



**FOCUSED ON  
COMPRESSED AIR  
AND GAS TREATMENT**



ENGINEERING YOUR SUCCESS.

# FOCUSED ON COMPRESSED AIR AND GAS TREATMENT

**At Parker, we have created a global engineering company, by engineering value for our customers. We apply our expertise in motion and control technologies within specific fields of excellence, to create market-leading solutions.**

Currently we operate in 104 different countries, across seven operating groups: Aerospace, Automation, Fluid Connector, Hydraulics, Instrumentation, Engineered Materials and Filtration.

And within our European filtration business, we have more than 140 years combined experience in compressed air and gas treatment, concentrated in three world class brands:



**FOCUSED ON  
FILTRATION AND  
SEPARATION**



**FOCUSED ON  
REFRIGERATION  
AND COOLING**



**FOCUSED ON  
ADSORPTION**

## **Focused on customers**

Across our three brands we offer everything our customers need for effective compressed air and gas treatment, for applications in the industrial plant and equipment, food and beverage and natural resources markets.

By concentrating our expertise around specific technologies, we are able to manufacture award-winning products to the highest quality, in order to deliver the ultimate in performance at every stage in the compressed air and gas treatment process.

Our products are engineered at our European centres of excellence. We're close to the people who use our products. We understand the industries they work in and the issues they face. We have a crystal-clear focus on giving our customers what they need to succeed - straightforward product choice, innovative energy-efficient technology, reduced lifetime costs, and enhanced productivity and profitability. All backed by expert service and support.









# FOCUSED ON FILTRATION AND SEPARATION

Parker domnick hunter is world-renowned for compressed air filtration and separation. We invented the filter technology which remains the modern-day benchmark. And we continue to lead the world in the development of more efficient and effective treatment, with class-leading solutions such as the GL Plus and OVR ranges.

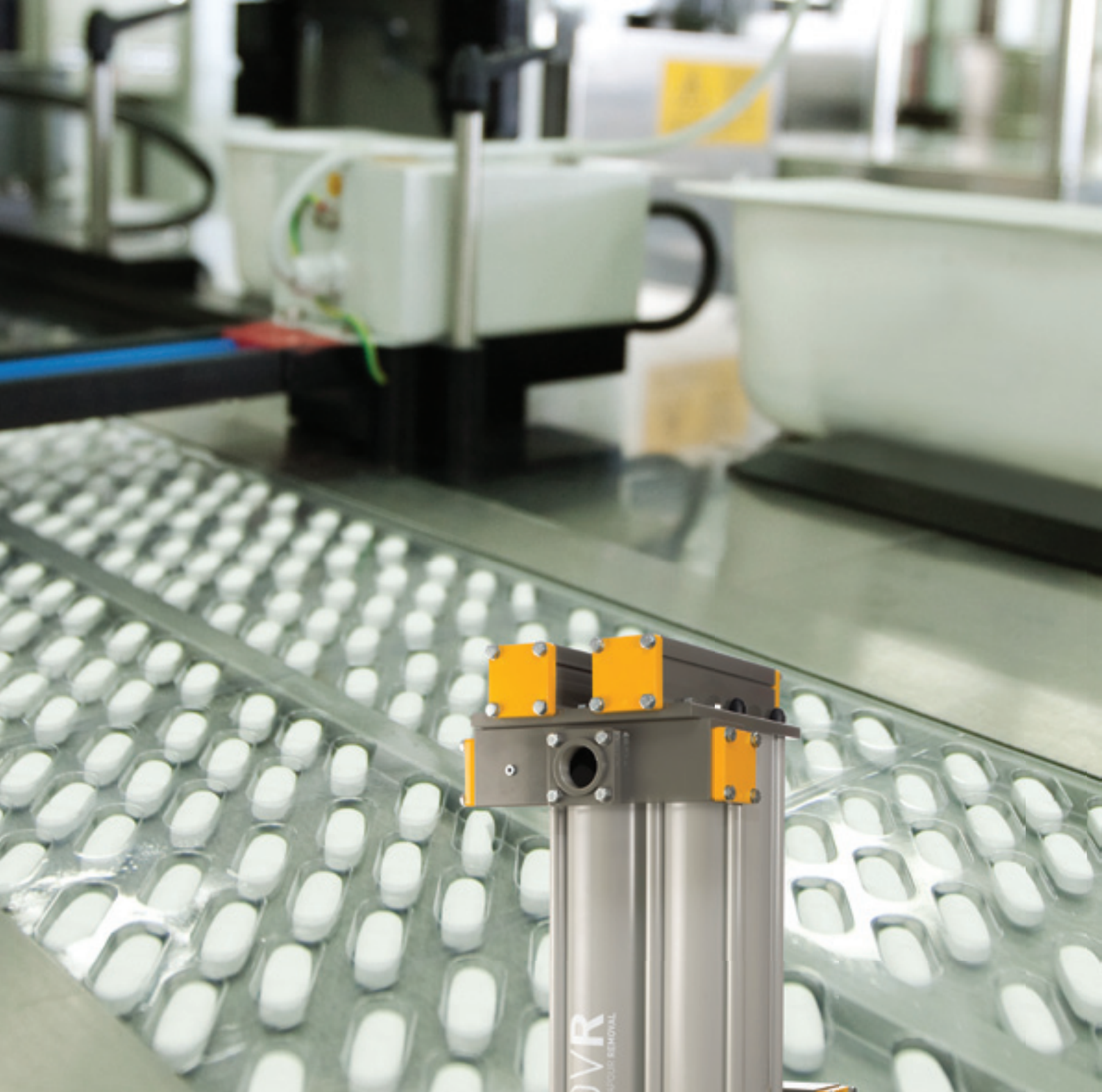
Our focus is on delivering cleaner, better quality compressed air – for applications across industrial plant and equipment, food and beverage and natural resources markets. And wherever they operate, customers can trust our solutions to help deliver the highest standards of energy efficiency, reduced CO<sub>2</sub> emissions and lowest total lifetime costs.

