

Hagens Spring Group now offers

# Gas Springs





**HAGENS SPRING GROUP has extended the product programme and is now able to offer gas springs.**

HAGENS SPRING GROUP has been given exclusivity to sell and promote the gas springs in Scandinavia – but also to sell and promote the springs to existing/known customers globally.

**WHAT IS A GAS SPRING?**

A gas spring consists of a steel cylinder containing gas (nitrogen) under pressure and a rod which slides in and out of the cylinder through a sealed guide.

When the gas is compressed by the retraction of the rod, it produces a force in return, acting like a spring. Compared to traditional mechanical springs, the gas spring has an almost flat force curve even for very long strokes. It is therefore used wherever a force is required that is in proportion to the weight to be lifted or moved, or to counter-balance the lifting of movable, heavy equipment.

The force of a gas spring is determined by the pressure that the nitrogen in the cylinder exerts on the section of the rod.

A gas spring is normally supplied with 2 end fittings [one for each end].

In order to receive more information about gas springs, please visit our webpage, where you can download the gas spring catalogue:

[www.hagens.com/media/71382/Industrial-gas-spring.pdf](http://www.hagens.com/media/71382/Industrial-gas-spring.pdf)

as well as the fitting catalogue:

[www.hagens.com/media/71385/Steel-end-fittings-and-brackets.pdf](http://www.hagens.com/media/71385/Steel-end-fittings-and-brackets.pdf)

When you have identified the spring [and volume] you need from the catalogue, please contact your usual sales contact at Hagens for quotation and prices.

Besides the abovementioned gas springs, HAGENS SPRING GROUP's product programme today consists of: Compression springs, die springs, extension springs, torsion springs, pick-up springs, wave springs, disc springs, splitters, rings and several customer-specific products.

Please feel free to send us your enquiry and we will be happy to support you.

Best regards

**HAGENS SPING GROUP**

– Your complete spring supplier.