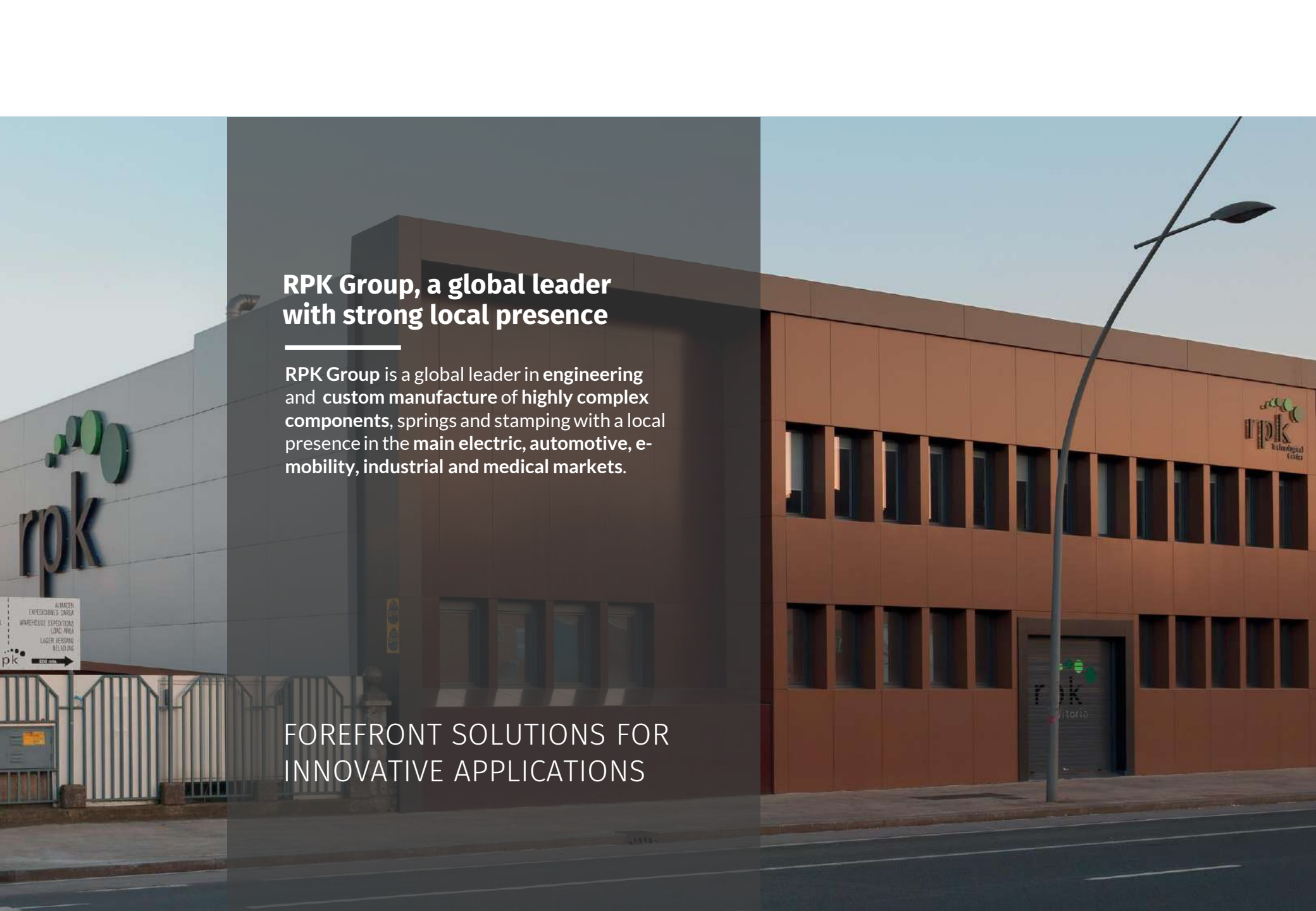


rpk

E- BIKE SOLUTIONS

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

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 electric, automotive, e-mobility, industrial and medical markets.