## GL Plus filter range

High quality compressed air filtration engineered for consistent performance and low operating costs.

- World leading energy efficiency and lowest total cost of ownership
- Guaranteed air quality over the filter element lifetime





### OVR filter range

Advanced oil vapour removal filters, offering maximum performance and cost effectiveness.

- High air flow capacity
- Technically oil free air
- Easy maintenance





## Biogas Treatment and Siloxane Removal Systems

A complete portfolio of solutions, including advanced biogas treatment skids for drying and filtration, and regenerative systems that remove aggressive siloxanes from the gas stream.

- Unique, patent protected regenerative siloxane removal technology
- Chillers with special protective treatment for reliable operation in aggressive environments
- Highly efficient components made of stainless steel for increased durability







# FOCUSED ON REFRIGERATION AND COOLING

With over 50 years experience in the development and manufacture of cooling and refrigeration solutions for compressed air and gas treatment, Parker Hiross is a world leader in the industry. We offer a complete range of solutions, including refrigeration dryers, chillers, advanced tandem technology dryers, as well as siloxane removal systems for biogas treatment – with maximum performance and efficiency at the heart of every solution.

Advanced energy saving technology, low-maintenance design and outstanding engineering quality combine to ensure reduced energy consumption, maximum up-time and zero risk of pollution. It's a combination that delivers increased productivity and lowest lifetime cost for customers.



## Antares

Advanced compressed air tandem drying technology.

- Ultimate energy efficiency
- Lowest lifetime cost
- Constant dew point performance
- Compact design

## Hyperchill Plus

A range of high performance industrial process chillers, offering extreme efficiency and reliability.

- Compact and configurable
- Easy to install and operate
- Maximum up-time
- Low energy consumption





# FOCUSED ON ADSORPTION

For more than 40 years, Parker Zander has been at the forefront of water vapour reduction for compressed air and gas. World-class technical expertise, ongoing innovation and industry know-how mean that our ranges of adsorption dryers continue to set the standards for air quality, energy efficiency, reliability and ease of use.

We stand for the highest levels of engineering and manufacturing quality. And we are committed to providing end users with the very best drying performance along with the lowest cost of operation over the lifetime of the solution.

## PNEUDRI MX

**Heatless compressed air desiccant dryers.**

Highly compact design, highly efficient and reliable drying performance.

- Reliable dry, oil-free air
- Maximum energy efficiency
- Space saving and lightweight
- Modular and flexible





## HDK-MT

The most compact, durable and reliable high pressure dryer on the market.

- Robust and compact
- Virtually leakage free
- Maximum energy efficiency
- Corrosion resistant components



# FOCUSED ON PRODUCT QUALITY AND CUSTOMER SUPPORT

**At Parker, we work closely with customers' design teams to ensure that systems are 100% right from the outset.**

We bring unparalleled expertise in compressed air and gas treatment, as well as vast technical know-how, gained at the sharp end of global manufacturing. And increasingly, we are combining technologies, developing systems and collaborating with customers and distributors to create a positive impact.

