

**rpk**

Medical



Where  
tech meets  
**Medical**

Spring, stamping & bending parts,  
and assemblies for your inhalers and  
pump sprays



# Your partner for springs, stamping & bending parts, and assemblies in the medical device industry. ISO 13485 Certified

At RPK Medical, we stand out as your long-term partner, experts in crafting tailor-made solutions in the medical device sector. Our commitment goes beyond providing solutions – we aim to transform lives for the better. We prioritize listening to you, understanding your unique needs, and tailoring solutions that go beyond springs, stamping & bending or assemblies with precision and reliability.

# Why RPK Medical? Quality

## Expertise and experience

RPK Group brings over 50 years of expertise and leadership in designing solutions in various critical sectors.

## Precision and Reliability

With a commitment to precision and reliability, we deliver solutions that work when it matters most. ISO 13485 Certified

## Global reach, local service

Wherever you are, our factories in Europe, North America, and Asia ensure that we are always nearby to support you throughout the process.

## Innovation

We're like you, inherently avant-garde. Innovation is in our DNA as a pathway to enhance people's lives.

## Commitment

Our priority is to establish a strong, long-lasting relationship with you. Our main clients have been with us for more than 45 years.

## Cleaning and packaging

We ensure the highest standards of cleanliness in our medical clean rooms worldwide. Our meticulous assembly, cleaning, and packaging guarantee flawless solutions.

