Advantages and properties:
- Comfortable.

Without gas springs, today's comfort-oriented world would be less comfortable. Gas springs are, among others, used in automotive construction, medical technology, the furniture industry and other industrial applications.

Areas of application:
- INTER-STOP and PITL are ideal for doors and flaps in motor and space design, assembly construction, medical technology, the furniture industry and other industrial applications.

Advantages and properties:
- Optimized weight compensation during lifting, lowering, opening, and closing.
- Breakthrough of space and force standards in the standard product line.
- Gas spring characteristic curve, i.e., force increases even at high forces and loads.
- Linear progression or decreasing spring characteristics.
- Compact design for installation in small spaces.
- Use of high-quality, final-forming extrusions.
- Simple adjustment in the expanded position.

Specific advantages:
- Multiple variable holding into position.
- Function independent of installation orientation.
- Deluxe feel and comfort.
- Greater influence on the damping characteristics.

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The LIFT-O-MAT with dynamic damping is a gas spring whose damping properties are determined primarily through a groove in the piston rod. The oils used as fluids are biodegradable (see DIN EN 10088-1).

The LIFT-O-MAT INOX LINE is a gas spring that is particularly corrosion-resistant in the use of seawater. The LIFT-O-MAT FR FR with decreasing or progressive spring function:
- Special focus on the end position range
- Specific advantages:
  - High corrosion protection.
  - Non-magnetic.
  - Environmentally friendly components.

HYDRO-LIFT is a gas spring that is particularly corrosion-resistant in the use of seawater. The HYDRO-LIFT features a valve in its piston, which in addition to variable damping (see DIN EN 10088-1) can be varied across the entire adjustment range or in one or more partial ranges of the application.

Unlike the specific version, the artificial hydraulic fluid increases still when leaking in the compression direction, thereby stabilizing the system.

Flexible areas of application: back and seat adjustment of recliners, foot panels in hospital and nursing home beds, service flaps, or refrigerator doors.

Special advantage:
- Holds the application without release mechanism.

For full information about STABILUS and our components, service, and flaps, please visit our website at www.stabilus.com.