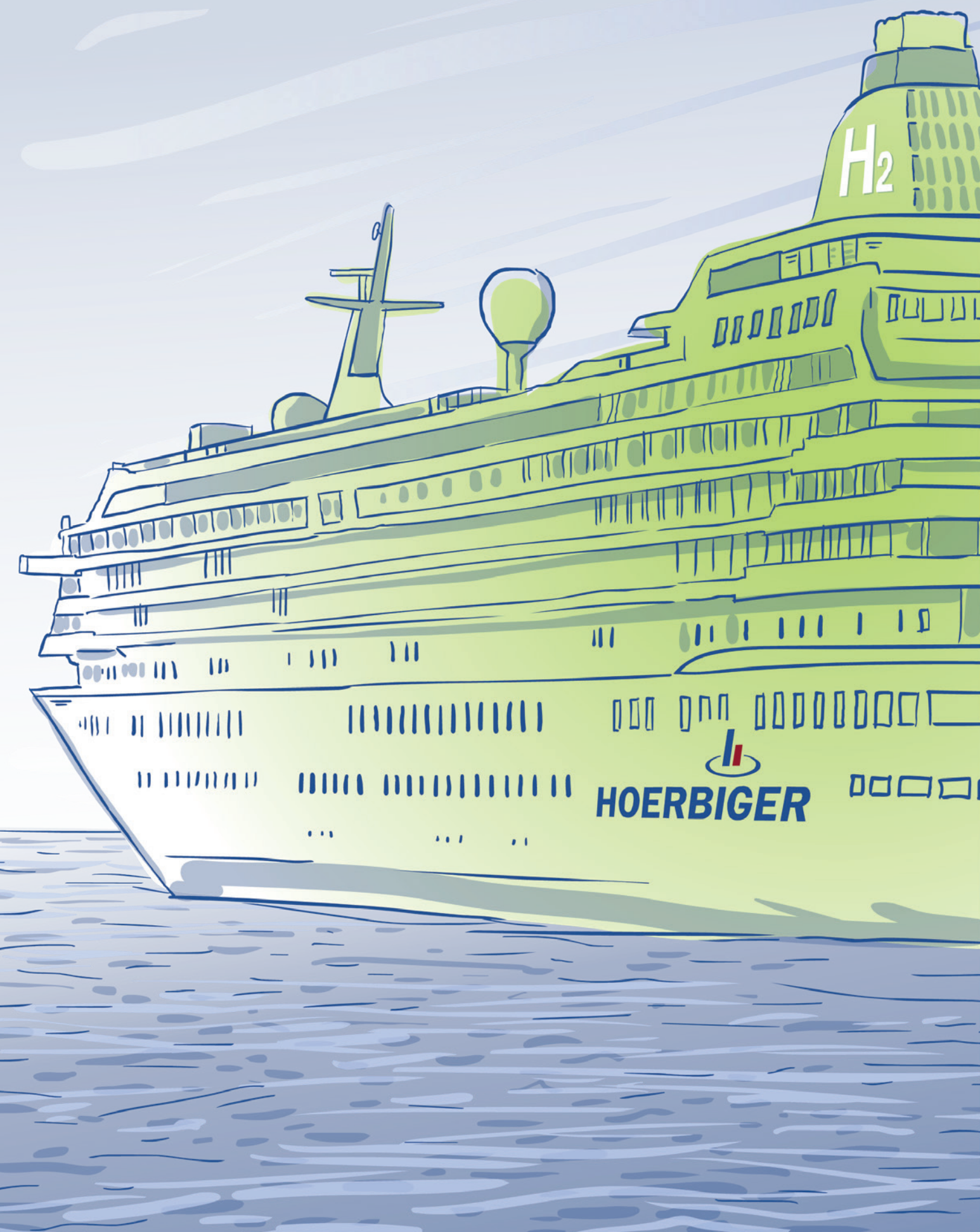


# H2 Solutions

## Marine

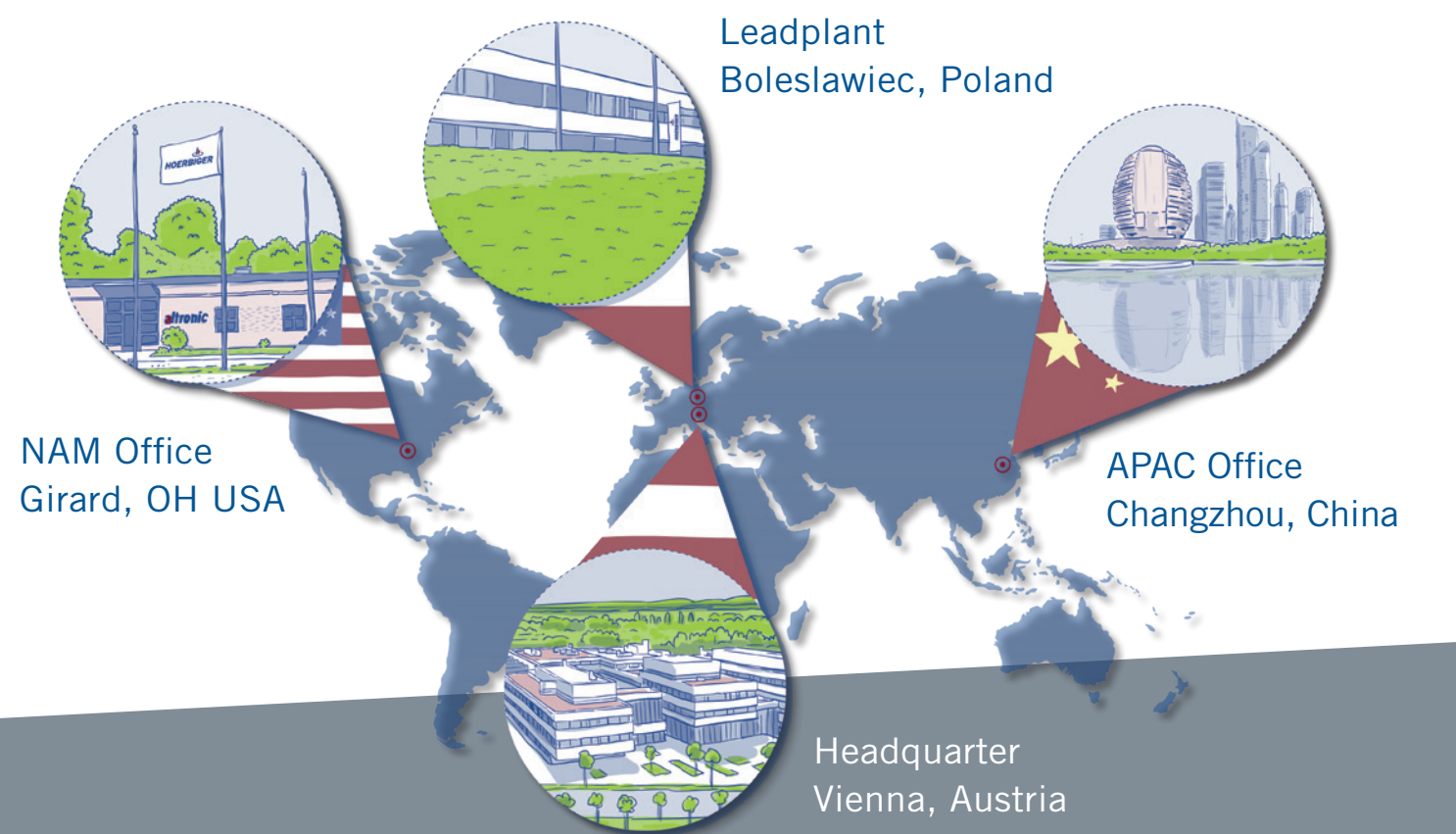


## The Expert for Gaseous Fuel Injection



Since 1895, it has been our ambition to deliver excellence for our customers. Today, as a result of being the expert in performance critical components for gas handling HOERBIGER Engine Technology sets the standard in gaseous fuel injection. HOERBIGER and its nearly 6,000 employees achieve sales of above 1 billion euros with 128 locations in more than 45 countries worldwide.

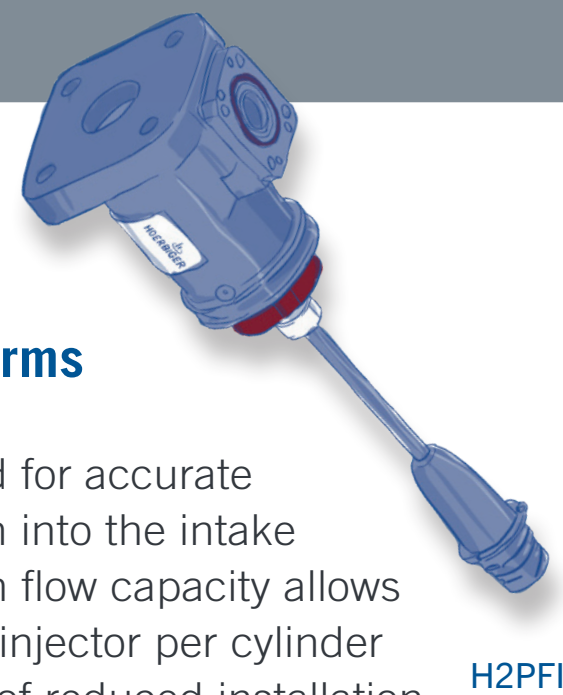
