

Date: 10.02.2014

Customer: xperion Energy & Environment

Medium: Press release

Head: A Revolution in Gas Transport: New X-STORE container modules for efficient transportation of gas.

Subline: xperion Energy & Environment introduces the new X-STORE High Cube container module – the highest gas transport volume worldwide.

Copy: xperion solidifies its technology and market leadership through the introduction of a new optimised container module. This new High Cube container was developed in cooperation with Wystrach GmbH, the European market leader in gas transport systems. The module is ideally suited for highly efficient transport of compressed gases such as natural gas and hydrogen. This quantum leap in gas capacity was developed based on feedback from the hundreds of X-STOREs already in operation.

The new transport system is based on an ultra-lightweight carbon-composite cylinder with a water volume of 450L. Combined with an optimised container design, it enables the transport of a significantly higher volume of gas. The outcome is a transport system offering the highest efficiency worldwide.

A 40ft. container of the new high cube series, offers a capacity of approximately 48,000 litres. Along with the 40ft. module, the broad range of sizes includes containers from 10ft. to 53ft., thus offering customers maximum selection and flexibility for their gas transportation needs. A key benefit is the customer's ability to use a standard trailer chassis eliminating the risk of customized, expensive alternative solutions.

Higher gas transport volumes lead to significantly reduced operating costs for gas deliveries per truck. This minimizes the number of container modules required and the number of trips, resulting in lower operational costs. Hence xperion provides its customers in the growing market of gas deliveries a commercial edge with each trip.

xperion Energy & Environment GmbH, an AVANCO Group company, is a leading manufacturer of Type 4 high pressure cylinders headquartered in Kassel, Germany. Providing light weight solutions for Automotive, Heavy Duty and Gas Transportation, xperion is a world leader in composite manufacturing. The product portfolio is complimented with additional components such as drive shafts and risers.