

Media Release

Burckhardt Compression secures orders for semiconductor hydrogen application

Winterthur, Switzerland / Shenyang, China, 22. October 2026 – Shenyang Yuanda Compressor Co., Ltd. (SYCC), a subsidiary of Burckhardt Compression, has secured several orders for diaphragm compressor units supporting hydrogen applications in the semiconductor industry. The projects will serve semiconductor manufacturing facilities in Taiwan and Korea through a leading global industrial gas supplier.

The compressor units will boost hydrogen pressure downstream of a purification system, enabling the reliable delivery of ultra-high-purity hydrogen required for advanced semiconductor manufacturing processes.

Hydrogen plays a critical role in semiconductor production. It is used in key manufacturing steps such as epitaxial growth, annealing, deposition and advanced lithography processes, helping chip manufacturers maintain the extremely high levels of purity and precision required for today's semiconductors.

Driven by continued investments in artificial intelligence, data centers, advanced electronics and digital infrastructure, semiconductor manufacturers around the world are expanding production capacity. This growth is increasing demand for ultra-high-purity process gases and the associated compression technologies required throughout the semiconductor value chain.

Leveraging Burckhardt Compression's proven piston and gas-tight diaphragm compressor technologies, SYCC provides robust hydrogen compression solutions, designed to meet the stringent purity, safety and reliability requirements of semiconductor manufacturing facilities.

These orders further strengthen Burckhardt Compression's position in hydrogen compression and provide an entry into a new market for the company, based on its existing technology portfolio.

Further information:

Tina Witteczek, Head of Communications

Tel. +41 52 261 55 38; tina.witteczek@burckhardtcompression.com

Burckhardt Compression

Burckhardt Compression delivers leading compression solutions that enable a sustainable energy future and support the long-term success of its customers. The Group's business is driven by three global megatrends: a growing global population, increasing demand for energy security, and the ongoing energy transition. With its highly engineered reciprocating compressor systems and services, Burckhardt Compression plays a vital role across applications such as hydrogen, gas infrastructure, chemical processing, and industrial gases.

Through its brands Burckhardt Compression, PROGNOST, SAMR Métal Rouge, Shenyang Yuanda Compressor, and Forno Gas, the Group offers a comprehensive portfolio of reciprocating compressor technologies, digital monitoring solutions, and lifecycle services.

Founded in 1844, Burckhardt Compression has continuously evolved alongside its markets, from early engineering innovations to today's advanced compressor solutions. Headquartered in Winterthur, Switzerland, the company operates globally with 35 subsidiaries, as well as three manufacturing and five assembly sites.

SIX Swiss Exchange: BCHN

Further information at www.burckhardtcompression.com, LinkedIn