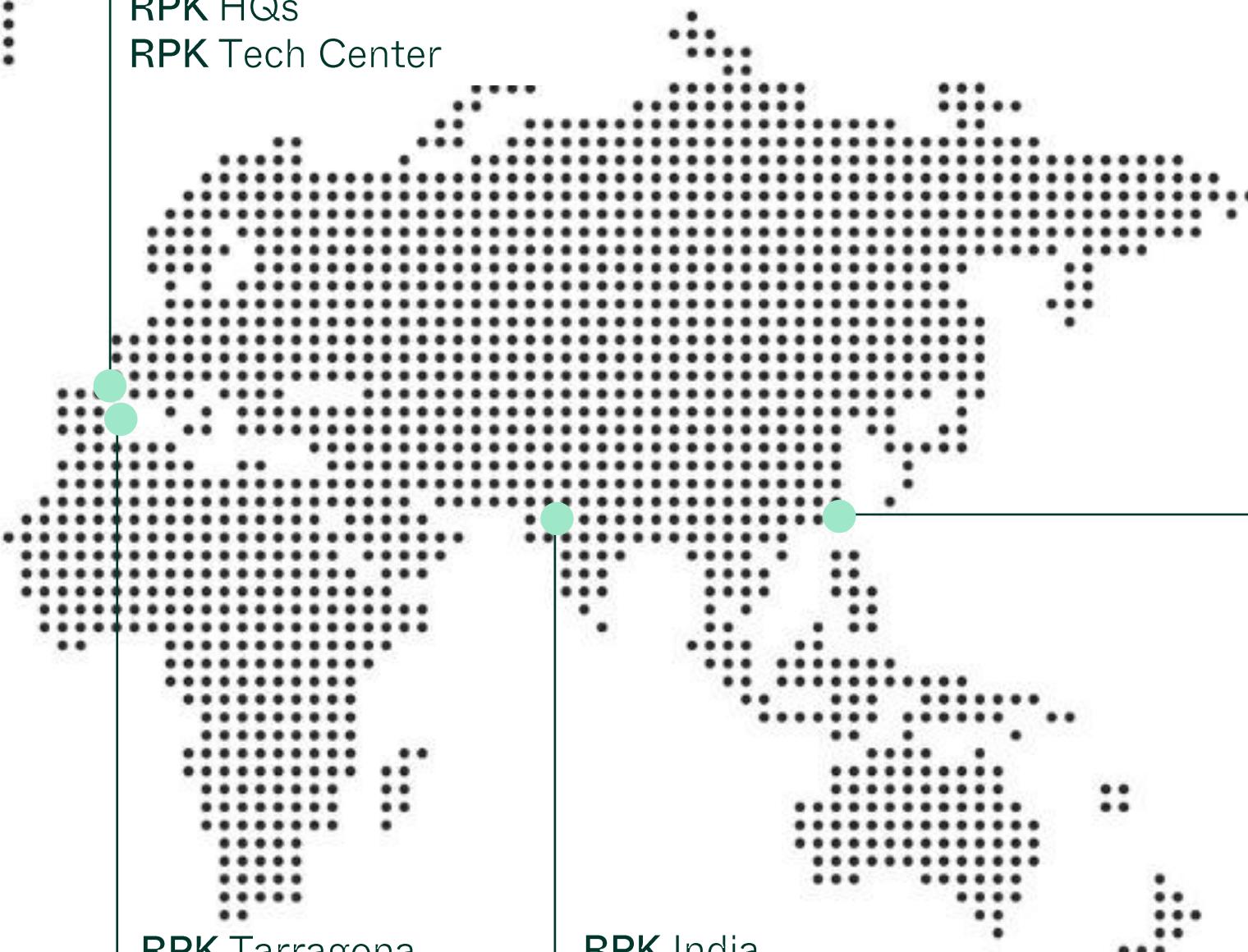
# Worldwide operations



RPK Mexico



RPK HQs  
RPK Tech Center



RPK Tarragona



RPK India

## RPK VITORIA

Established in 1974 in Vitoria-Gasteiz (Spain)

The plant is strategically located in the Basque Country. Well connected to the most important industrial areas in Europe.

**LOCATION:** Vitoria-Gasteiz, Basque Country (Spain). RPK Vitoria has a built Surface of 17.000 m2.



## RPK TARRAGONA

Founded in 1963 and acquired by rpk S. Coop. in 2006 to expand its portfolio.

In 2010 a new company, Bardaji, was bought and integrated into RPK Tarragona to increase the catalogue with stamp+bend strip forming.

**LOCATION:** Tarragona, Catalonia, Spain. 100 km from Barcelona.



## RPK CHINA

RPK China was founded in 2018 to offer our services to customers located in China.

**LOCATION:** Kunshan New & Hi-Tech Industrial Development Zone (KSND). National Highway with its convenient traffic conditions it takes only 45 minutes to Shanghai Hongqiao Airport. RPK China has a 2.000 m2 production plant.



## RPK MEXICO

RPK Mexico S.A. de CV was established in 2001 to offer our services to multinational clients in the NAFTA area

**LOCATION:** Celaya, Guanajuato. RPK Mexico has a 6.500 m2 production plant with a free reserved expansion area of 8.000 m2



## RPK INDIA

RPK India was established in 2009 to offer our services to multinational clients in the Asia area.

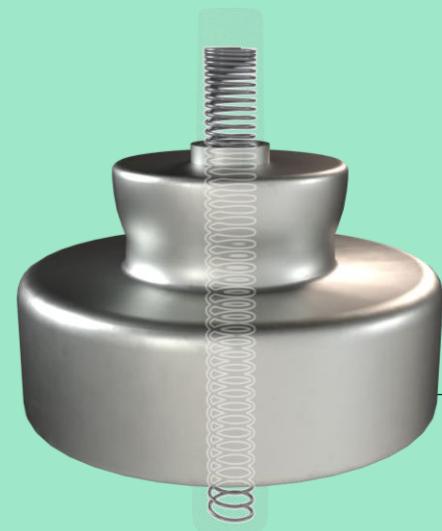
**LOCATION:** Pune, Maharashtra, India. RPK India has a 3.000 m2 production plant with a free reserved expansion area of 18.000 m2.



# Inhalers & pump sprays

Improving inhalers and pump sprays for optimal respiratory care.

We are experts in designing and manufacturing springs, stamping & bending parts, and assemblies for metered-dose inhalers (MDI), dry powder inhalers (DPI), soft mist inhalers (SMI), and valves.