FOREFRONT SOLUTIONS FOR
INNOVATIVE APPLICATIONS

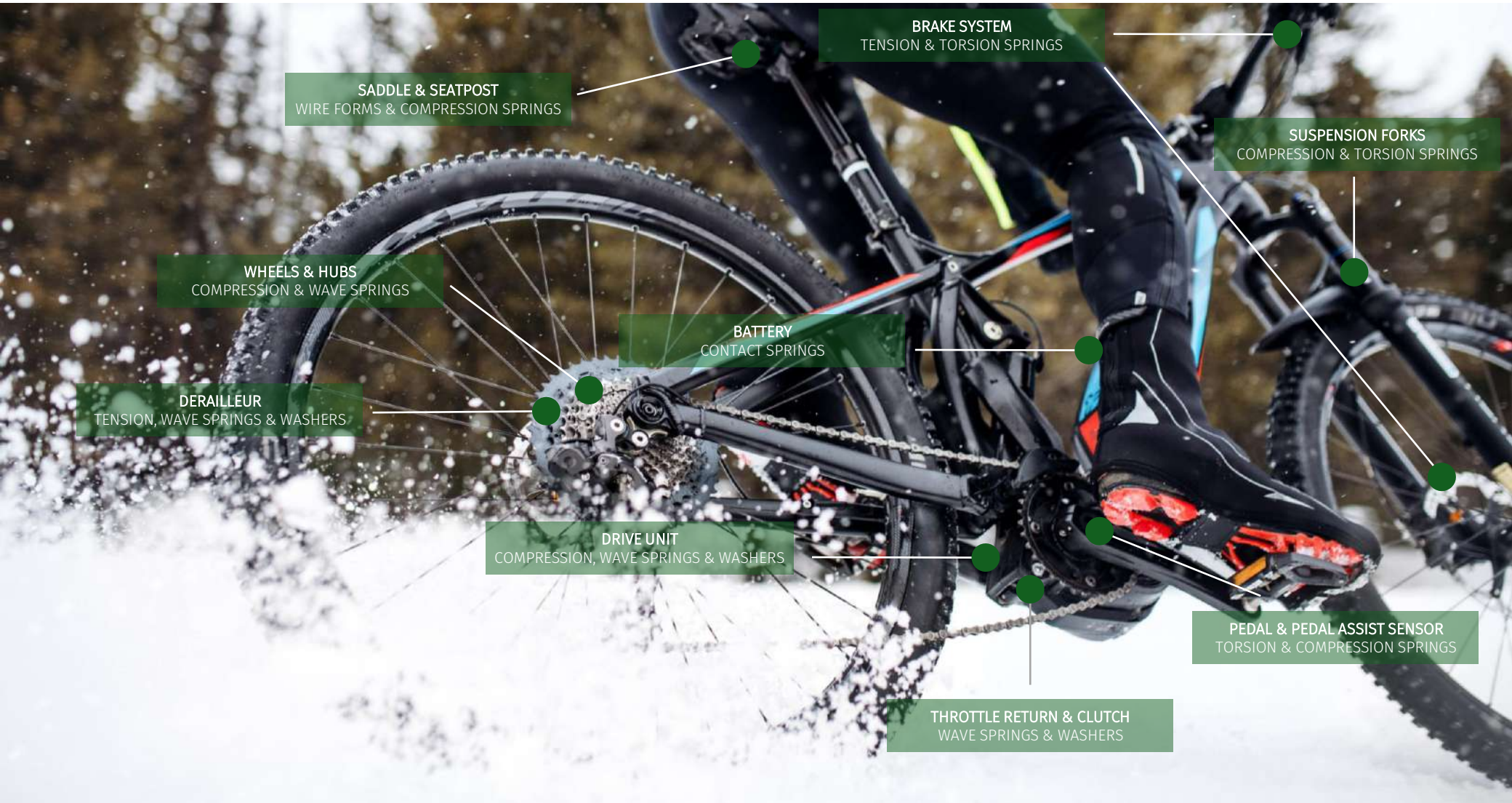
ENHANCING PERFORMANCE SINCE 1974

THE E-BIKE MARKET



APPLICATIONS

BOOST YOUR BIKE WITH OUR SOLUTIONS



SADDLE & SEATPOST
WIRE FORMS & COMPRESSION SPRINGS

BRAKE SYSTEM
TENSION & TORSION SPRINGS

SUSPENSION FORKS
COMPRESSION & TORSION SPRINGS

WHEELS & HUBS
COMPRESSION & WAVE SPRINGS

BATTERY
CONTACT SPRINGS

DERAILLEUR
TENSION, WAVE SPRINGS & WASHERS

DRIVE UNIT
COMPRESSION, WAVE SPRINGS & WASHERS

PEDAL & PEDAL ASSIST SENSOR
TORSION & COMPRESSION SPRINGS

THROTTLE RETURN & CLUTCH
WAVE SPRINGS & WASHERS

PRODUCTS

TAILOR-MADE SOLUTIONS

COMPRESSION SPRINGS

Wire diameter: 0.10-5 mm (0.004-0.2 in)



