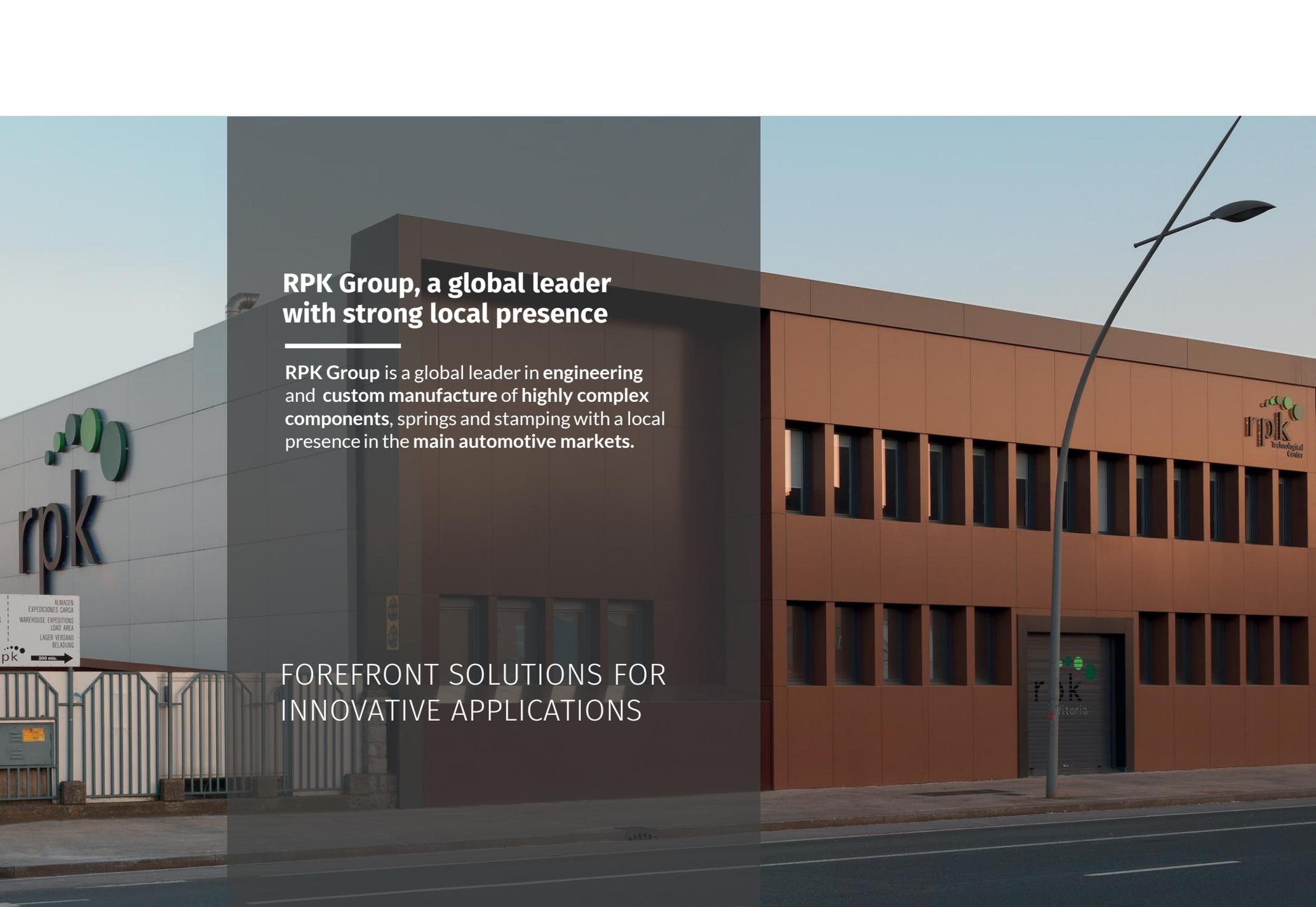




HYDROGEN MOBILITY
SOLUTIONS

A photograph of a modern, two-story industrial building with a brown facade and large windows. The RPK logo is visible on the building's exterior. A dark grey semi-transparent box is overlaid on the left side of the image, containing text. A street lamp is visible on the right side of the building.

RPK Group, a global leader with strong local presence

RPK Group is a global leader in engineering and custom manufacture of highly complex components, springs and stamping with a local presence in the main automotive markets.

FOREFRONT SOLUTIONS FOR
INNOVATIVE APPLICATIONS

HYDROGEN SOLUTIONS

BUILDING A GREENER FUTURE

At RPK Group, we specialize in designing and manufacturing metal components, bus bars, and springs for a wide range of **Hydrogen Internal Combustion engines (ICE)** and **Hydrogen Fuel Cells** for both cars and trucks.

