Sealing solutions for plant engineering and construction
Select projects:
Thousands of good reasons for including EagleBurgmann in your plans.

Gas pipeline, USA
- 48 Mechanical seals

Petrochemical plant, Yanbu, Saudi Arabia
- 134 Mechanical seals
- 77 Seal supply systems

Compressor retrofit, Mexico
- 22 Mechanical seals

Gas pipeline, USA
- 48 Mechanical seals

Gas processing plant, Cacimbas, Brazil
- 131 Mechanical seals
- 169 Seal supply systems

• Service agreement
• Local service center

Gas processing plant, Assalouyeh, Middle East
- 1046 Mechanical seals
- 842 Seal supply systems

• Service agreement
• Local service center

Refinery/Petrochemical plant, Sohar, Oman
- 330 Mechanical seals
- 280 Seal supply systems
  - Packings and gaskets
  - Service agreement
  - Local service center
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<th>Seal supply systems</th>
<th>Additional Services</th>
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Sealing technology: Highly relevant in the initial engineering phases.

Optimization and standardisation potential must be fully evaluated during the engineering phase and again during the operational phase to meet user reliability-focused productivity expectations and improve total life cycle cost pressures. The selection, quality and functionality of the sealing solutions and product support services play a significant role in the process.

Seals as functional components

Seals are important functional components. Faults in the sealing systems affect the entire production flow and ultimately lead to time-intensive and costly down time. In addition, professional seal management can deliver significant cost benefits.

Engineering relevance of sealing solutions

On large engineering projects, sealing solutions are required throughout hundreds or thousands of process points in the production line. Decisions made during the engineering phase can have a major influence on seal reliability and cost-effectiveness for grassroots, retrofit, expansion and performance improvement projects.

Cost reduction and on-time delivery during the engineering and procurement phase

By providing expert seal & system design recommendations and identifying opportunities for standardization on the front end of the project, the risk of delays are significantly reduced. In addition, clarifying the engineering issues early on can assist in reducing the time required to procure, design and manufacture the seals & systems. Field engineering, training for the user’s employees and effective inventory management add an additional margin of safety.

Efficiency and reliability during plant operation

The reliability of every individual component has a major impact on availability, operating costs and plant safety. The quality of the seals, having the proper design for the application, the skill and training of plant personnel, and the repair and maintenance strategy, all play a crucial role. Maximum standardization also enhances operational reliability and efficiency. Our 250 sales and service locations give us a local presence around the world. We can provide the support you need to keep your operations running smoothly.
EPC requirements: EagleBurgmann can do it all.

High expectations must be fulfilled when working together with an EPC company. Their partners must offer the right product portfolio, experience and deliver superior quality and service. At the end of the day, it is all about solution expertise. EagleBurgmann fully meets all of the industry's needs in every respect, offering the flexibility that EPC companies expect.

Product and service portfolio

EagleBurgmann is a global player that supplies top-quality products with a full range of services at attractive prices. The company provides solutions for any process, in nearly every industry or application, ranging from simple gaskets and all types of mechanical seals and supply systems to magnetic couplings and expansion joints. All of our products comply with international standards. Our product portfolio includes a complete range of API-compliant sealing systems. Our experienced team can provide seal design support, including an extensive media and applications database.

Warranty

EagleBurgmann project risk protection extends into the operational phase. Individual warranty agreements reduce unavoidable operational risks to a manageable level.

Consulting and engineering

We carry out a detailed analysis of the process application, to provide the optimal sealing system design and solution. Based on this analysis, we identify opportunities to maximize the level of standardization for your sealing systems. This in turn provides opportunities to enhance reliability, reduce costs, and conserve valuable resources. From the initial engineering phase right through to commissioning, EagleBurgmann provides sound application advice and develops specific solutions for each process application.

Service portfolio

EagleBurgmann offers flexible on-site service agreements, which include consulting/engineering, seminars & training, stock management program, complete documentation, technical and seal installation, maintenance and repair programs. In addition, we offer complete solutions to meet regulatory requirements, such as local Clean Air programs. We can also provide a fully equipped service unit on site, including personnel and a parts inventory.

Logistics services

EagleBurgmann also streamlines project logistics. This begins with on-time product availability and delivery to other project partners and can extend to complete inventory management for all of your plant's seals no matter who your other suppliers are. We are also ready to provide all required certifications and documentations.

Training portfolio

Knowledge transfer plays a key role in the problem-free operation of your production assets. To make sure your investment is in safe hands, we offer training for your engineering, operations and maintenance personnel, to ensure they have the skills they need to get peak performance from your equipment.

