

# EagleBurgmann®

a member of **EKK** and **FREUDENBERG**

RELY ON EXCELLENCE

## Sealing expertise for industrial and infrastructural plant engineering

Technology, engineering, services – worldwide.



Discover the world of  
EagleBurgmann sealing solutions



# Sealing expertise and project know-how – The building blocks for long-term success

Are you planning to modernize your production equipment, expand a facility or build a large new project? Then a perfect team and a comprehensive planning approach are crucial.

With EagleBurgmann, you will profit from extensive project experience and outstanding technical expertise. We bring innovative approaches and sensible alternatives to customary standard solutions. Our broad portfolio of industrial sealing technology makes custom-tailored, efficient solutions possible.

## Why it pays off to rely on a qualified sealing technology partner right from the start:

### PLANT ENGINEERING SUCCESS FACTOR 1:

#### Technical expertise

High productivity and low costs are only possible if processes and technology are optimally attuned to one another. This is where sealing systems play a key role. They have to be designed to meet operational requirements in order to prevent expensive downtimes and time-consuming reworking. In addition, clever seal management helps you realize savings with regard to your overall operating costs.

### SUCCESS FACTOR 2:

#### Team players with project management skills

Plant engineering projects always follow the same paths, and yet each project has its individual features. Sound technical and planning know-how, great flexibility, and comprehensive end-to-end thinking are indispensable qualifications for success. EagleBurgmann has a specially trained, international team of project managers and technology experts for projects of any size and complexity.

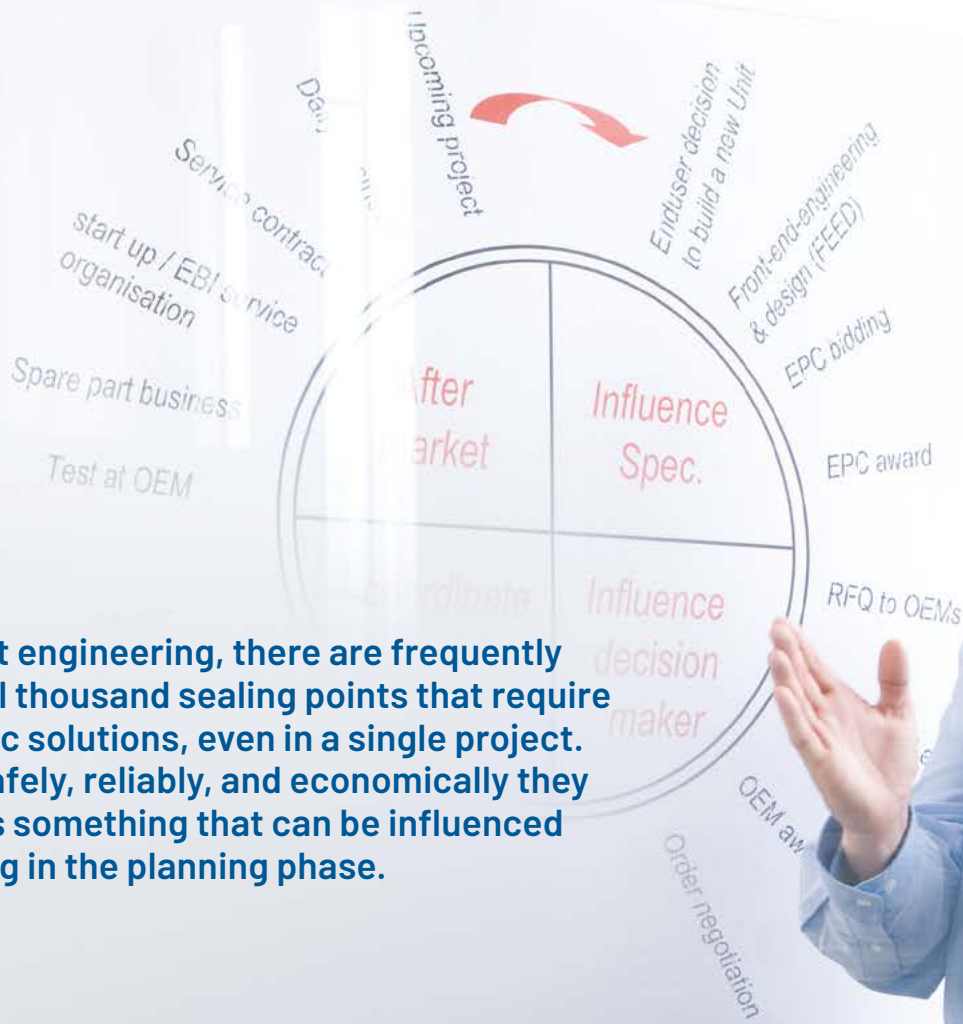
### SUCCESS FACTOR 3:

#### Proximity to the customer

Acting quickly and expertly, delivering reliably – in every project phase and everywhere: EagleBurgmann is at home in all economic regions of the world. We can assist you as necessary with custom and comprehensive services that guarantee smooth, efficient project implementation. We can accompany the subsequent operation with service and training upon request.

**Many years' experience, detailed technical knowledge, and technology leadership make EagleBurgmann the best partner for building reliable, safe, and economical systems that will last.**

**In plant engineering, there are frequently several thousand sealing points that require specific solutions, even in a single project. How safely, reliably, and economically they work is something that can be influenced starting in the planning phase.**



## On time – on budget

### Seal expertise

From standardized seals and engineered solutions to application advising



### Tools & services

From digital solutions, testing/acceptance of equipment, and service agreements to customized on-site services



**RELIABILITY**



BY EAGLEBURGMANN

### Proximity to the customer

Thanks to global presence, comprehensive end-to-end thinking, and a long-term view



### Team player

Fruitful cooperation with reliable partners for projects of every size and complexity worldwide



## The goal: Safety and efficiency



Plant engineering projects are becoming ever more complex – for small, medium for large projects alike. Technical requirements are increasing around the world. At the same time, regulations, standards, and guidelines must be complied with, budgets are tight, and there are great expectations for the flexibility of the later system that must be reconciled.

As a high-performance partner, EagleBurgmann helps operators, engineering offices, EPC companies, and plant and machinery manufactures achieve optimal results and navigate these tensions. For reliable and efficient system operation is only possible with the right sealing concept.

## A strong foundation for your project

Nobody wants to have technical problems during start-up. Early advising on the design of seals can prevent costly delays later on. Added to this is the fact that technical clarification at an early stage makes specific planning move faster.

## We offer everything that counts

### **Economic stability**

As part of the German Freudenberg and the Japanese EKK Group, EagleBurgmann has the economic resources to put your long-term partnership on a solid footing. Thanks to framework agreements, we can assume comprehensive responsibility.

### **Consulting & engineering**

At EagleBurgmann, the basis for optimal seal design is a detailed needs analysis. That's why we provide reliable solutions and identify potential for reliable operation, low costs, and the conservation of valuable resources. From planning to start-up of the system, EagleBurgmann's seal experts will assist you with sound application advising and comprehensive problem-solving skills.

**EagleBurgmann develops solutions for nearly every industrial sector.**

- Oil and gas industry
- Refining technology
- Petrochemical industry
- Chemical industry
- Pharmaceutical industry
- Food and beverage industry
- Power plant technology
- Water-related applications
- Pulp and paper industry
- Marine engineering
- Mining industry



Field engineering, qualification of the system personnel, and stock management provide additional security – during the project and in later operation.

**Full-range product lines**

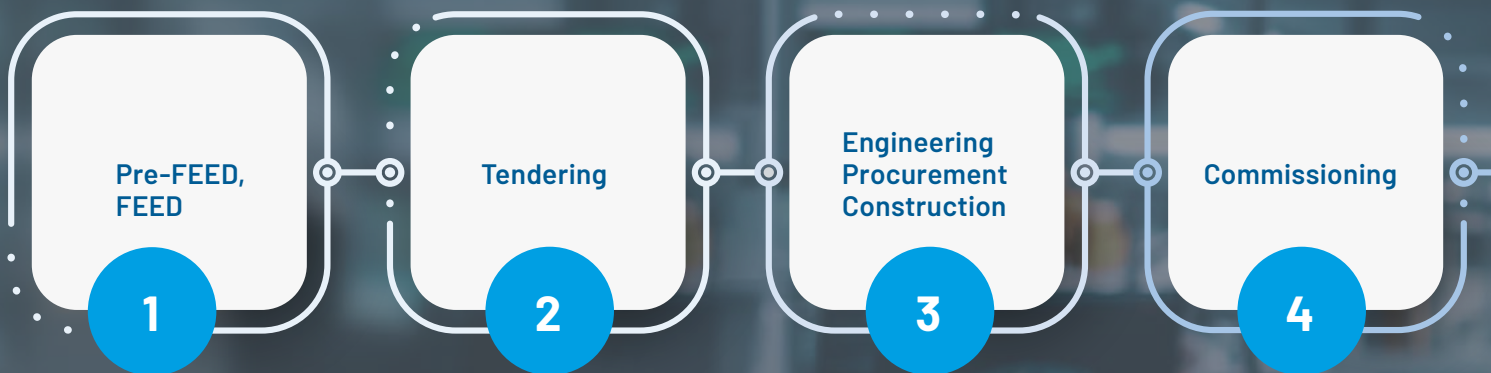
The bandwidth of our industrial sealing technology offerings is unique. With a wide range of largely standardized assemblies, components, and functional add-ons, we can design seals for any customer-specific application. But you can also rely on our expertise when it comes to developing new design solutions.