Our expertise extends to crafting solutions for fuel cell stack injectors and overseeing the entire control system, from the tank to the fuel cell regulator.

MATERIALS

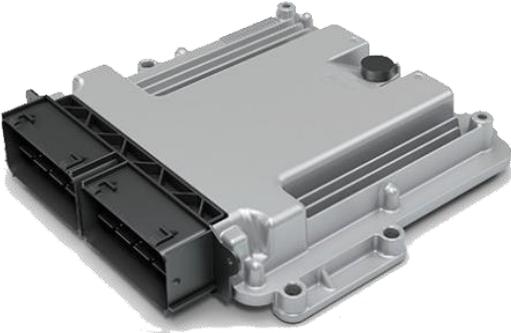
With a deep understanding of the challenges related to material hydrogenation, **we have cultivated extensive knowledge of non-hydrogenating materials to ensure the utmost reliability of our products.**



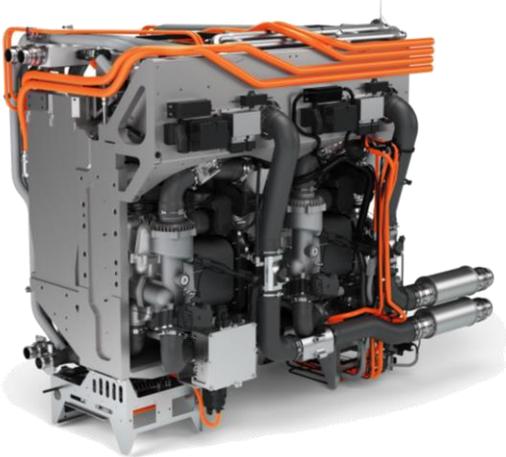


HYDROGEN APPLICATIONS

COMMON APPLICATIONS AND SOLUTIONS



FUEL CELL CONTROL UNITS



FUEL CELL POWER DISTRIBUTION UNITS



HYDROGEN INTERNAL COMBUSTION ENGINES (H2 ICE)



FUEL CELL & H2 ICE INJECTORS



WAVE SPRINGS



BUS BARS (FLEXIBLE, WITH INSERTIONS...)



COMPRESSION SPRINGS



RINGS & SEALS



BENDING, STAMPING & WIRE FORMS



CONTACT SPRINGS

RPK TECHNOLOGICAL CENTER

PASSION FOR ENGINEERING

Our cutting-edge **Technology Center** at our state-of-the-art factory in Vitoria-Gasteiz is home to our team of **20 engineers**, who work closely to develop solutions to real-world engineering challenges and bring new technologies to the market.

All the **knowledge** generated at the RPK Technological Center is shared in real-time with our engineering teams around the world, and vice versa.

WE'RE CLOSE TO YOU BUT HAVE THE REACH AND CAPABILITIES OF A GLOBAL LEADER



RPK TECHNOLOGICAL CENTER

PASSION FOR ENGINEERING



OUR ENGINEERING TEAM WILL SUPPORT YOU IN:

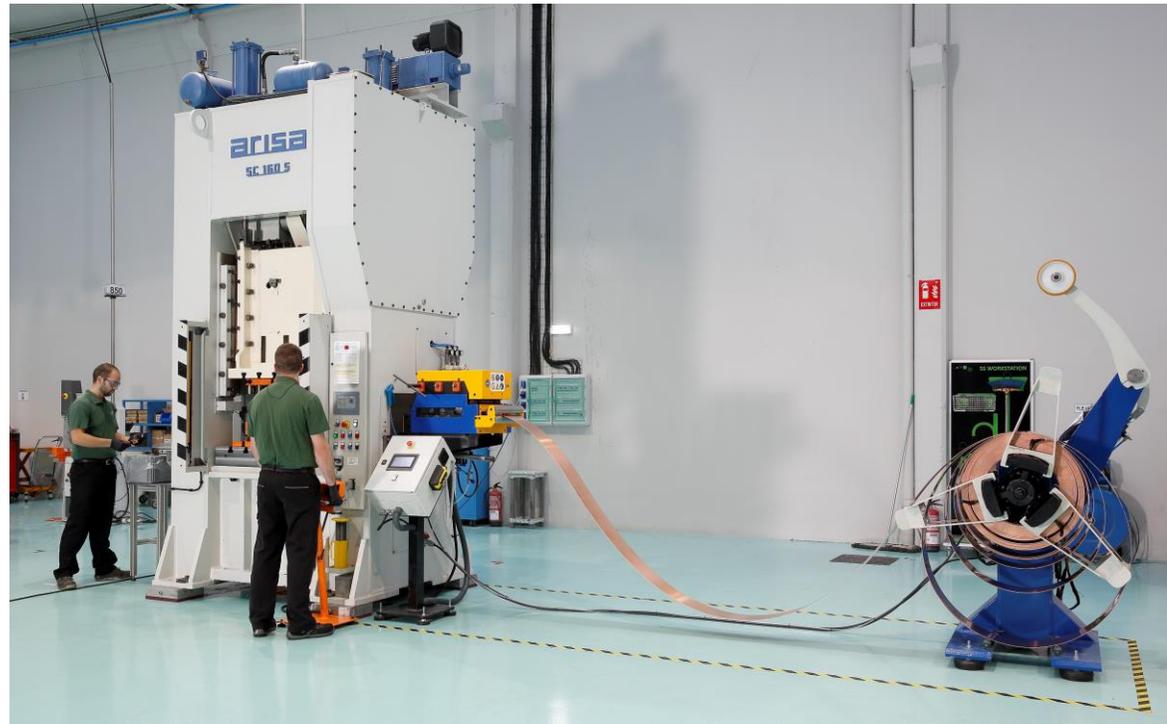
- **Creating, designing and developing unique components from scratch or improving the performance or characteristics of an existing part**
- **Guiding you through the design and manufacture stages, providing advice on processes and materials, to achieve an optimal, custom solution**
- **Developing in-house machines and tooling, packing and vision control specifically for your components**

