

HYDAC

INTERNATIONAL

**Weight-Reduced
Hydraulic Accumulators**



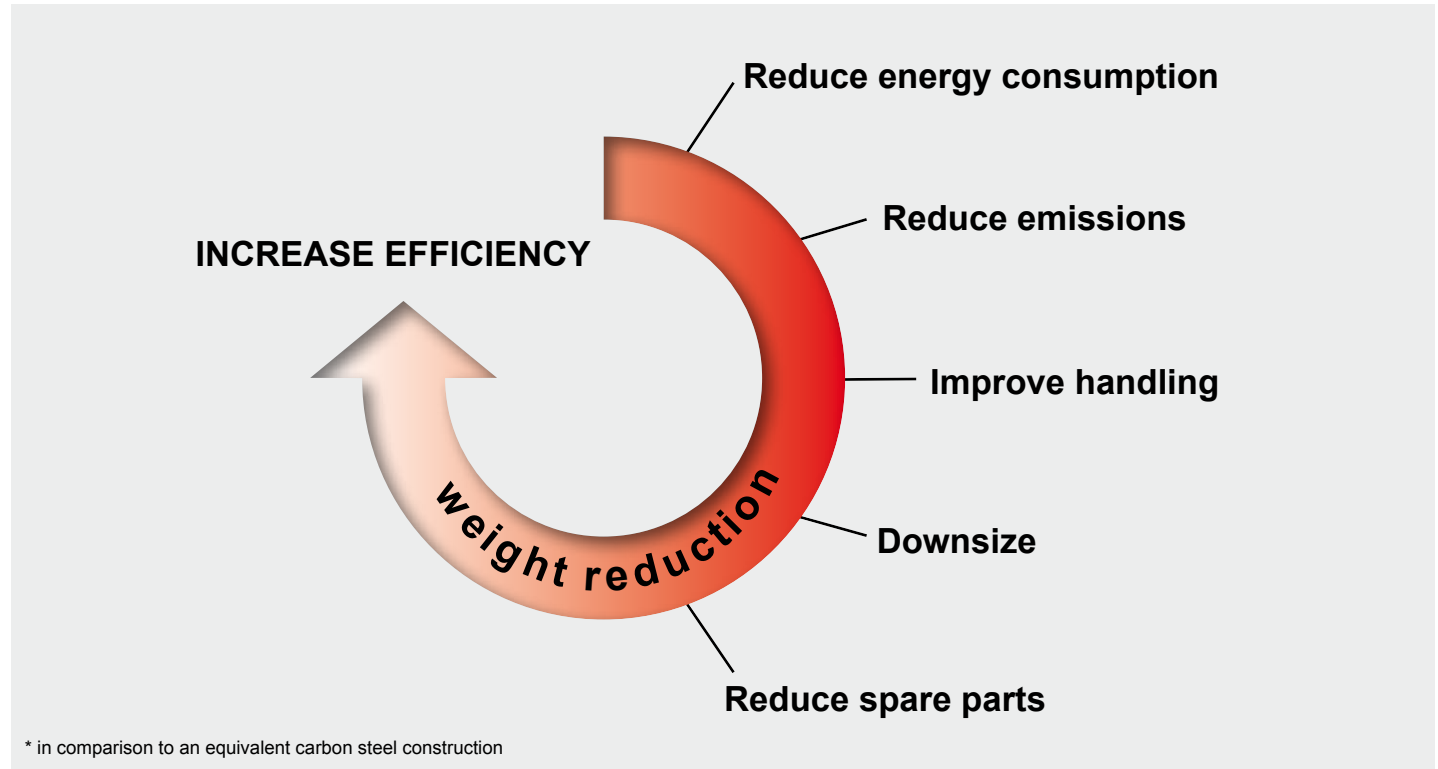
HYDAC Your Reliable Partner for Successful Applications.

HYDAC has been developing, manufacturing and distributing hydraulic accumulators of all types for over 45 years.

In order to meet the demands of a wide variety of industries, HYDAC has also developed reduced-weight accumulators. This product range includes both diaphragm as well as bladder and piston accumulators. They can be manufactured either in a weight-optimized, or a light-weight or ultra-light design.

EFFICIENCY IS BOOSTED BY REDUCING THE WEIGHT!

HYDAC has taken relevant industry requirements on board and, in reducing the weight by more than 80%*, has contributed to boosting efficiency for its customers products.



FROM STANDARD TO ULTRA LIGHT-WEIGHT

The HYDAC product range of weight-reduced hydraulic accumulators is very varied. Below you will find an example of each of the different accumulator types - bladder, piston and diaphragm.

Standard	Weight optimised through use of alternative materials	Light-weight by hoop winding	Ultra light-weight by full winding

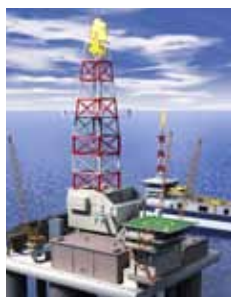
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APPLICATION EXAMPLE: Aircraft industry



Category: Light-weight
 Product: Bladder accumulator
 Accumulator type: SB209L-1 litre
 Application: Energy storage in the hydraulic system of a passenger aeroplane.

