The BLOC-O-LIFT gas springs are ideal for adjusting gas springs. They are used in many sectors such as medical equipment, clamping, and furniture, as well as in various industries. Their characteristic features include:

- Special design: a sliding valve with standard support, damping, and infinitely variable locking gas springs. They are used for:
  • Specific advantage: stands, or height-adjustable desk tops, and double-column tables, desks, nightstands, successfully in furniture, especially in single or Bowden cables.
  • Can be operated by hand or foot, via lever in any position. The actuation mechanism depends on the extension force and/or the extension or compression direction. BLOC-O-LIFT T stands out due to its orientation-independent or vertical installation and compression direction; it can be realized in locking gas springs featuring special forms, for example for force transmission without a return stroke.

The STAB-O-SHOC TA20 damper is a high-performance, low-compression damping damper. It is cost-effective and can be used for heavy loads. The damper can be installed without a return stroke, and it is orientation-independent or vertical installation and compression direction; it can be realized in locking gas springs featuring special forms, for example for force transmission without a return stroke. This damper is made possible by special actuation systems and techniques.

In the compression direction, BLOC-O-LIFT can be locked in any direction. Usually, the SBF function of gas springs is used in applications and systems.

Specsification of application are rake adjustment systems in hospital nightstands and in automotive design.

Individual Solutions for Many Applications

With its gas springs and hydraulic vibration dampers, STABILUS is the world market leader with an annual production of more than 120 million units.

For the range of applications for STABILUS products, the STABILUS application consultants and technicians will work out optimized solutions for you and will be glad to fine-tune them.

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