WAVE SPRINGS & WAVE WASHERS

Wire diameter: 0.10 x 0.4 mm (0.004 x 0.016 in)



CONSTANT FORCE SPRINGS & POWER SPRINGS

Strip thickness: 0.05-1 mm (0.002-0.04 in)
Strip width: 1.5-100 mm (0.06-3.9 in)



TORSION SPRINGS

Wire diameter: 0.10 x 4 mm (0.004 x 0.16 in)



TENSION SPRINGS

Wire diameter: 0.10-4 mm (0.004-0.16 in)



CONTACT SPRINGS & BUS BARS

Wire diameter: 0.10-2 mm (0.004-0.08 in)



FLAT SPRINGS, STAMPINGS & WIRE FORMS

Strip thickness: 0.10-2 mm (0.004-0.08 in)
Strip width: 1-4 mm (0.04-0.16 in)



BENEFITS

ENGINEERING EXCELLENCE

- **Lightweight components** enhance agility and maneuverability, making it easier for riders to perform to their fullest potential
- **Durability solutions** that withstand daily use, even in challenging conditions
- **Dynamic performance** due to R&D in materials and processes
- Solutions that ensure **maximum efficiency** in harsh conditions, including shock and vibration, humid and challenging environments



HOW DO WE DO IT?

Engineering, design, planning and product development

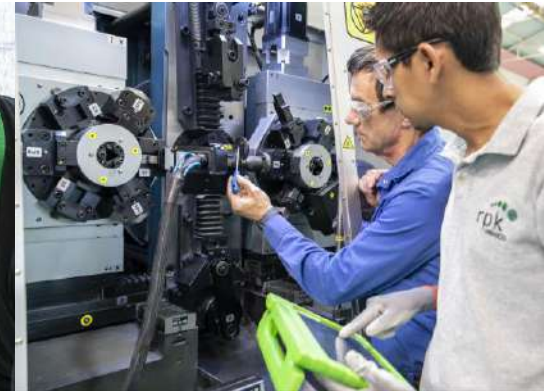
Our engineers work alongside our customers to find the best solution for them, applying scientific methods and knowledge accumulated over almost 50 years.

- Engineering
- Product design
- FEM/FEA analysis with ANSYS
- Prototyping
- Tooling development
- Research of processes and materials
- Design and development of special machinery
- Cost optimization

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.





Materials

The choice of the right material, surface treatment and coating are critical for the final quality and safety of the product. From stainless steels to the most specific materials bought in from the best suppliers.

Key Processes

- Clean room in Europe, North America and China
- Passivation
- Ultrasonic cleaning
- Environment cleaning
- Custom packaging solutions in clean room such as Tape and Reel Packing
- Machine-integrated vision control technology (100% unitary control)
- Plastic assemblies
- Deburring
- Grinding
- Cold & hot presetting and hot setting
- Shot peening & vibrating
- Special coatings
- Overmolding

WORLDWIDE OPERATIONS



RPK, PASSION FOR CYCLING

From our origins at RPK Group, a deep connection to our roots and the cycling legacy of Euskadi has shaped our journey. The Basque Country, renowned for its cycling fervor, has inspired us to integrate tradition into our ethos. This commitment is visible in our omnipresent cycling apparel gracing the Basque roads, our cyclotourism excursions, the sponsoring of the UCI Trials World Youth Games, and our enthusiastic support for the 2023 Tour de France Grand Depart in Vitoria-Gasteiz. We have recently shown our unwavering support for young female Cyclocross enthusiasts in our province, by fostering a community that is supportive of their passion and achievements.



At RPK Group, we are more than a company; we are a community fueled by a love for cycling and deeply rooted in Euskadi's traditions. As we move forward, our commitment to our land and its cycling legacy remains strong, ensuring that the wheels of tradition continue to turn for generations to come.





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