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aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Industrial Pressure Systems

Dedicated Products and Solutions



Effective Pressure Solutions

Adding service life - subtracting cost

High Carbon Footprint

- **an expensive & ecological issue**
In a circuit, the power demand may often be lower than the flow rate creating system inefficiencies. The consequences of this are high energy costs and a negative impact on the environment.

Uneven pressure spikes

- **damaging components and systems**
Pressure fluctuations and spikes can cause expensive damage to a pump or hydraulic circuit. The result of this is high maintenance costs and poor performance.

Parker accumulators can provide the solutions you need for an efficient and cost effective hydraulic system.

How to Size

Parker Olaer has developed very sophisticated simulation software to optimise accumulator sizing recommendations. The behaviour of accumulators used in applications such as pulsation dampening, thermal expansion and energy storage can be simulated. Our software can be downloaded from our website

www.parker.com/ACDE.

Benefits of reliable pressure

- **Reduction in working costs**
 - Reduces installed electrical power
 - Significant energy savings
- **Extended equipment life**
 - Reduces pulsations
 - Protects against pressure peaks
- **Reduction in maintenance costs**
 - Reduces wear of hydraulic components
 - Requires minimum maintenance of the installation



Bladder Accumulators	EBV Low Pressure	EHV High Pressure	O&G Oil & Gas	MBA Machine Bladder Accumulator
	<ul style="list-style-type: none"> • Carbon <ul style="list-style-type: none"> - up to 575 litres - up to 80 bar • Stainless Steel <ul style="list-style-type: none"> - up to 575 litres - up to 40 bar 	<ul style="list-style-type: none"> • Carbon <ul style="list-style-type: none"> - up to 57 litres - up to 690 bar • Stainless Steel <ul style="list-style-type: none"> - up to 50 litres - up to 120 bar • Broad range of pressure and volume options 	<ul style="list-style-type: none"> • Carbon <ul style="list-style-type: none"> - up to 54 litres - up to 760 bar • Stainless Steel <ul style="list-style-type: none"> - up to 57 litres - up to 760 bar • Broad range of materials & specification 	<ul style="list-style-type: none"> • Carbon or Stainless Steel • up to 57 Litres • up to 2100 bar
	Industrial • Lube Oil Systems • Fuelling Systems	Industrial • Steel Mills • Presses • Test Equipment	WHCP • IWOCS • WOCS Xtrees • BOPs • HPU	Oil & Gas • Industrial • Water Jet Cutting • Test Equipment



SBV2 Silicone	Pulsation Dampers	Attenuators	Diaphragm Accumulators
<ul style="list-style-type: none"> • Carbon and Stainless Steel • up to 2.5 litres • up to 40 bar • No gas permeation 	<ul style="list-style-type: none"> • Stainless Steel • up to 5 Litres • up to 690 bar • Accurate dispersal of pumped products • Reduces pipe work and instrumentation damage 	<ul style="list-style-type: none"> • Carbon Steel • up to 5 Litres • up to 350 bar • 170 to 3000 Hz • Attenuates pressure pulses by at least 20 dB over wide frequency range 	<ul style="list-style-type: none"> • Carbon and Stainless Steel • up to 3.5 Litres • up to 350 bar • Non repairable
Marine Engine Injection Systems	Chemical Injection • Process • Dosing Pump Systems	Industrial • Test Equipment	Mobile • Agricultural • Construction Equipment



Piston Accumulators	EHP Type and A Type Core Piston Series	AP High Performance	ACP Crimped
	EHP Type <ul style="list-style-type: none"> • Carbon & Stainless Steel • up to 800 Litres Carbon • up to 500 Litres St. Steel • up to 3000 bar • Extensive range of pressures & volumes 	A Type <ul style="list-style-type: none"> • Carbon Steel • up to 300 Litres • 250 & 350 bar 	<ul style="list-style-type: none"> • Carbon Steel • up to 300 Litres • 250 & 350 bar • Piston speed up to 8m/s • Designed for use in high performance applications
	Steel Mills • Industrial • Power Gen • Oil & Gas	Industrial • Marine • Automotive • Construction	Injection Moulding • Die Casting
			Mobile and Construction Equipment • Wind Power

Take the next step
- with the right accessories



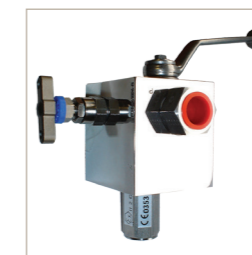
Clamps



Brackets and Mounting Frames



Charging Sets



Safety Blocks



Gas Bottles