

PRESS INFORMATION

Didacta2010/School Furniture Construction/Fittings/Suppliers

Bringing Child Safety to the Table

Gas spring fittings make handling student furniture easier

Easy adjustment and safe positioning of furniture elements is one of the major benefits of STABILUS gas springs. The company offers two compelling fitting solutions specifically for the variable tilt adjustment of children's and students' desk tops.

Koblenz, December 2009. – Convenience and functionality, safety and quality – these are the principles according to which all STABILUS products are developed and manufactured. That's the reason why gas springs from STABILUS can be found wherever automatic, force-assisted opening at a defined speed and variable positioning with safe holding is required in children's and youth furniture. Modern student furniture that features gas springs from Koblenz will usually score high on safety and convenience. Pleasant damping and effortless operation characterize their adjustment properties; when closing furniture, such as cabinet doors, they will prevent noise and pinched fingers. They are maintenance-free, easy to install and have a long service life. Thanks to their compact dimensions, they can squeeze into the smallest of installation spaces.

Customized for children's hands

Two of the fitting solutions from STABILUS are simply perfect for the hands of children; and they are especially suited for the ergonomic tilt adjustment of students' and children's desk tops: The gas springs from the BLOC-O-LIFT series, and the HYDRO-LIFT gas springs. Both products allow variable, rigidly locking positioning of a desk top at any angle. One of the strengths of the BLOC-O-LIFT is their mechanically actuated stop with its high locking forces. This means: This gas spring will hold a propped-up desk top safely in position, even under heavy loads - for example, when someone is sitting or leaning on it. And it will work both in the tension and compression directions. The desk top will remain in the set position and cannot be pushed down accidentally - placing it into a new position requires actuating a release mechanism first.

The great advantage of the HYDRO-LIFT is its ease of adjustment without release. A desk top equipped with this gas spring can be positioned with a minimum of force, and will remain safely at the selected adjustment angle. Here, positioning is always without locking, and any additional adjustment will not require a release mechanism. Incidentally, within certain limits, the HYDRO-LIFT can also compensate for weight fluctuations – such as those resulting from varying loads (heavy books, etc.) – making it a highly child-appropriate and easy fitting solution.

With its broad line of gas springs and dampers, STABILUS affords new perspectives to designers of school and children's furniture when it comes to optimizing the ergonomic and functional quality of their products. In addition, STABILUS can always provide furniture manufacturers with options for adapting their gas spring solutions to special requirements that go beyond the standard scope.

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Note to editors: Text and pictures are available on the Internet at www.pr-box.de!

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