



The Power of Fluid Sealing - Defined.

Americas most valued resources demand the most reliable and safest of operations, Power Dynamics is committed to delivering invaluable sealing solutions to both upstream and downstream oil and gas industries. The applications and services we supply come from people who care about excellence by delivering turnkey solutions and customer satisfaction ratings that top the charts.

Power Dynamics proudly specializes in critical applications for the oil, gas and chemical industries. We work closely with product manufacturers and use only high-performance materials that have been validated to meet the unique demands of each industry standards. No matter how arduous your conditions are, we offer top grade products and materials solutions.

Our field service engineers ensure that proper installation process and servicing standards are maintained throughout the life cycle of your product. Our effective solutions save maintenance time and reduce replacement requirements to delivering cost saving solutions.



Power Dynamics, Inc. supplies a wide range of fluid sealing products and services. visit us online at www.powerdynamicsinc.com or email sales@powerdynamicsinc.com to learn more!

Our Products



Power Dynamics offers a large range of products formulated specifically for the oil and gas industry. We work with market leading sealing technology manufacturers to deliver high performance products that perform at the highest level of quality minimizing all types of fluid and gas leaks.

We stock a wide variety of gasket sheet materials in varying thickness allowing us to provide quick turnaround on custom orders.

As a preferred vendor we are able to obtain products at lower cost points and we deliver that savings onto our customers.

Gaskets

- Heat and oxidation resistant
- Anti-swelling
- Fire resistant
- Metal
- Metallic / Semi-metallic
- Molded rubber
- Spiral wound
- Soft heat exchanger
- Teflon
- Expanded Teflon
- Isolation Kits

Ring Joints

- Soft Iron
- Soft Steel
- Oval & Octagonal
- R series
- Hastelloy®
- Other specialty metals

Flexible Graphite (commercial 95%, nuclear 99%)

- Homogeneous
- Wire Inserted
- Tanged Core

Expansion Joints

- Metal (round /rectangular)
- Fabric
- FCC (CatCracker)
- Braided hoses

Packing

- Valve Packing
 - Prepackaged
 - Bulk Packing
 - Individual Packing
- Pump Packing
- Hydraulic Packing

Our Services



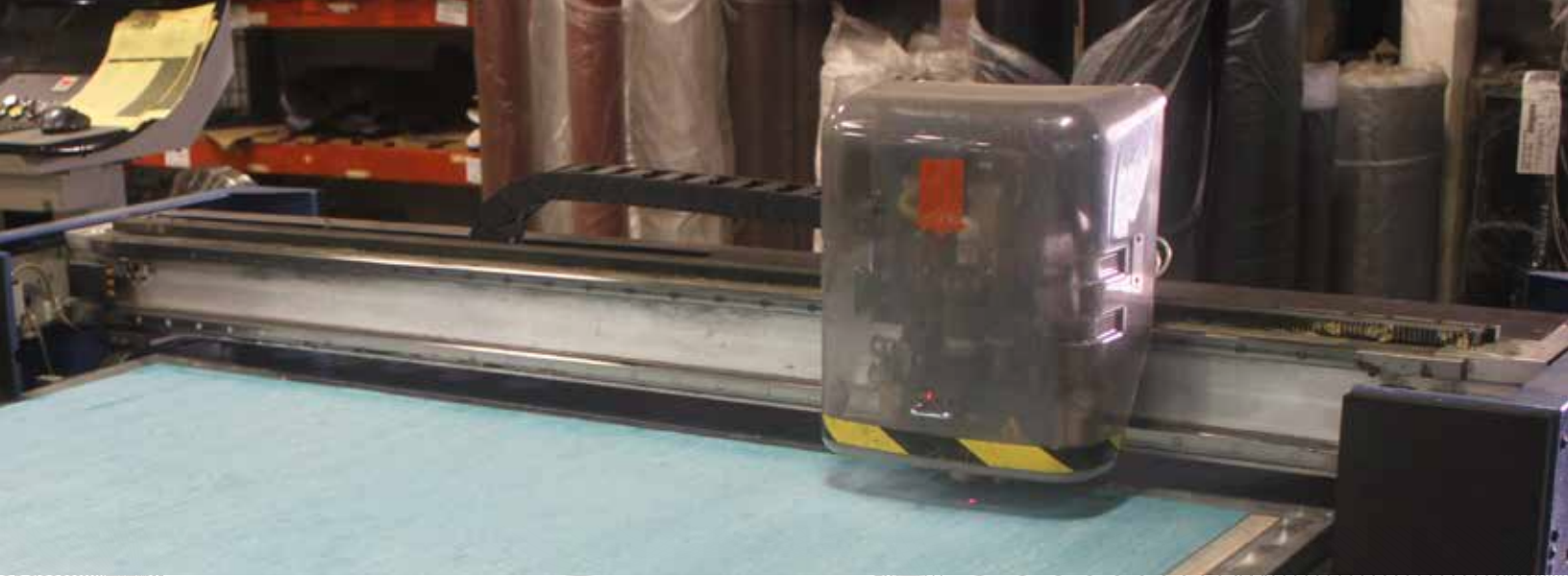
Our manufacturer trained sales team work closely with you to select the best products for each unique application requirement. Our extensive knowledge and access to the finest product lines allows us to make educated choices when accessing the fluid sealing needs for your industry.