ADDITIONAL APPLICATIONS



Advantages for the Offshore industry:

- Improve handling
- Reduce weight of the entire system



Advantages for the wind power industry:

- Improve handling for installation and maintenance



Advantages for the Automotive industry:

- Reduce energy consumption
- Reduce emissions
- Reduce noise
- Reduce spare parts



Advantages in stop-and-go operation, e.g. city bus, garbage trucks or transport vehicles:

- Reduce energy consumption
- Reduce emissions
- Reduce noise
- Reduce spare parts



Advantages for railway vehicles:

- Reduce emissions
- Reduce noise



Catalogue: Accumulator Tech. 30.000



Catalogue: Filter Technology 70.000



Catalogue: Process Technology 77.000



Catalogue: Fluid Services 79.000



Brochure: Compact Hydraulics 5.300



Catalogue: Accessories 61.000

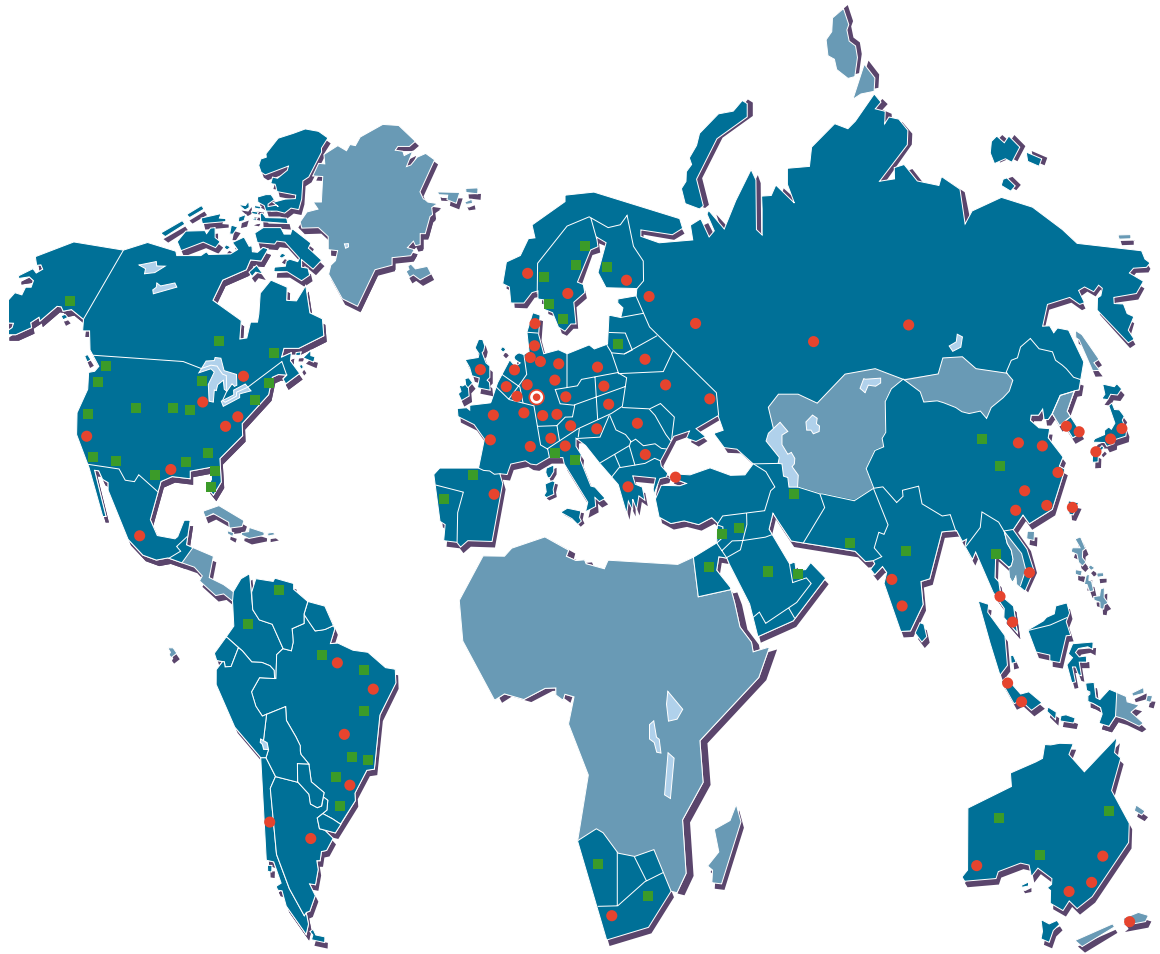





Catalogue: Electronics 180.000



Brochure: Cooling Systems 5.700

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