Gas Springs

Gas springs, today's consumer-oriented world, are characterized by a high degree of comfort and safety. They are used in numerous areas, such as doors, windows, and furniture, to bring elements into different positions. LIFT-O-MAT controls the extension force and damping action depending on the function, ensuring smooth and user-friendly experiences, and increases the value perception of the respective product. Gas springs assist in the area of application, with stop in the compressed position or the piston rod pointing down (extension-damped) or pointing up (compression-damped). The LIFT-O-MAT with hydraulic compression and extension damping is an additional solution for applications where the resilience of the gas spring induces risk. For example, by hand, opens the gas spring mechanically; the valve holds the application without a release mechanism. The LIFT-O-MAT is a gas spring with only one hand. It can be compressed independently of the application, without the need to actuate a lock or release mechanism.

HYDRO-LIFT

The HYDRO-LIFT features a unique unit in its category, in addition to a compression and extension dampening system, even at small forces. The HYDRO-LIFT is used in countless applications, for example, in the medical appliances industry, where the gas spring provides a safe mechanical lock of the piston rod. It can be compressed independently of the application, without the need to actuate a lock or release mechanism.

KOMBI-LIFT

The KOMBI-LIFT is a combination of damping and compressing gas spring, which has an additional compression function. The application includes a second piston, which can be adapted to any force. It is used in numerous applications, for example, in the medical appliances industry, where the gas spring provides a safe mechanical lock of the piston rod. It can be compressed independently of the application, without the need to actuate a lock or release mechanism.

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LIFT-O-MAT Gas Spring | general

The LIFT-O-MAT PTL is a gas spring with an additional mechanical lock to the compression function. Unlike the ball point pen principle, the lock can be released by a key. It is easy to use and in a compact design.

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