PERFORMANCE-CRITICAL SOLUTIONS

FOR ROTATING AND RECIPROCATING MACHINERY
Dover Precision Components delivers performance-critical solutions for rotating and reciprocating machinery across the oil & gas, power generation, marine, industrial, chemical and general processing markets.

Our portfolio includes hydrodynamic bearings, active magnetic bearings, system and bearing protection, and reciprocating compressor components – from renowned brands with unrivaled technology and application expertise.
Dover Precision Components provides optimum efficiency, reliability and productivity with a portfolio of custom-engineered products, backed by innovative materials, robust research & development (R&D) and comprehensive aftermarket services.

INDUSTRY-LEADING INNOVATION
In our R&D laboratories, innovative thinking meets best-in-class engineering to create custom solutions for the world’s rotating and reciprocating equipment. Our expert engineers and scientists anticipate the challenges facing our customers and pursue next-generation technologies and materials to advance performance in even the most difficult operating environments.

QUALITY MANUFACTURING
Industry-leading technology requires precision manufacturing to the tightest tolerances. Our products are manufactured to exact specifications by highly skilled machinists operating state-of-the-art equipment.

Procedures such as in-process and first-piece inspections, critical dimension assessments and process control points ensure the highest-quality components. Our global standard is ISO 9001:2015 certification of our quality management systems.

COMMITMENT TO CONTINUOUS IMPROVEMENT
Dover Precision Components pursues the continuous improvement (CI) of systems, processes, products and services to deliver added value to our customers. Our enterprise CI strategy extends across functions to improve end-to-end process flow and deliver a superior customer experience. We seek opportunities to share best practices with customers as well, and to establish solutions and improvements together.

UNCOMPROMISING SAFETY CULTURE
At Dover Precision Components, safety is paramount. Nothing is more important than the safety of our employees and customers. Our proactive approach engages employees in hazard and risk awareness, assessment and mitigation, whether in our manufacturing facilities, service centers, offices, or in the field.

GLOBAL PRESENCE, LOCAL SUPPORT
Facilities in North America, Europe, Asia and the Middle East, supported by a network of technical sales representatives, enable us to take a globally interconnected approach to serving our customers’ operations, while still providing responsive, localized relationships.

BACKED BY THE POWER OF DOVER
Our parent company, Dover, is a diversified global manufacturer with a multibillion-dollar annual revenue. Dover combines global scale with operational agility; its operating companies have an entrepreneurial mindset and a strong ethic of customer focus, reflected in longstanding customer partnerships that redefine what’s possible.
Cook Compression® is your resource for engineered compressor solutions, delivering proven performance in reciprocating compressors around the world. With components, diagnostics, repairs and field services, Cook Compression provides everything you need to optimize efficiency, reliability, compliance and productivity.

Our array of high-quality compressor components includes valves, packing cases, rod rings, piston rings and riders, oil wipers, pistons and rods. In-house engineering teams design each solution to the specific operating conditions, applying sophisticated modeling, computational fluid dynamics, finite element analysis, valve dynamics simulation and advanced materials expertise.

Complete cylinder-end aftermarket services are available at strategically located facilities around the globe. Our experienced technicians provide responsive, reliable service to maximize availability, support meaningful advances in safety and environmental compliance, extend equipment life, and reduce costs. In addition to repairs, reconditioning, replacements and upgrades, Cook Compression provides turnkey compressor project implementation to help you achieve your asset management objectives, while the Cook Mechanical Field Services division provides on-site maintenance, repair and overhaul services for a full range of machinery.

In more than 100 years of service to the gas compression industry, Cook Compression has pioneered technology developments and amassed unequalled expertise. Our proficiency includes not only the machinery, but also the applications encountered in refining, petrochemical, gas gathering and processing, pipeline, air separation, chemical and industrial operations.

THE ORIGINAL RADIUS-DISC VALVE, THE MANLEY® VALVE.
Waukesha Bearings® is the premier designer and manufacturer of hydrodynamic fluid film bearings. Our engineering expertise has earned us a strong reputation for achieving lasting performance when others cannot.

Our engineers apply patented and proprietary design features to custom engineer an optimum bearing solution. Our comprehensive range of oil- and process-lubricated bearings are engineered for low power consumption, low bearing temperatures and the highest reliability and efficiency.