Spring-powered inhalers are more reliable and eliminate the issue of coordination between button press and inhalation

They are helpful in indicating and controlling precise dosages

# Relief for respiratory conditions

Inhalers and pump sprays are medical devices that deliver medication directly to the lungs and respiratory system. They offer quick relief for respiratory conditions such as asthma and chronic obstructive pulmonary disease (COPD). These handheld devices come in different types, including metered-dose inhalers (MDI), dry powder inhalers (DPI), and soft mist inhalers (SMI).



# Products

Tailored springs, stamping & bending and assemblies for your medical devices

## Compression Springs

Wire diameter:  
From 0.10 mm (0.004 in)



## Wave Springs

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



# Products

Tailored springs, stamping & bending and assemblies for your medical devices

## Stamping & Bending

Strip thickness:  
0.10-2.5 mm (0.004-0.1 in)

Strip width:  
1-140 mm (0,04-5,5 in)



## Power Packs & Assemblies

Usually made of compression, constant force, or power spring + stamping & bending parts and other plastic components



# Products

Tailored springs, stamping & bending and assemblies for your medical devices

## Torsion Springs

Wire diameter:  
From 0.10 mm (0.004 in)



## Tension Springs

Wire diameter:  
From 0.10 mm (0.004 IN)



# Products

Tailored springs, stamping & bending and assemblies for your medical devices

## Constant Force & Power Springs

Strip thickness:  
0.05-1 mm (0.002-0.04 in)

Strip width:  
1.5-100 mm (0.06-3.9 in)



## Contact Springs

Compression, torsion, tension, canted coil springs, and stamping & bending parts  
Experts in surface treatments and plating including silver, gold, copper, and nickel



# Your application is also ours

## Main applications



Autoinjectors



Pen injectors



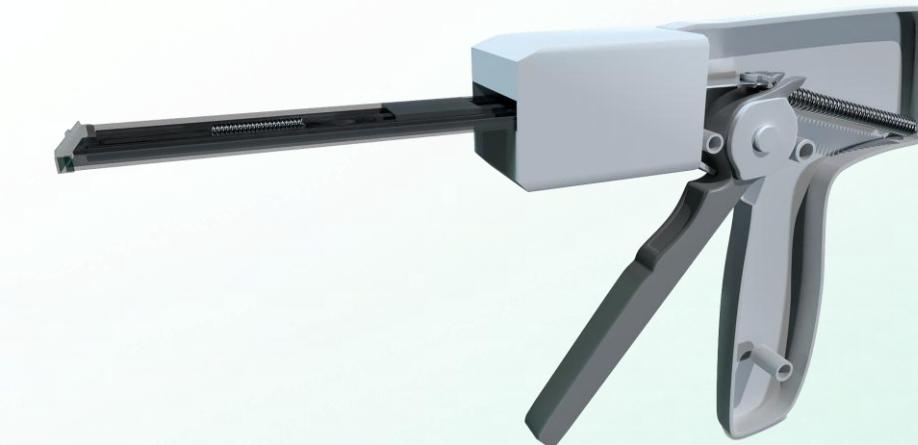
Wearables &  
OBDSs

# Your application is also ours

## Main applications



Inhalers



Staplers & surgical devices



Syringes



Airway products & blood collectors

# Need. Develop. Do. Care

Medical device engineering and processes  
that make the life easier

ISO 13485 certified



# RPK Technological Center

At RPK Medical we have our RPK Technological Center, avant-garde and unique in the sector, with an in-house team specializing in projects with highly complex technology

# Our engineers are committed to supporting you in:

## Product design:

- Engineering
- Product design
- Expertise in special materials, such as Nitinol

## Product & process development:

- Advanced process and quality planning (APQP)
- FEM/FEA analysis
- Prototyping
- In-house machine and tooling development
- Special packaging designs
- Full process design



Our engineers are committed to supporting you in:

## Product industrialization:

- Full manufacturing (Europe, America and Asia)
- Ramp-up
- Technical and biological cleanliness in clean rooms (Environment and ultrasonic cleaning)
- ISO 7 clean rooms in Europe, America and Asia, and ad hoc for your projects
- Custom packaging solutions in clean room such as Tape & Reel, VCI...
- Passivation
- 100% unitary control: machine-integrated vision and control technology
- Assemblies and overmolding. Automatic assembly lines in clean rooms
- Special coatings and surface treatments
- Welding
- Deburring
- Grinding
- Shoot peening
- Heat treatments
- Product testing at our labs: environment, fatigue, relaxation, cleanliness, residual, dynamic tests, etc.

