

News of June 14, 2021

Burckhardt Compression received an order for a diaphragm compressor unit for a new green hydrogen production plant in Switzerland

The Diaphragm Compressor is being manufactured at Burckhardt Compression in Shenyang, China, and will be shipped as a container-installed compression unit to Switzerland. The compressor system is designed for hydrogen mobility applications and capable of discharging hydrogen at a high pressure and high purity, suitable for fuel-cells.

The new 2MW green hydrogen production plant being built by the Swiss company H2 Energy represents an important step towards the development of green hydrogen infrastructure in Switzerland. Using the Diaphragm Compressor system manufactured by Burckhardt Compression, the hydrogen that is processed in a PEM electrolyzer will be filled into Hydrospider swap trailers, 450 bar hydrogen vessels that will supply hydrogen fueling stations across Switzerland. The main end-users of the produced hydrogen are heavy-duty vehicles such as the first 46 Hyundai trucks already operating in Switzerland.

H2 Energy is a fast-growing Swiss company working together with various partner companies towards its vision of reducing CO₂ emissions by using hydrogen as alternative fuel. H2 Energy is pursuing projects to develop the production and distribution of green hydrogen in Switzerland and across Europe.

Further information:

Saskia Rusch, Head of Corporate Communications & Branding

Tel.: +41 52 262 57 81

saskia.rusch@burckhardtcompression.com

About Burckhardt Compression

Burckhardt Compression is the worldwide market leader for reciprocating compressor systems and the only manufacturer and service provider that covers a full range of reciprocating compressor technologies and services. Its customized compressor systems are used in the gas gathering and processing, gas transport and storage, refinery, chemical, petrochemical as well as in the industrial gas and hydrogen mobility and energy sectors. Burckhardt Compression's leading technology, broad portfolio of compressor components and the full range of services help customers around the world to find the optimized solution for their reciprocating compressor systems. Since 1844, its highly skilled workforce has crafted superior solutions and set the benchmark in the gas compression industry.

SIX Swiss Exchange: BCHN

For further information please visit www.burckhardtcompression.com