Solid financial basis

As part of the German Freudenberg and Japanese EKK Group, we have the financial resources to maintain a long-term partnership you can depend on. We are prepared to discuss and include a variety of commercial, technical, and service commitments as part of a global or project frame agreement.

Global player

We maintain uniform quality standards, within our international production facilities throughout Europe, Asia and North and South America. We have the wherewithal to supply large product volumes, for mega projects, at attractive pricing levels. Construction sites around the world are familiar terrain to EagleBurgmann, and there is a team of experts and international partners near you who speak your language.
EPC Competency Network

We have set up an international network to pool our EPC expertise. Highly qualified project managers are ready to support you worldwide. They are thoroughly familiar with the structures, work flows, and challenges on large international projects, and they are more than willing to help you with project management and quality assurance issues at every stage of your project.

Do you have any questions?
If so, please contact:
epc@eagleburgmann.de

and visit our special site:
epc.eagleburgmann.com
EagleBurgmann is an experienced full-service EPC partner, and we deliver the best possible sealing solutions. From our extensive portfolio, we supply high-quality, cost-efficient standard products for virtually any industrial application. If our industry standard product is not suited for your particular application, we will provide an engineered solution tailored to meet your needs.

EagleBurgmann: the sealing specialists

We are one of the world’s leading suppliers of industrial sealing technology. More than 6,000 employees at 60 subsidiaries and 250 sales and service locations meet the expectations of our very sophisticated customers on a daily basis. We continuously set technology and quality standards in the industry.

Engineering for the worldwide EPC industry

The size and complexity of EPC projects worldwide continues to increase. The EPC industry must comply with strict environmental regulations and conserve scarce resources while at the same time delivering the flexibility, efficiency and proven cost saving results their customers expect. To deliver optimal results while balancing these needs, EPCs need the support of a high-capability partner which can provide standard products and tailored engineered solutions from a single source. EagleBurgmann is that partner.

Many global, high-profile companies in the process industry have placed their trust in us. We provide complete sealing technology support, including long-term service agreements.

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.

Industry expertise:
- Oil and Gas
- Refinery
- Petrochemical
- Chemical
- Pharmaceutical
- Energy
- Water / Waste Water
- Pulp and Paper
- Food and Beverage
- Marine
- Aerospace
- Mining

Full-range product portfolio

We offer the best solution from our extensive range of products and services. Besides sealing technology, we also zero in on the management and cost aspects of the project.

Product portfolio:
- Mechanical seals
- Magnetic couplings
- Seal supply systems
- Carbon floating ring seals
- Compression packings
- Gaskets
- Expansion joints
- Special products

Complete API range

EagleBurgmann offers a complete range of API-compliant sealing solutions including mechanical seals and supply systems, as well as a large selection of gaskets and stuffing box packing.

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 TotalSealCare give us the flexibility to meet your individual needs.

TotalSealCare
- Consulting and engineering
- Maintenance and repair
- On-site service
- Inventory management
- Seminars and training
- Engineering analysis and support
- Service agreements
Mechanical seals
- for pumps
- for agitators
- for compressors

Magnetic couplings

Seal supply systems

Carbon floating ring seals

Compression packings

Gaskets

Expansion joints

Special products

TotalSealCare
EagleBurgmann is involved at every phase of industrial projects large and small around the world. We offer a number of benefits to EPCs and users.

Visit also our special site: epc.eagleburgmann.com
4 Startup phase

Organizational advantages:
- Monitoring, inspection, and support provided by dedicated field engineer on site
- On-site service and repair
- Optimal seal inventory planning and management
- Seamless cooperation

Economic benefits:
- Low seal failure rate reduces operational risks
- Functional guarantee for all sealing components
- On-time performance

5 Operational phase

Organizational advantages:
- Ongoing comprehensive on-site service and repair
- Optimized spare parts management
- Service engineers provide on-site advice and support

Economic benefits:
- Optimal seal management ensures high system availability
- Increased process efficiency reduces consumption of energy and raw materials
- Greater production process effectivity boosts productivity
- Warranty and service agreements reduce operational risks
EagleBurgmann is one of the internationally leading companies for industrial sealing technology. Our products are used everywhere where safety and reliability are important: in the oil and gas industry, refining technology, the petrochemical, chemical and pharmaceutical industries, food processing, power, water, mining, pulp & paper, aerospace and many other spheres. Every day, more than 6,000 employees contribute their ideas, solutions and commitment towards ensuring that customers all over the world can rely on our seals. Our modular TotalSealCare service underlines our strong customer orientation and offers tailor-made services for every application.