Colombia

Bucaramanga

Bucaramanga was established in 1994 and produces sideshafts.



Brazil

Porto Alegre

GKN Driveline in Brazil was established in 1974 and produces sideshafts. Porto Alegre is the main production facility in Brazil.



Brazil

Charqueadas

GKN Driveline Charqueadas was established in 1995 and produces interconnecting shafts. This facility also supplies precision forgings.



Uruguay

Montevideo

GKN Driveline Montevideo was established in 1981 and produces sideshafts.



South America



GKN Driveline in Brazil

GKN Driveline in Brazil was established in 1974 as a joint venture to supply constant velocity joints for the Volkswagen Passat. It continued to grow as a result of the excellent quality of its products, supplying the original equipment and spares markets in Brazil and abroad.

GKN Driveline supports all the major automotive assembly plants in Brazil, with a dominant share of the domestic market: approximately 80% of the vehicles produced in Brazil are equipped with GKN Driveline sids shafts, reflecting the confidence of car manufacturers in the company's commitment to excellence.

Dynamic and entrepreneurial in its approach, GKN Driveline in Brazil has gone from strength to strength. In addition to the original Porto Alegre

plant, a facility at Charqueadas supplies parts for the production of constant velocity joints. A laboratory equipped with the latest technology provides testing and approvals of sids shafts and components for the entire South American market.

The 1,300 employees of GKN Driveline in Brazil are encouraged to be entrepreneurial, and the commitment and contribution of every individual ensures that the company's unequalled global service is focused on the needs of local customers by a highly motivated and dedicated team.



GKN Driveline Porto Alegre



GKN Driveline Charqueadas



GKN Driveline's strength lies in its product range and the technical support that ensures optimum performance for any vehicle. Whatever the configuration and performance targets, GKN Driveline has the products to achieve the best driveline solution. With them comes an understanding of the other inputs to vehicle dynamics, and how these can be optimised for weight and performance improvement.

Technology and products

Innovative engineering and the development of new products also take top priority within the organisation. GKN Driveline commits significant resources and investments to make sure that its products and services evolve constantly to meet the changing demands of the automotive markets it serves.

The company's objective is to provide a 'one-stop' service, focusing its entire capability on customers' needs, and combining complete reliability with a pro-active approach to quality to ensure that the perfect product is always delivered to just-in-time requirements.



Constant velocity sideshafts



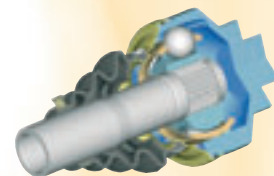
Interconnecting shafts



Tripod plunging joint AAR



Fixed ball joint AC



Ball plunging joint VL (Monobloc)



Fixed ball joint UF



Tripod plunging joint GI



Ball plunging joint VL Disc

Quality

Certificates



The national and international accreditations gained by GKN Driveline reflect the company's commitment to quality. GKN Driveline pioneered multiple certification, and leads in environmental monitoring and safety, concern with the quality of its employees, and product and process

planning. Meeting the automotive industry's challenges with reliability and a commitment to continuous product improvement is nothing new for GKN Driveline, which engages the energies and dedication of its employees in fulfilling the quality demands of customers throughout its business.

Client recognition



Awards



Community and environment

As a major employer and leading supplier to the automotive industry, GKN Driveline is fully aware of its role in society, and its responsibilities for the environment. The company actively supports programmes aimed at improving social and cultural opportunities, and developing environmental and educational awareness.

Restoration of St. Anthony's Chapel

GKN Driveline, in partnership with Gerdau, restored St. Anthony's chapel in Charqueadas, a building with a 90 year history.

Renaissance project

A social project working in partnership with schools in the community, offering personal intellectual and professional development opportunities to help adolescents from deprived backgrounds develop work and life skills.

Theatre group

A cultural project that aims to build awareness within the community of topics such as AIDS, drugs, and the prevention of accidents at work. The project is run by GKN Driveline's own employees.

Choir

A cultural project which provides artistic and cultural expression through music, aiming to foster links between the company and the community.

„Casa dos Sonhos“ Foundation

GKN Driveline supports the „Casa dos Sonhos“ Foundation initiated by employees from GKN Driveline and Dana. The foundation provides cultural, social and educational activities for children, teenagers and elderly people.

SENAI school

The SENAI unit, installed at GKN Driveline, is an educational project that has already trained 280 professionals in general engineering. The school's aim is to train and educate young people, developing technical and human skills to integrate them into the job market.

Centro Vita

At GKN Driveline in Porto Alegre, wood from disused pallets is transformed into houses and furniture, providing income that helps to maintain the institution, underlining the company's commitment to good citizenship and ecological conscience.

Santo Antonio Children's Hospital

GKN Driveline was a major contributor to the project that has resulted in the new Santo Antonio Children's Hospital in Porto Alegre. The Santo Antonio Hospital, owned by Santa Casa de Misericordia, will treat up to 45,000 children a month.

Church restoration

GKN Driveline was actively involved with the restoration of the church Nossa Senhora das Dores, the oldest church in Porto Alegre.



Theatre group



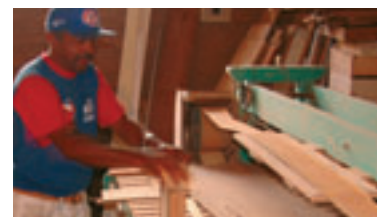
Choir



SENAI



Renaissance project



Centro Vita



Casa dos Sonhos



Children's hospital



Das Dores church



Restoration of St. Anthony's chapel



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