Tailor-made for the oil and gas industry. We supply material samples to aid in product development and work with you to explore solutions for your application specifications. Our extensive knowledge in material stability, effects of pressure and temperature variations, chemical resistance, etc., make us a valuable part of your team.

Extended Services

- Factory Sales Representatives and Application Engineers available for problem solving
- Fast responsive customer service support
- In plant surveys of equipment and processes
- Technical literature to provide up to date product enhancements and changes
- On-site troubleshooting during shutdowns
- Cost-saving Inventory Warehouse programs
- Custom fabricating
- On-time delivery

Our Technology



We use the latest technology to ensure we comply with your exact specification and to maintain our competitive edge. Using CAD drawings supplied by your engineers our manufacturing team will evaluate and select the most cost effective method for running your project.

Power Dynamics utilizes only state-of-the-art equipment to ensure the quality and precision of each project. Whether your job requires high volume, 'kiss-cutting' production or varying degrees of hydraulic pressure we will select the best device to ensure the perfect cut.

- Increased Productivity
- Consistency
- Reduced Labor Costs
- Improved Quality
- Efficient Material Usage
- Speed

Die Cut Technology

Flashcut Flex

The Ultimate die-less cutting machine plus projector allows us to project the cutting pattern directly on the material enabling us to get more out of each sheet.

Flashcut

The sophistication of the Atom Flash cut die-less cutting machine means faster production, cost savings, more flexibility, and improved use of automatic nesting & reduce time to market.

Clicker Presses

With a variety of ATOM clicker presses available, we are able to effectively support the versatility of plating, drilling, printing, embossing, total cutting and kiss-cutting a wide range of materials, both natural & synthetic.

Our Method



Once the products, materials, and service requirements are determined and fulfilled and all tolerances have been met, our factory trained operators review each final cut for accuracy and precision before transferring to shipping and receiving for a final verification and review prior to delivery.

Power Dynamics is committed to meeting our customers' expectations and requirements through quality, service, reliability, and continual improvement of all processes.

Quality Commitment

At Power Dynamics we strive to deliver the highest levels of customer satisfaction, we work with ISO 9001:2008 certified manufacturers to ensure all the products we deliver meet extensive operating requirements in such areas as product design and development, production, installation, and servicing.

To ensure you are working at your highest levels of operation we also offer:

- Inventory Management
- Consolidation Programs
- Inventory Warehouse Programs
- Emergency Call out Services
- Onsite Training
- Asset Surveys
- Shut Down Strategies

Our Story

Power Dynamics, Inc. is based in Inver Grove Heights, MN we fabricate and supply fluid sealing products throughout the United States. Since 1971 Power Dynamics has been stocking mechanical seals, braided packing, die-formed rings, and gasketing materials in both sheet and cut form. We use cutting edge technology to ensure all orders comply with your exact specifications. Our extensive industry knowledge aids in our customers success as we work with you to ensure you are getting the right product for your unique industry needs. Our staff is dedicated to providing customer service excellence with expedited order turnaround at an affordable price.



Mechanical Seals



Metal Expansion Joints



Premium Grade
Carbon Fiber



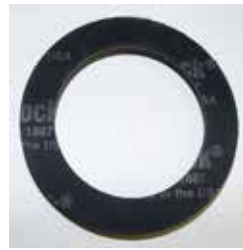
Custom Shape
Gaskets



Valve Packing



Expanded & Virgin
Teflon



Premium Grade
Neoprene



Molded Expansion
Joints



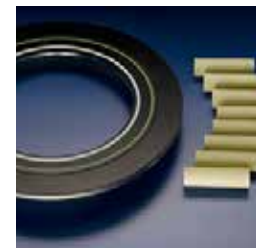
Hydraulic Packing Sets



212 ULD Bulk Packing



Ring Joints



Isolation Kits

Power Dynamics, Inc.
7365 Concord Blvd.
Inver Grove Heights, MN 55076

Tel: 651.454.5504
Toll Free: 1.800.959.3705
Fax: 651.454.5409

Email: sales@powerdynamicsinc.com

www.powerdynamicsinc.com