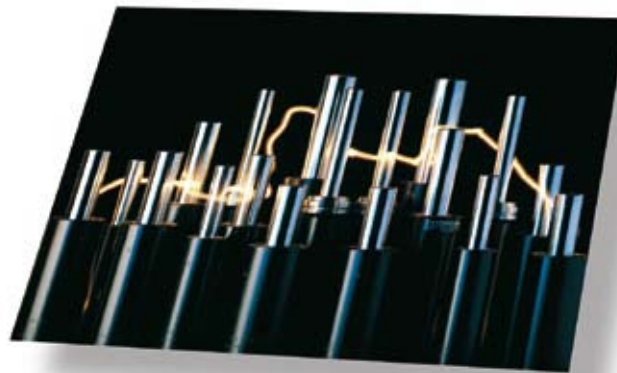


**EXCEPTIONAL GAS SPRING TECHNOLOGY,
- ONE OF SWEDEN'S BEST KEPT SECRETS.**

What specific products do you associate with Milwaukee, Wisconsin or Santa Clara, California? The fact is, hardly anyone today calls to mind, they are the places where Harley Davidson and Intel first saw the light of day. Today these companies' products and their brands, are market leaders in their respective sectors. The brands have left the places far behind them. That is the way things are heading for Tranås in Sweden, where Strömsholmen produces its KALLER brand gas springs.



**EXCEPTIONAL SUCCESS STORY, WITH ROOTS BACK
IN SWEDEN'S INDUSTRIAL REVOLUTION.**

Strömsholmen began its engineering operations in Tranås back in 1876. Its range of products and services has developed quite a bit over the past 125 years. Ever since it introduced the KALLER® gas spring in 1983, production has been focused on gas spring technology. It was not long before the tool & die industry realised just how useful gas springs are, which soon led to a demand Worldwide. Since then, Strömsholmen, the market leader in this field, has been working in close co-operation with its customers in the development and introduction of new and advanced products.

EXCEPTIONAL PRODUCTS: LITERALLY A STROKE OF GENIUS.

Gas springs make use of the simple fact that gas pressure creates a force that is proportional to the surface area on which it makes contact. This means, the piston rod in the gas spring is used as a spring element. A gas spring will also generate a much greater force and longer stroke than an equivalent mechanical spring

ACKNOWLEDGED WORLD LEADER IN PRESS TOOL APPLICATIONS.

It was the automotive industry that first saw the advantages of using gas springs in press tools. Today, Strömsholmen meets the majority of global demand for gas springs in applications of this type. The products and dimensions that the company has developed have become corporate standards for most of the



What is more, in many cases Life Cycle Costs are considerably lower than those for conventional springs. Since the Nitrogen gas pressure can be easily checked and regulated, in many respects, gas springs are far superior to other types of spring.

automobile manufactures in the industry; General Motors, Ford, Volvo Car Corporation, Mercedes-Benz and Toyota, to name but a few. That is not all, International standards organisations like ISO, NAAMS, VDI and CNOMO have adopted Strömsholmen's dimension standards as their own. Working in close co-operation with the automotive industry, research institutes and technical colleges, Strömsholmen continues to develop the products of tomorrow on an ongoing basis. In this way, Strömsholmen actively contributes in-depth product know-how, creativity and new approaches to the operations of its customers on a global basis.

**EXCEPTIONAL HIGHLY-AUTOMATED
PRODUCTION UNRIVALLED IN ITS MARKET SECTOR.**

Strömsholmen has continuously invested in state-of-the-art production technologies. The company's machining & manufacturing resources are its customers' guarantee of consistent high quality, at the same time providing excellent working conditions for its employees. Continuing improvements in quality

**EXCEPTIONAL QUALITY, KALLER®'S ULTIMATE
GUARANTEE.**

Strömsholmen has established itself an international reputation for the very high quality of its products. The company was the first in its sector to be granted ISO 9001 certification as far back as 1994. All types of gas springs in production are life cycle tested on a regular basis. All of them must be able to withstand a minimum



and productivity are a result of a close co-operation between Strömsholmen and machinery & tool manufacturers.

of one million cycles. Naturally, Strömsholmen products meet all relevant safety requirements.

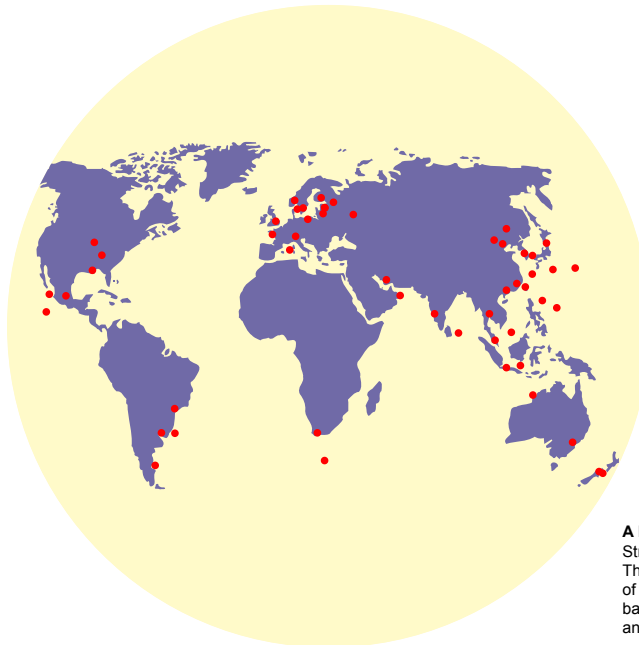


EXCEPTIONALLY INNOVATIVE PRODUCT DEVELOPMENT.

The advantages gas springs offer has resulted in their use in more and more applications. They are particularly effective in situations where high force and/or compact dimensions are required. This explains why KALLER® gas springs can be found in such a wide variety of applications, ranging from industrial robots to dump trucks and waste compressors.

EXCEPTIONAL REPRESENTATION WORLDWIDE.

Strömsholmen is well represented across every continent. The company's distributors and dealers stock the full range, and in this way guarantee just in time deliveries and on-the-spot service.



A MEMBER OF THE BARNES GROUP INC.
Strömsholmen AB is a member of the Barnes Group. The Group has over 8000 employees and a turnover of USD 1.1 billion. Strong international resources thus back the company. A further guarantee for its customers and an added strength for itself.