



## 1. Shell

Stauff accumulator shells are made from chrome-molybdenum alloy steel (SA372) with forged ends for maximum strength providing a minimum 4 to 1 design factor at normal operating pressures. All sizes comply with ASME material specifications, 1 gallon & larger are supplied with ASME Certifications upon request.

## 2. Bladder

Stauff bladders are manufactured from the most advanced elastomers which are capable of meeting a wide range of systems requirements. Bladders are offered in a variety of compounds to meet a wide range of fluids and operating temperatures. Stauff's standard material is low temperature Buna (LTB).

## 3. Bladder Stems

All bladder accumulators, sizes 1 gallon and larger, are fitted as standard with a two-piece bladder stem and a replaceable gas valve cartridge for ease of serviceability.

## 4. Port Assemblies

Standard oil service ports are made from high-strength alloy steel for maximum durability.

## 5. Fluid Ports

SAE straight thread (standard), NPT and Split Flange Adaptors are available (See page A52). A Bleed Port (plugged) is included as standard on all accumulator sizes 1 gallon and larger.

## 6. Gas Valve

All accumulators are fitted with a gas valve for ease of gas pre-charging. One-gallon and larger units are equipped with a cored gas valve cartridge (ISO-4570-8V1) for ease of maintenance. 5000 PSI units are equipped with a high pressure cored gas valve cartridge (ISO-4570-8V1). For safety, the gas valve vents if unscrewed.

## 7. Top Repairable

The top repairable design permits easy maintenance of the Accumulator Bladder without removing the Accumulator from service, thus minimizing costly downtime.