



## Business Profile



Maximator Hydrogen GmbH is a leading provider and developer of core components for hydrogen technologies. With over 200 highly specialized employees at its headquarters in Nordhausen (Germany), the development team of Maximator Advanced Technology (MAT) in Vienna and the branches in the USA and France, the company bundles the expertise from around 700 hydrogen sector patents. As an independent GmbH since January 1, 2022, Maximator Hydrogen combines technical knowledge in the areas of compression

technology and component construction with sustainable innovations for hydrogen refueling. As part of the Schmidt Kranz Group, founded in 1885, Maximator Hydrogen GmbH offers comprehensive system solutions for the entire value chain of hydrogen technologies: from the development of specialized components, through the production, transport and distribution of hydrogen to customer support for end users.



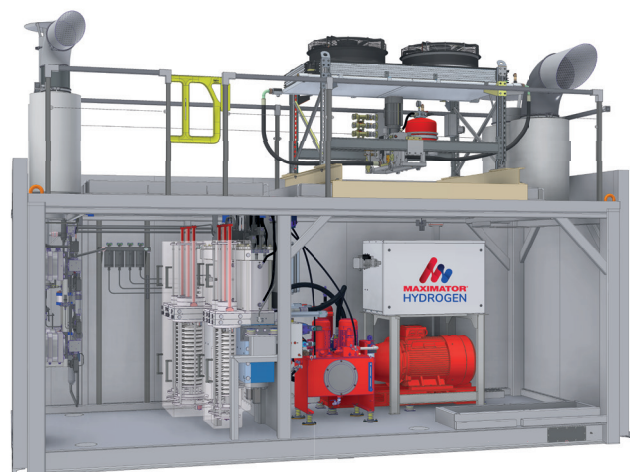
## Development of highly reliable hydrogen refueling stations

As a fast and efficient partner for the planning, construction and operation of hydrogen infrastructure for road, rail and ship traffic, Maximator Hydrogen GmbH has been offering its customers highly-reliable and modern hydrogen filling stations since 2019 – at that time as the Hydrogen Division under the umbrella of Maximator GmbH services and support. To achieve this, the company maintains strong networks with service-station operators and energy companies like AVIA and Coop. In addition, at its headquarters in Nordhausen, Maximator Hydrogen created Germany's largest production facility for hydrogen refueling stations, in which around 200 systems are to be manufactured annually. At an accelerated time-scale, Maximator Hydrogen GmbH could develop a central position in the hydrogen technology market with its innovative technologies and holds the leading European share in plant construction.

## H<sub>2</sub> expertise since 1990

The special hydrogen competence of Maximator Hydrogen GmbH is based on Maximator GmbH's many years of expertise in the development and production of compression technologies for gaseous and liquid energy carriers and fuels.

The Maximator division was already intensively involved with hydrogen technologies in the 1990s and over the decades has accumulated outstanding expertise in compressors and test benches for hydrogen. Together with the technological development team of Maximator Advanced Technology in Vienna, Maximator Hydrogen GmbH is consistently expanding this key technology and focusing on hydrogen operation. In 2017 they developed the first compressor, MAX Compression 1.0, its successor MAX Compression 2.0 was presented at the Hannover Messe in 2022. Both feature the globally patented Automatic Seal Exchange technology (ASX), which automatically replaces the piston seal within 15 seconds.





## Family-owned company focuses on H<sub>2</sub>

Due to the extensive networking within the Schmidt Kranz Group's various business areas, Maximator Hydrogen GmbH implements this competence in specialized and highly demand-oriented overall solutions for hydrogen-based transport infrastructures. In this way, it ensures scalable projects through modular systems and thus a continuous improvement in the assertiveness of hydrogen as a low-emission fuel alternative. As a system solution provider, Maximator Hydrogen GmbH is spearheading the Schmidt Kranz Group for fast, individual and sustainable hydrogen applications.

## Highly specialized H<sub>2</sub> team

Maximator Hydrogen GmbH relies on a highly specialized workforce with extensive expertise in the development and provision of hydrogen technologies. In addition to the technical expertise and the solution and customer-oriented planning, development and implementation processes, the greatest possible openness to partnerships is a central part of the company philosophy. With its high performance, flexibility and speed, Maximator Hydrogen GmbH is a valuable partner for specifically tailored solutions for the infrastructure projects of large international businesses.

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