

## Press release

GASTECH 2018

### **The best of both worlds – Sauer Compressors introduces oil-free high-pressure compressor**

**Kiel, Germany, June 2018. The new HAUG.Sirius HP 450 is the first compressor to combine the high-pressure know-how of J.P. Sauer & Sohn and the oil-free expertise of HAUG Sauer Kompressoren AG. The completely dry-running and hermetically gas-tight machines are designed for applications that require absolute process safety and purity. With a final pressure of 450 barg, the compressor offers oil-free compression of virtually any gas.**

With the integration of the former HAUG Kompressoren AG, Sauer Compressors has significantly extended its portfolio to include solutions by the industry's leading expert in oil-free air and gas compression. The HAUG.Sirius HP 450 marks the latest addition to the product range and the first compressor collaboratively developed within the Sauer Compressors Group.

#### **Unrivalled process and gas purity**

Both the crankcase and the compressor stages are completely free of oil. This ensures excellent gas and process purity, making the compressor an ideal choice for sensitive applications such as industrial gases, medical and bio technology as well as the chemical, pharmaceutical and food industries.

#### **Leak-free high-pressure compression**

The HAUG.Sirius HP 450's hermetically gas-tight construction achieves extremely low leak rates of <0.001 mbar l/s and enables 4-stage compression of almost any gas. With an inlet pressure of 5 barg, the compressor delivers a flow rate of 60 Nm<sup>3</sup>/h and a final pressure of 450 barg. Depending on the configuration, the compressor comes with a motor power of 11-30 kW. In addition, the HAUG.Sirius HP 450 is ideally suited for booster applications. Currently, its maximum suction pressure is 10 barg. Additional options with suction pressures up to 30 barg will be available shortly.

The proven magnetic coupling drive – a staple of the HAUG.Sirius line of compressors – adds to the machines' exceptional gas tightness both at standstill and during operation. The sealing element is entirely wear-free. Likewise, all the compressor's components are designed for a particularly long service life.

#### **Cost-effective operation at maximum efficiency**

Even in operations with long standstills, frequent interruptions and cold starts, the HAUG.Sirius HP 450 is highly dependable. The absence of oil serves to significantly lower operating and maintenance costs. Due to its unparalleled process purity, the compressor reduces the need for gas treatment and filtration after compression to a bare minimum. Often it is not required at all, resulting in significant time and cost savings.

**Sauer Compressors** is a medium-sized German group of companies with twelve international subsidiaries. The company was founded more than 130 years ago, and has over 80 years' experience in compressed air and gas technology. Today, it focusses on the development, production and sale of oil-lubricated and oil-free medium- and high-pressure compressors for applications in the naval marine, commercial shipping, general industry and petro industry sectors. Its modern reciprocating compressors for the compression of air and a wide range of gases reach pressures of 20 to 500 barg. It offers customised solutions for individual customers, OEMs and companies that operate on a global stage. With a global network of agents and representatives, Sauer maintains close proximity to its customers. By enhancing its range of compressors with high-quality accessories, engineering services, installation and service concepts, Sauer can offer end-to-end system solutions and compressed air modules, including complete turnkey installations.

For more information, visit [www.sauercompressors.com](http://www.sauercompressors.com).

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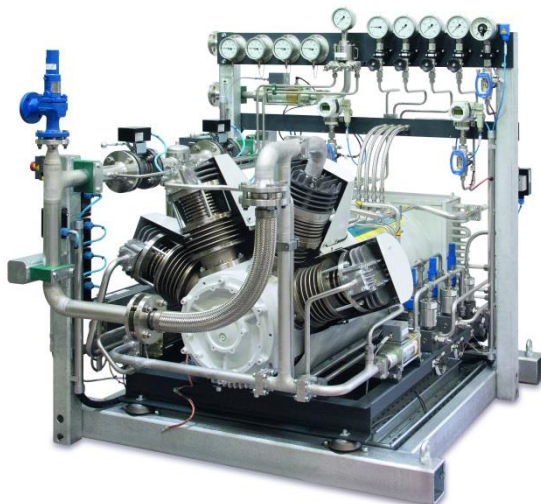
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The HAUG.Sirius HP 450 combines J.P. Sauer & Sohn's extensive know-how in high-pressure applications and HAUG Sauer's oil-free expertise. © Sauer Compressors