# Part of the RPK GROUP

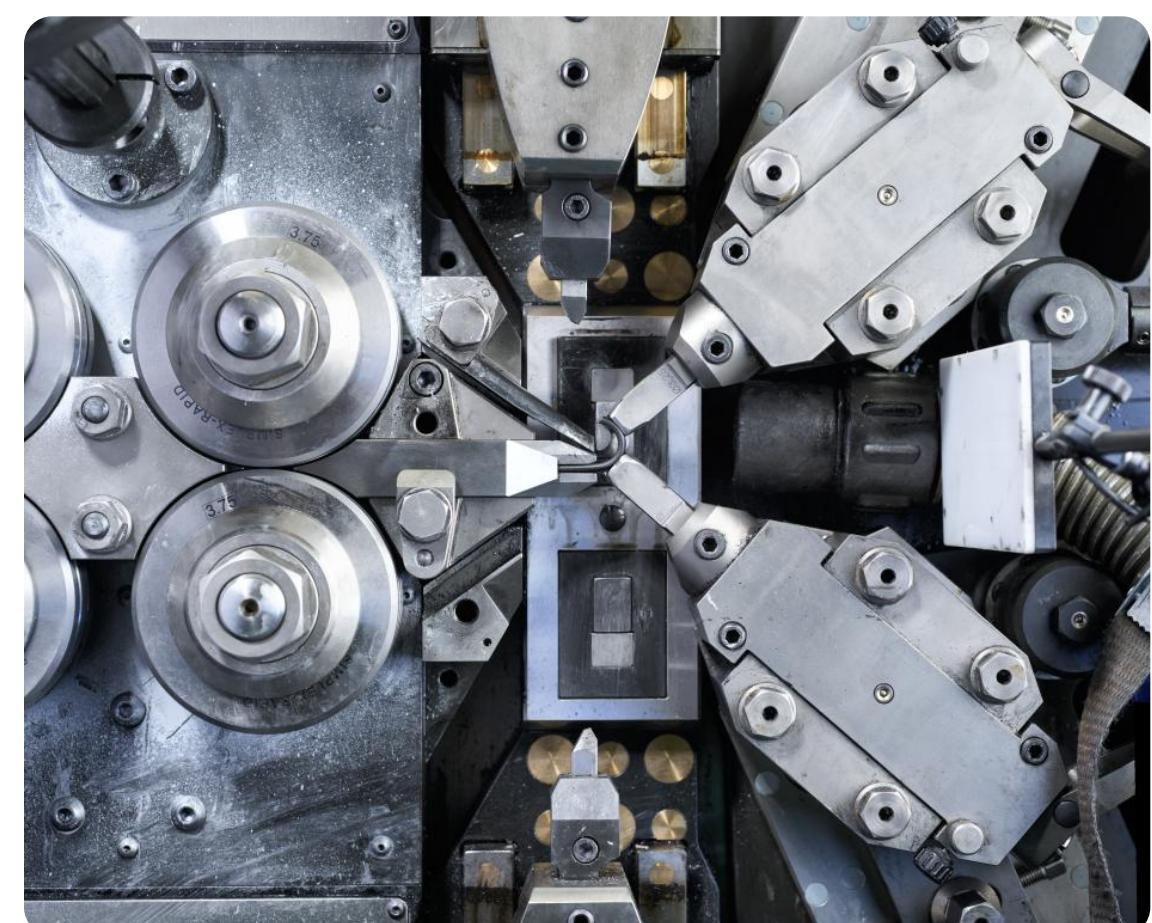
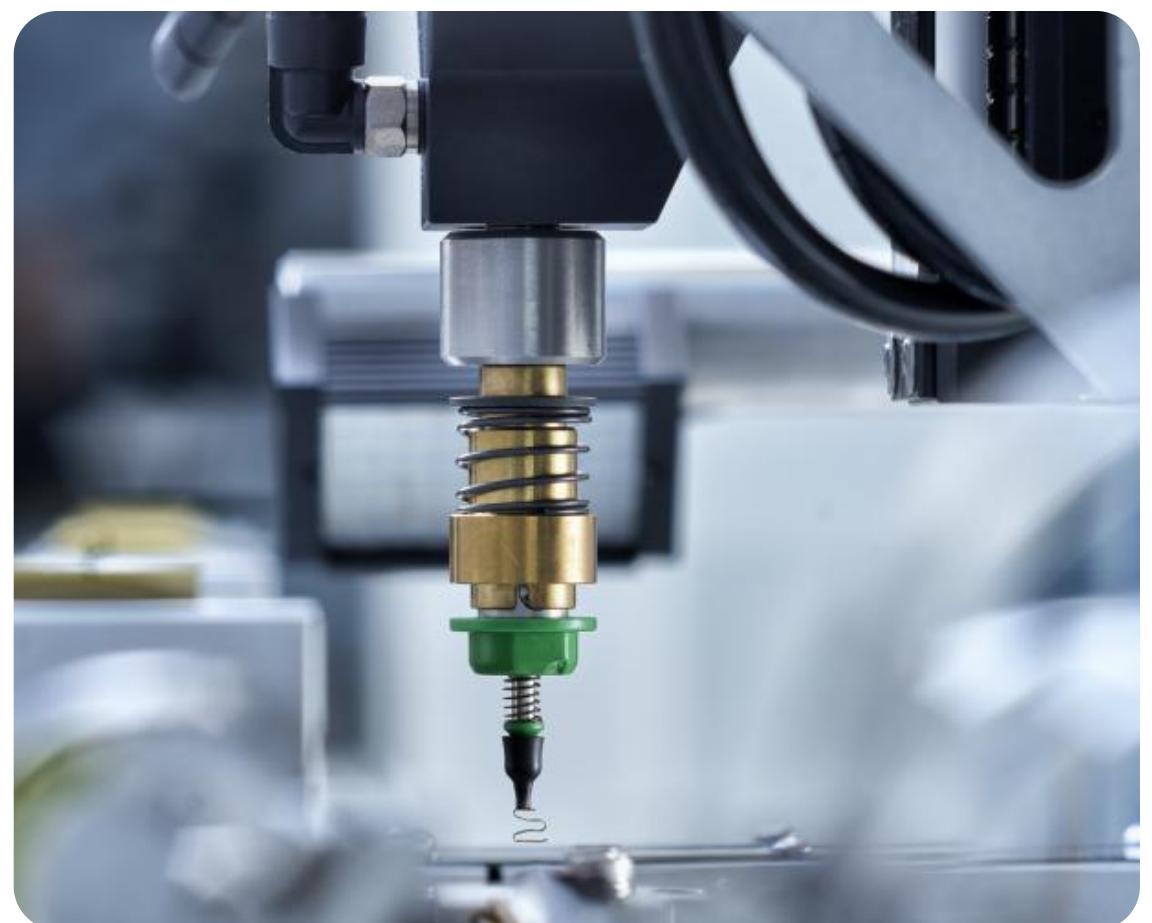
RPK Medical is a division of the RPK Group, global company that has been a leader for 50 years in various sectors that are crucial to people's lives. Our mission is centered around people who envision, design, develop, and provide unique, technologically advanced solutions to improve society, both now and in the future.

**6 locations on 3 continents**

**More than 750 employees**

**33% sales increase in the last 7 years**

**10% investments vs. total sales**



We care  
for those who  
care for people



[rpk-medical.com](http://rpk-medical.com)