**Comprehensive service on-site**

In our flexible agreements we guarantee comprehensive on-site service from seal assembly, maintenance work and seamless documentation, to complete solutions, that are for example in line with the relevant clean air programs. Digital solutions for performance analyses and predictive maintenance round out our offerings.

**Training**

Knowledge transfer is one of the keys to smooth system operation. So that the investment is in safe hands, we prepare the plant operator's service and maintenance technicians, masters, and engineers optimally for their future tasks by providing customized training.



## The benefits to you

Organizationally and economically. In all phases.



### Pre-FEED, FEED, Tendering

#### You get...

- An organization that is set up globally but works locally
- A fixed contact person
- First-class technical expertise for application-oriented advising
- Advising about how to optimize your footprint
- Consideration of existing contracts
- Short response times

#### The benefits to you

- Easier technical planning
- Efficient project handling
- Compliance with the required safety and quality standards
- Less work for purchasing and lower processing costs for tenders
- Cost transparency



### Engineering, Procurement, Construction

#### You get...

- An organization that is set up globally but works locally
- A fixed contact person
- Close cooperation with all project partners
- Extensive technical seal know-how
- Products & services from a single source: From seal design to documentation and provision
- Digital tools for smart collaboration
- Sensible amount of seal standardization
- Qualification of your employees before start-up

#### The benefits to you

- Efficient project handling
- Reliable, safe seal technology with high MTBF
- Quick-flexible solutions in case of last-minute changes
- Deadline security
- Less work for spare parts
- Quality assurance



## Operation

5

At EagleBurgmann, we bundle experts with special project skills in an international network. Qualified, experienced specialists around the world are ready to work with you. They are familiar with the structures, processes, and challenges of all kinds and sizes of projects, and they will be happy to support you in all matters to ensure quality in the individual project steps.

4

## Commissioning

### You get...

- Support and inspection by an experienced EagleBurgmann field engineer
- Last-minute service and repair services
- Optimized planning and inventory management for seals

### The benefits to you

- Competence on-site
- Safe functioning of all sealing systems
- Deadline security

5

## Operation

### You get...

- Comprehensive service and repair services, as individual service or as part of custom agreements
- Advising and support from service engineers on-site
- Optimized spare parts management
- Data-based seal monitoring and performance optimization

### The benefits to you

- Continuously high system availability
- Increased productivity and reduced resource consumption thanks to more efficient production processes
- Predictable services and therefore budget security thanks to service agreements

# This is what sets us apart: EagleBurgmann qualities



## International leader

With around 6,000 employees, we are one of the leading international manufacturers of industrial sealing technology. Technologically and qualitatively, EagleBurgmann solutions set standards in the industry and meet the high expectations of sophisticated customers every day.



## Conserving resources

Sustainability management is always part of our work. We always strive to minimize the impact of our production processes. At the same time, we improve the environmental footprint of our customers with our innovative products. Much of what we offer goes beyond the legal requirements.



## Special expertise in a wide range of industries

EagleBurgmann has many years of experience in a wide range of industries. We are familiar with the specific requirements in numerous sectors and process technologies.



## Always close, always fast

With over 60 subsidiaries and 250 locations, EagleBurgmann is at home in all major world markets. Thanks to our global production network, we can supply you reliably at any time. And with our dense network of sales and service centers, we are close to you.



