

Hydraulics Industry





Highest quality springs for the Hydraulic industry

When precision control and strength is required, commonly demanded by applications across heavy construction machinery and advanced industries, hydraulics are often the solution.

Hydraulics transform energy through fluids under pressure, transmitting a force through a closed circuit of valves, hoses, pumps, motors and cylinders.

A pump transforms mechanical energy, from a motor, to hydraulic energy by creating flow and pressure in the system. The energy in the fluid is then used by the hydraulic motor and cylinder, converting the hydraulic energy back to the mechanical application.

The key advantage of a hydraulic system is the ability to perform, with enormous workloads, in comparison to the applications physical size –

whilst maintaining precision control. Extended valve solutions deliver precision control.

Our hydraulic springs are used by leaders in the field across all heavy industries, including construction, production machinery such as pressing and forming of materials and the heavy transport industry in steering and braking systems. Our years of experience delivers extensive expertise. We're here to deliver your hydraulic solutions.





Hydraulic valves

Examples of hydraulic valves:



Pressure control valves



Flow control valves



Directional control valves

Hydraulic Motors vane type uses springs

Hydraulic motors piston swash-plate and bent axis can use both wave springs and compression springs.

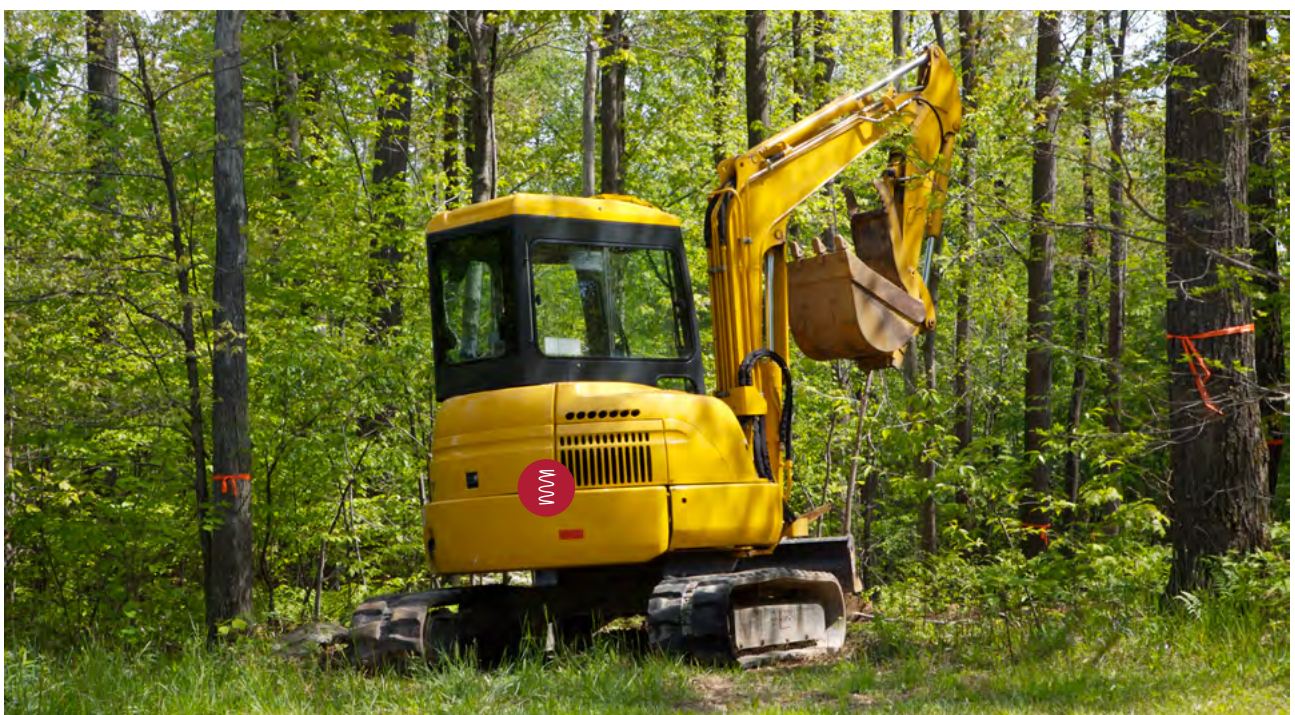




Hydraulic pumps

In some of the hydraulic pumps like the reciprocating piston and plunger pumps, the need for high quality springs with special requirements is often needed, in

the valves inlet and outlets. Our expert engineers can support you by calculating the optimal material grade and associated spring design.





Lesjöfors manufactures and supplies the hydraulic industry with state of the art designed technical springs in all sizes and volumes.

For this purpose, we have several production plants around the world with the expertise and

equipment for your project.

Regardless of the quantity and application, we offer innovative solutions for manufacturing, cleanliness requirements , traceability , packaging and support.



Contact the Hydraulic Group at Lesjöfors:
hydraulicgroup@lesjoforsab.com

Look to the future with Lesjöfors.

Who are we?

Committed to excellence, reliability and customer service, we are dedicated to delivering sustainable solutions with our world-leading products.

Delivering impact to every industry, you can rely on our local network of expert component part manufacturers, on our teams' problem-solving abilities and on our flexibility to extend your capabilities.

Why choose us?

Market-leaders in spring and pressing manufacture, we deliver solutions that help you optimise your performance and success.

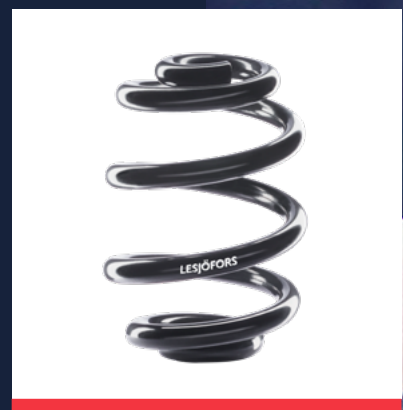
With a 170 year spring manufacturing legacy, we provide the greatest expertise in state-of-the-art production facilities in springs, pressings, gas springs and metal belt manufacturing.

Did you know that in addition to our custom-made product solutions, we have over 12,000 standard stock items available for immediate purchase?

Sustainability in mind

Our ambition is to be the most sustainable spring and pressing company in the world. We know manufacturing has a major impact on our environment and this is why we are striving towards a more sustainable future and why we have committed to science based targets in line with the Paris Agreement.

Welcome to Lesjöfors.





Looking for a Spring, Pressing or Gas Spring?

We deliver engineering excellence with a quality, personal service guaranteeing Lesjöfors as your trusted world-wide partner for all spring and pressing solutions.



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