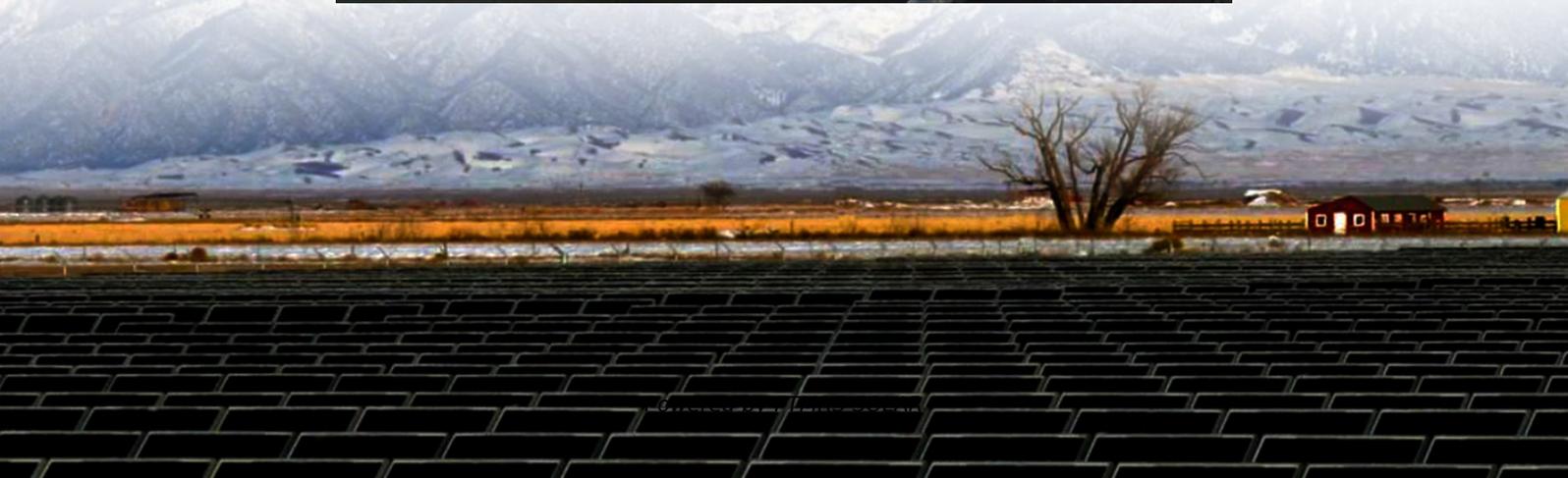


# **High-pressure mobile energy storage container for Amsterdam train station**





## Overview

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DB Cargo BTT, together with Hexagon Purus, Endress+Hauser, Infracore Höchst and Fraunhofer IML, has developed a new solution for the safe and sustainable rail transport of gaseous hydrogen. What equipment is used in a high-pressure gaseous hydrogen station system?

Hydrogen compressors, high-pressure hydrogen storage tanks, and hydrogen refueling machines are the core equipment of the high-pressure gaseous hydrogen station system.

What is gaseous hydrogen storage and transportation technology?

Gaseous hydrogen storage and transportation technology refers to the technology of storing and transporting hydrogen in the gaseous form. The mainstream methods of gaseous hydrogen storage and transportation mainly include hydrogen storage and transportation by high-pressure cylinders and hydrogen transportation by pipelines.

What is high-pressure hydrogen storage?

In high-pressure hydrogen storage, such high-pressure hydrogen storage equipment (i.e., mobile pressure vessels) is usually used for hydrogen storage on mobile carriers, such as long tube trailers, tube bundle trucks, and fuel cell vehicles.

What is the difference between high-pressure cylinder hydrogen storage and transportation?

High-pressure cylinder hydrogen storage and transportation refers to the technology of using high-pressure containers for large-scale storage and transportation of hydrogen, while hydrogen transportation by pipelines refers to the technology of using medium-distance and long-distance hydrogen pipelines to transport hydrogen.



## High-pressure mobile energy storage container for Amsterdam train

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DB Cargo unveils high-pressure hydrogen ...

Jun 12, 2025 · Specifically optimised for use on carrying wagons, the container also features side loading and unloading capabilities. Integrated ...

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### Development of high pressure gaseous hydrogen storage ...

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