

Technology

Howden wins ‘Hydrogen Technology of the Year’ at the Hydrogen Future Awards

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Howden has won ‘Hydrogen Technology of the Year’ in the annual Hydrogen Future Awards.

The awards, hosted this month at Connecting Green Hydrogen MENA 2023, acknowledges the advanced technologies, solutions and digital innovations that organisations have developed to positively impact the hydrogen industry in aspects of production, storage, transportation and application.

As a pioneer in the sector, Howden’s leading technologies support its customers’ sustainability goals by enabling energy systems toward reduced and zero carbon emissions. Compression technologies

are a key component across the hydrogen value chain and Howden's hydrogen reciprocating compressors can be found at the heart of a number of industry-leading projects around the world. These include the world's largest HRS in China; green hydrogen production at Niagara Hydrogen Centre in Canada; the world's first container vessel operating on carbon neutral fuel; and Europe's largest renewable hydrogen plant.

Howden's hydrogen compression solutions are designed with the highest levels of safety and enabled with Howden Uptime to increase the reliability, efficiency and availability of process critical assets.

We are proud that our hydrogen technology and expertise are making a real contribution to our customers' net zero targets. Recognised as a global leader in hydrogen compression solutions, our highly skilled and driven team, along with our trusted product portfolio, are supporting our customers with their energy transition and moves toward a cleaner energy future.

There is no doubt that there are huge opportunities in this industry. We need to focus on innovation in developing advanced technologies to bring increased efficiency, consume less power, and reduce footprint, all of which will minimise the cost of ownership and the levelised cost of hydrogen, which the market requires. We consider every operator experience as unique and for Howden, the technology deployed is just as important as the way it is applied. Of particular importance to us has been the safe and efficient application of technology, enabling us to demonstrate our skills as a market leader in the sector.

Eric Vemer, Howden Executive Director - Renewable Hydrogen and President of Howden's Africa business

Howden recently released an update on its Environmental, Social and Governance (ESG) progress, which includes a 23% reduction in its scope 1 & 2 carbon emissions during 2022. Howden's most significant positive environmental impact comes through its work with customers where the company supports the reduction of emissions through the development and supply of air and gas handling solutions, many of which support the energy transition and the decarbonisation efforts of its customers. More on Howden's renewable hydrogen compression solutions can be found on the [company's website](#).