Waukesha Bearings can address the needs of everything from large-frame turbines to small, high-speed turbochargers, from electric submersible pumps to subsea pumping equipment, from compressors to motors to gearboxes. Through ongoing research and development of bearing materials and mechanical designs, we continue to expand bearing capabilities and improve bearing performance.

Our ‘Directed Lubrication’ is an industry standard for journal and thrust bearings, while our Flexure Pivot® tilt pad bearings and ISFD® technology are specially designed to address rotordynamic challenges. Our highly specialized bearings are complemented by compliant sealing systems that reduce leakage gaps for improved operational efficiencies.

With more than 70 years of proven experience, Waukesha Bearings is a world leader in technology, size and application experience for the rotating equipment industry.

Bearings Plus® provides expert repairs, replacements and upgrades for fluid film bearings and seals. We excel in diagnosing problems and following up with custom-designed solutions that return critical turbomachinery to peak performance. We apply specialized bearings, dampers and seals to improve efficiency and service life under individual operating conditions.

Customers turn to our responsive service to improve stability, control vibrations, accommodate changes in operating conditions, mitigate wear and address a myriad of other challenges.

Through ongoing collaboration with end users and OEMs, Bearings Plus has developed a thorough understanding of how bearings and seals impact the reliability and performance of rotating machinery, and we take into consideration their full influence on system rotordynamics.

Our highly trained team designs and manufactures complete bearing assemblies and performs services from rebabbitting to reverse engineering to rotordynamic analysis. We use advanced machining techniques and robust quality assurance systems to achieve the tightest tolerances.

The result is optimized bearings and seals that provide smooth, stable and predictable operation for years of trouble-free service.
Waukesha Magnetic Bearings® leads the industry in custom-engineered magnetic bearing systems for large turbomachinery and other high-performing rotating equipment.

For more than 30 years, we have been at the forefront of active magnetic bearing (AMB) development. We partner with OEMs and end users to ensure that the solutions we provide enhance equipment performance in the field.

Our broad range of magnetic bearing software and hardware configurations addresses the requirements of rotating equipment from 50 kw to 80 MW. Waukesha Magnetic Bearings AMB systems have achieved 99.9% availability without special redundancy provisions, making them the standard for mission-critical applications. Our specialized control systems and sensor technology, unique auxiliary bearings and proprietary canned magnetic bearing designs allow for operation in the most challenging and remote environments – including sour gas and subsea applications.

Third-generation controller technology and the Automated Commissioning function facilitate remote commissioning, monitoring, diagnostics and adjustments, increasing reliability while reducing the need for on-site maintenance and magnetic bearing specialists. In addition, Waukesha Magnetic Bearings systems are backed by superior service and support, including training courses that allow OEMs and end users to take control of maintenance and commissioning.

Continued advances, such as our skid-mounted controller, continue to increase the scalability of magnetic bearings and further reduce the total cost of ownership.
Inpro/Seal® has been delivering innovative sealing solutions and outstanding customer service for more than 40 years. Our technologies increase the reliability of rotating equipment and provide real cost savings by improving the mean time between repair (MTBR).
Since inventing the Bearing Isolator in 1977, Inpro/Seal has remained dedicated to an ongoing investment in innovation. We combine extensive application experience and field testing with a robust development process to create the right solutions for our customers.
Our products offer permanent solutions to many of the costly maintenance problems that disrupt normal production. In addition to the Bearing Isolator, the Inpro/Seal portfolio includes AM Solutions™ complete shaft seals; Smart Shaft Grounding™ for VFD-driven equipment; and the Sentinel® FBS (Floating Brush Seal) for process steam turbines.
We understand the high cost of downtime and take pride in our superior service and streamlined production processes that allow for same- or next-day shipments on most products, even new designs.
Millions of Inpro/Seal products have been installed worldwide on pumps, motors, gearboxes, pillow blocks, mixers, blenders, extruders and other rotating equipment. The Inpro/Seal Bearing Isolator is standard on most IEEE-841 motors and API 610 compliant pumps.
FOR ENGINEERED SOLUTIONS THAT ENHANCE PERFORMANCE AND DELIVER SUPERIOR RELIABILITY, DOVER PRECISION COMPONENTS IS YOUR GLOBAL PARTNER.