We also provide all the expert technical support, service and maintenance customers need. It's a promise of quality that means you can look forward to a product lifetime of efficient and reliable performance.

- Global engineering know-how, world class manufacturing expertise
- The complete compressed air and gas treatment system design
- Custom solutions including product branding for OEM partners
- Expert installation and servicing, worldwide

The background of the entire page is a blurred industrial scene. In the foreground, there are bright, golden-yellow sparks flying from a point of contact, likely a grinding or cutting process. The background shows various mechanical parts, including what appears to be a large metal cylinder or pipe, and some red-painted structural elements. The overall lighting is warm, dominated by the orange and yellow tones of the sparks and machinery.

“The Parker team delivers on all the key issues for us: incredible system efficiency, outstanding reliability and first class technical back-up”

**Operations Director, Germany**

**FOCUSED ON**  
ENERGY  
EFFICIENCY

**FOCUSED ON**  
PRODUCTIVITY  
AND PROFITABILITY

**FOCUSED ON**  
LOWEST COST  
OF OWNERSHIP



# FOCUSED ON WORKING TOGETHER

Our solutions are designed to help customers to focus on their businesses. We have a complete range of products, for every stage in the compressed air and gas treatment process. And because all our solutions are part of the Parker family, everything is designed to integrate perfectly, and work smoothly and efficiently for you.

- World leaders in compressed air and gas treatment
- Three specialist brands, concentrated on technological expertise and innovation
- Focused on meeting customer needs – energy efficiency, lowest cost of ownership, productivity and profitability, service and support.

To find out more about the Parker focus on compressed air and gas treatment, visit

[solutions.parker.com/focusedonCAGT](https://solutions.parker.com/focusedonCAGT)



**Parker** | domnick  
hunter

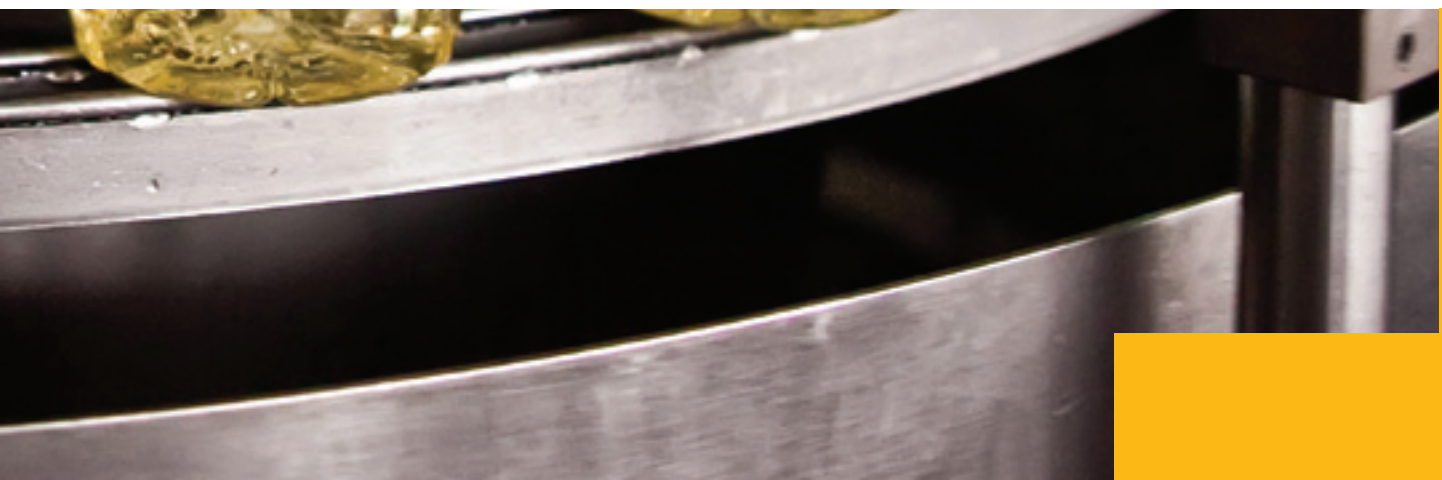
**FOCUSED ON**  
FILTRATION AND  
SEPARATION

**Parker** | Hiross

**FOCUSED ON**  
REFRIGERATION  
AND COOLING

**Parker** | Zander

**FOCUSED ON**  
ADSORPTION



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### US Product Information Centre

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www.parker.com