## Driving innovations in seals

Extensive knowledge of sealing technology, machines, materials, and media, as well as industrial processes, is the basis for impressive design solutions. We back up this promise to our customers with our own research centers, along with a global network of testing institutes and partnerships with customers, suppliers, and universities.



## Comprehensive service portfolio

A service package which is tailored to the specific requirements profile is an essential part of an effective seal management strategy. Our modular TotalSealCare service offering gives us the flexibility to meet your individual needs.



**Mechanical seals for pumps**



**Compressor seals**



**Agitator seals**

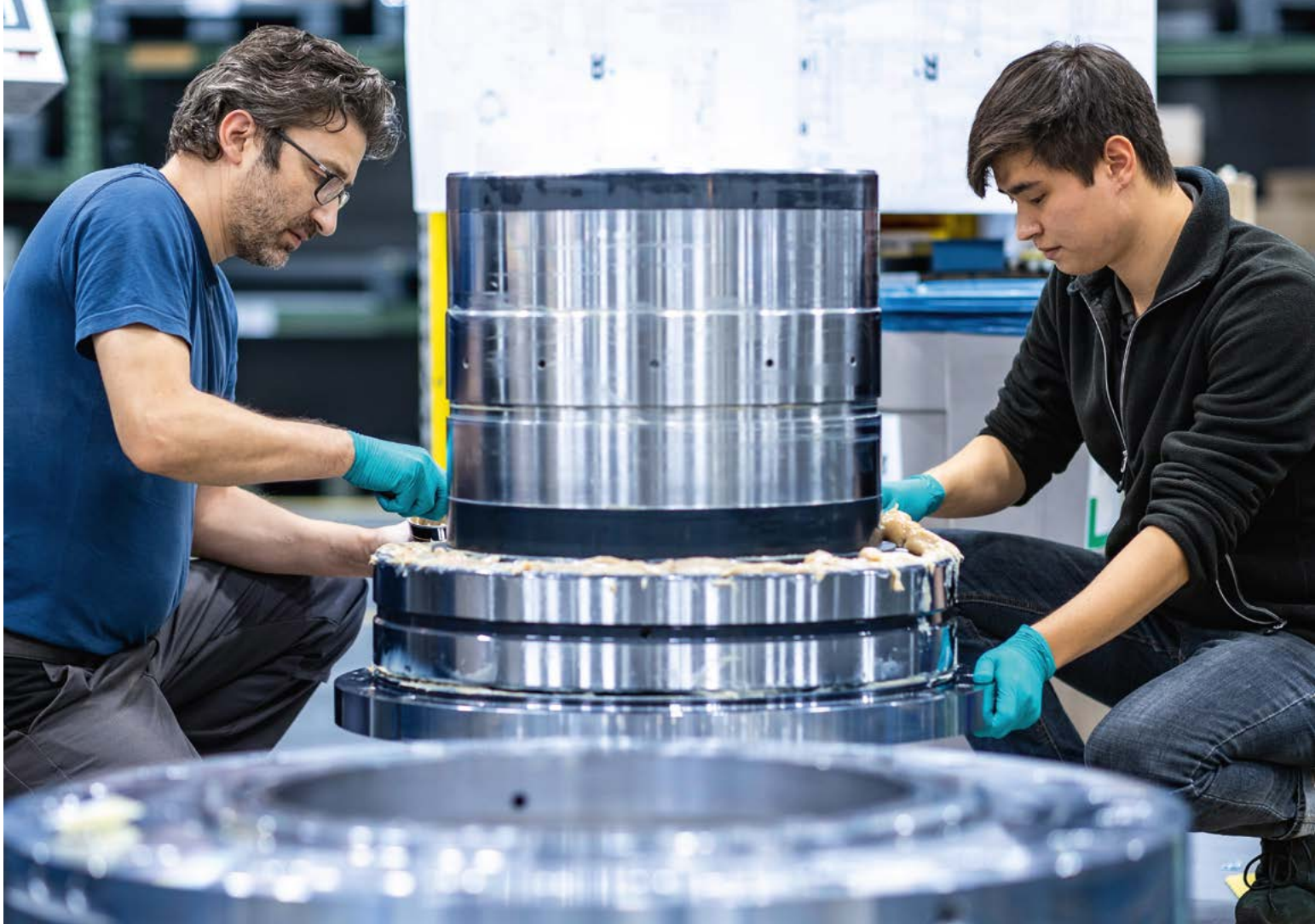


**Magnetic couplings**



**Carbon floating ring seals**





## EagleBurgmann product portfolio



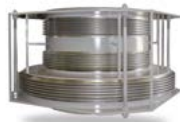
Seal supply systems



Packings



Gaskets



Expansion joints



Rotary kiln sealing systems



Diaphragm couplings

# Selected projects: Thousands of good reasons for including EagleBurgmann in your plans.



## Wastewater management

**Construction of Latin Americas largest sewage plant network, Bogotá, Columbia.**  
Supply of HGH mechanical seals with a shaft diameter of more than 300 mm for several KSB wastewater pumps.



