

# Industry-Leading Experience and Capabilities

With more years of experience than any other name, Parker Hannifin's Global Accumulator Division is the industry leader in accumulator solutions for energy optimization.

We supply the broadest hydro-pneumatic accumulator product line, including pistons, bladders and diaphragms. In fact, the well-known Greer bladder accumulator line is part of today's Parker advantage. As a result, without limitations or bias, we recommend and supply the best engineered solution based on your application.



Quick turnaround and highest quality are assured by Parker's lean manufacturing principles and state-of-the-industry processes.

You can depend on Parker's unmatched strengths in:

- **state-of-the-art technology**
- **lean processes resulting in reduced lead times**
- **the industry's top technicians and professionals**
- **leadership in engineered custom-design work**
- **certification capabilities for today's global demands**

## **Superior technology and lean manufacturing**

Years of lean manufacturing principles allow us to turn your order around quickly and efficiently. We use highly flexible automation, high-precision injection molding machines and robotic machining cells to produce the highest-quality bladder and piston accumulators. Every accumulator is pressure tested to world-class quality standards before it ships to the customer.

## **Leading engineered custom design**

Due to our strong engineering capabilities, you can also look to Parker first for custom-design initiatives and solutions, including:

- **efficient modification of standard designs to your specifications**
- **custom rubber compression molding capabilities**
- **all grades of steel, stainless steel and exotic materials, as well as advanced performance materials**
- **temperature pressure and positioning sensors technology**
- **special mounting, including bank (rack) configurations of multiple accumulators**



The Integrated Accumulator Manifold is one of many Parkers engineered solutions.

**Total assurance, from evaluation to delivery**

As a major industry supplier of all three types of accumulators, we first evaluate your needs and opportunities to increase the performance, efficiency and value of your product. We recommend the ideal solution based on your specific situation and criteria. We then ensure that your accumulators are manufactured with the best-grade materials to the highest industry standards. And we provide the required labeling, specially designed packaging and shipping containers to meet today's critical safety and environmental regulations.



**Expertise in advanced-performance solutions**

For leading-edge performance in your products or systems, today and tomorrow, continually look to Parker for advanced solutions, including:

- **composite accumulators – for valuable weight savings and resistance to corrosion**
- **accumulator systems – multiple accumulator bank/ rack configurations, including manifolds and frames**
- **pulsation and shock dampening devices – reducing noise as well as component wear and leakage**
- **gas struts**
- **integrated accumulator manifolds**
- **high-pressure accumulators**
- **Extreme Seal**
- **reservoir isolation**

**Performing impressively, the world over**

From low-pressure pilot circuits to high-pressure offshore systems, Parker accumulators are essential to

Accumulator composites consist of two or more materials constituting a stiffer, stronger “reinforcement” phase and a shell or “matrix” phase. Parker's epoxy/carbon composite has a tensile strength of about 300,000 psi versus a typical steel design's 85,000 psi.

mobile and industrial equipment. For our superior capabilities, experience and service, major OEMs have made us their supplier of choice.

The wide spectrum of customers we serve includes manufacturers of:

- **construction machinery**
- **transportation vehicles**
- **farm machinery and equipment**
- **oil and gas field machinery**
- **offshore equipment**
- **industrial trucks and tractors**
- **specialized industrial machines**
- **process control valves**
- **power generation equipment**
- **motion simulation systems**

See for yourself why Parker is the trusted supplier to a major share of today's accumulator market. Also count on our worldwide service, distribution and sales network to keep us responsive and accessible to you anywhere, anytime.

Parker accumulator customers have the leading advantage of our:

- **sales and service offices located globally**
- **worldwide distribution network**
- **manufacturing facilities on five continents**
- **emergency delivery with a toll-free call**
- **inPHorm™ sizing and selection software**
- **instant information at [www.parker.com/accumulator](http://www.parker.com/accumulator)**

For the details and assistance you need to put our strengths to work for your operations, contact Parker's Global Accumulator Division.