



Vapsint

The company

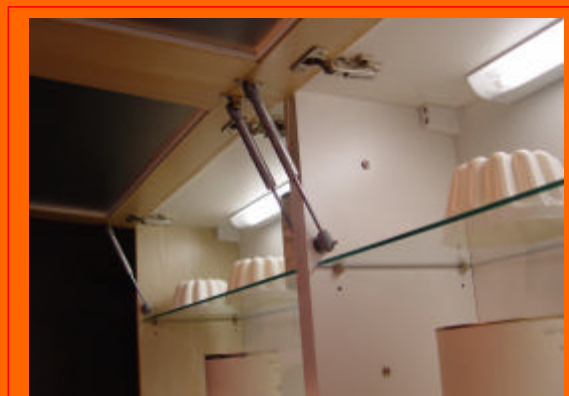
Based in Cordignano (Tv), Vapsint Srl is a metal and mechanical engineering firm. It has concentrated on the production of gas springs since the end of the seventies, using the knowledge and experience gained in the field of car spare parts production. Gas springs are mechanical components that function like a pneumatic spring; they are made up of a stem and cylinder containing pressurised nitrogen and a tiny quantity of hydraulic oil. These springs are generally applied for the opening of doors and gates or as an aid to lift mobile and mechanical parts. They are mainly utilised in the automotive, furniture and mechanical industries. Vapsint was the first to develop for the furniture industry the easy-to-attach gas spring to facilitate assembly, and has always paid great attention to design and functionality, as with FIX-IT, the spring that allows for the quick aligning of cabinet doors.



Vapsint and Progetti per il Mobile

Vapsint would like to stimulate new and innovative ideas for the utilisation of gas springs in the furniture sector, especially the kitchen segment, by showing future generation technicians, designers or architects the qualities of this mechanical component that has been utilised since a long time as a pneumatic engine for the opening of doors and shutters or for the controlled movement of furniture parts, such as grills and surfaces.

That's why Vapsint's proposal focuses on *“the best idea combining the use of gas springs and hydraulic dampers, made by Vapsint, with vertical and horizontal systems for opening, closing and moving doors, hatches, worktops, wall-mounted cupboards and drawers, to make the kitchen easier to use and more ergonomic.”*



In view of the fact that the gas spring is a “pneumatic engine” providing the driving force for the opening of doors, shutters, etc., it is Vapsint’s hope that designers grow aware of its mechanical and functional qualities so as to be able to fully exploit the product’s potential in their creations. All competitors are thus invited to contact the company to obtain a detailed description of the products. Gas springs may be integrated by other mechanisms and levers so as to create complex, ergonomic and aesthetically pleasing opening and fastening systems.

Vapsint sets no limitation to the project as long as it is original. The ideas for the application of gas springs may range from aesthetic to exquisitely functional solutions: types of joints; integration of the springs with the lines of the furniture piece; utilisation of gas springs to enhance ergonomics and functionality of kitchen furniture and accessories (baskets, containers, trolleys, spot lights, etc.).



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