## Food

**Realization of a new machine concept for the production of pasta filata cheese. Peveragno, Italy.**  
Consulting, engineering, and supply SeccoLip lip seals with FDA certificate.



## Pharma

**Modernization of a multi-product and cryogenic plant, Visp, Switzerland .**  
Creation of a standardization concept for more than 40 agitators of different brands as well as consulting, engineering, and supply of mechanical seals and related supply systems.



## Oil & Gas

**Construction of a floating liquefied natural gas processing facility offshore Mozambique.**  
Supply of several dry gas seals and RoTechBoosters for regeneration and mixed refrigerant compressor units.



We're closer than you think.  
Our experts are always nearby and happy to offer their sealing expertise.  
Get in touch:  
[info@eagleburgmann.com](mailto:info@eagleburgmann.com)



## Mining

**Modernization of tailings storage facility with a full-scale paste thickener plant in a phosphate mine, Finland.**

Supply of mechanical seals for centrifugal pumps handling slurry with solids content up to 70%.



## Water management

**Pipeline for transporting river water over a length of 450 km and a difference in altitude of 600 m, Yellow River, China.**

Supply of semi-split high-pressure seals (HGH200S1) with pneumatically activated "Pneumostop" shut-down seals for the vertical centrifugal pumps.



## Desalination

**Construction of a new reverse osmosis plant for seawater desalination, supplying 1.5 million people with drinking and process water, Tel Aviv, Israel.**

Supply of expansion joints as well as mechanical seals for water pumps.



## Refining industry

**Construction of mega-refinery within 21 months with a production capacity of 20 million tons of crude oil. Dalian, China.**

Consulting, engineering, supply of several thousand mechanical seals and supply systems, field engineering and on-site service through local service center.

## EagleBurgmann – at the leading edge of industrial sealing technology

Our products are used wherever safety and reliability count: in the industries of oil & gas, refineries, petrochemicals, chemicals, pharmaceuticals, food, power, water and many more. About 6,000 employees contribute their ideas, solutions and dedication every day to ensure that customers around the globe can rely on our seals. With our modular TotalSealCare Service, we emphasize our strong customer orientation and offer custom-tailored services for every need. [Rely on excellence.](#)

### Wherever you need us

**Europe** • Austria • Belarus • Belgium • Bosnia-Herzegovina • Bulgaria • Cyprus • Czech Republic • Denmark • Estonia • Finland • France • Germany • Great Britain • Greece • Hungary • Ireland • Italy • Latvia • Lithuania • Netherlands • Norway • Poland • Portugal • Romania • Russia • Serbia • Slovak Republic • Slovenia • Spain • Sweden • Switzerland • Turkey • **Middle East** • Bahrain • Israel • Jordan • Kuwait • Lebanon • Oman • Qatar • Saudi Arabia • United Arab Emirates • Yemen • **Africa** • Angola • Botswana • Cameroon • Egypt • Gabon • Ghana • Kenya • Madagascar • Malawi • Mauritius • Mozambique • Namibia • Nigeria • South Africa • Sudan • Tunisia • Uganda • Zambia • Zimbabwe • **Americas** • Argentina • Brazil • Canada • Chile • Colombia • Ecuador • Mexico • Paraguay • Uruguay • United States • Venezuela • **Asia-Pacific** • Australia • Azerbaijan • Bangladesh • China (mainland) • India • Indonesia • Japan • Kazakhstan • Korea • Malaysia • New Zealand • Pakistan • Philippines • Singapore • Sri Lanka • Taiwan • Thailand • Vietnam • [www.eagleburgmann.com/en/international](http://www.eagleburgmann.com/en/international)

[eagleburgmann.com](http://eagleburgmann.com)  
[info@eagleburgmann.com](mailto:info@eagleburgmann.com)