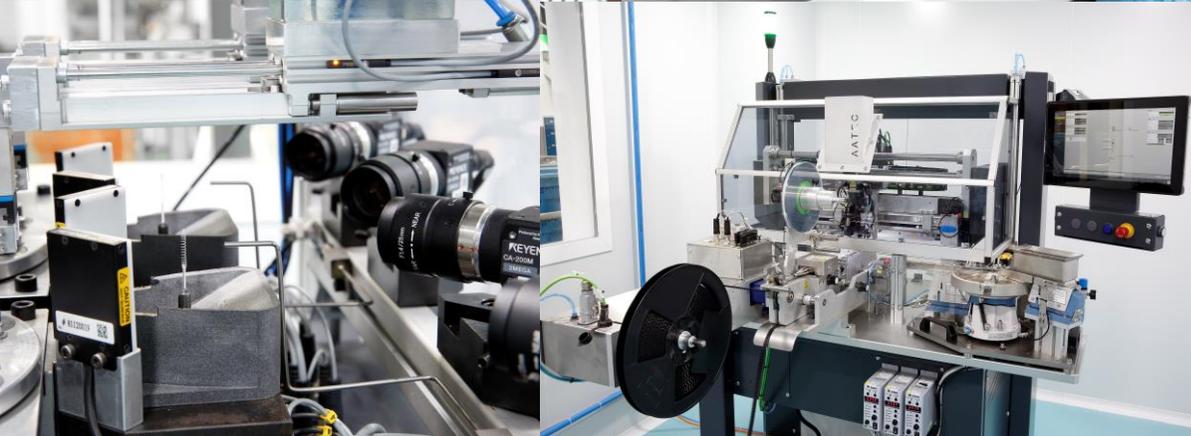
HOW DO WE DO IT?

Machine development

At RPK Group, we use **state-of-the-art technologies** for all our manufacturing processes, from **CNC machines** to **R&D+I projects, testing, control and quality inspection** (with **machine-integrated vision control technology for quality control**) as well as **deburring, cleaning, oiling and packaging solutions**.

We have an **in-house machine and tooling workshop** that enables us to offer flexible solutions and meet our customers' specifications.





Key Processes

- FEM/FEA Analysis
- Clean rooms in Europe, North America and China
- Ultrasonic cleaning
- Environment cleaning
- Custom packaging solutions in clean room such as Tape and Reel Packing
- Machine-integrated vision control technology (100% unitary control) and electric resistance
- Plastic assemblies
- Overmolding, Epoxy and Polyamid solutions
- Laser Welding
- Plating, special coatings & surface treatments
- Hardware insertions
- Deburring
- Grinding
- Cold & hot presetting
- Shoot peening & vibrating

INDUSTRIES



AUTOMOTIVE



ELECTRIC



INDUSTRIAL



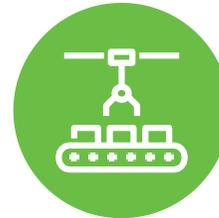
MEDICAL



E-MOBILITY



POWER TOOLS



OTHER
INDUSTRIES



CONSUMER
GOODS

WORLDWIDE OPERATIONS





FOREFRONT SOLUTIONS FOR INNOVATIVE APPLICATIONS

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