Our headquarter for the injection business is located in Vienna with our automotive leadplant in Poland. Due to our global footprint, we are able to support customers worldwide.



To enable green Marine applications, we offer H2 solutions for port-fuel injection (H2PFI), direct injection (H2DI) and electronic pre-chamber combustion (H2ePCC).

### Our H2PFI platforms

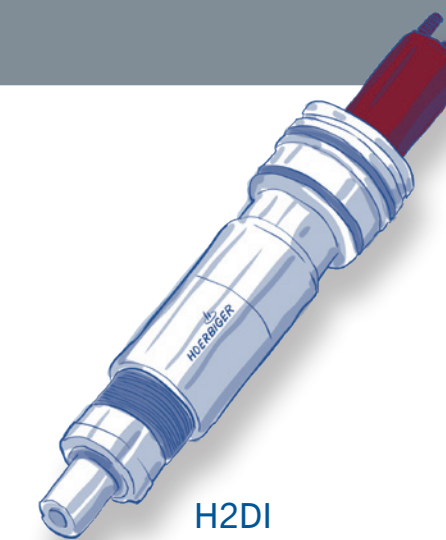
have been designed for accurate hydrogen admission into the intake manifold. Their high flow capacity allows the use of only one injector per cylinder with the advantage of reduced installation space & costs. The H2PFI power range starts at 20kW per cylinder.



H2PFI

### The H2DI platforms

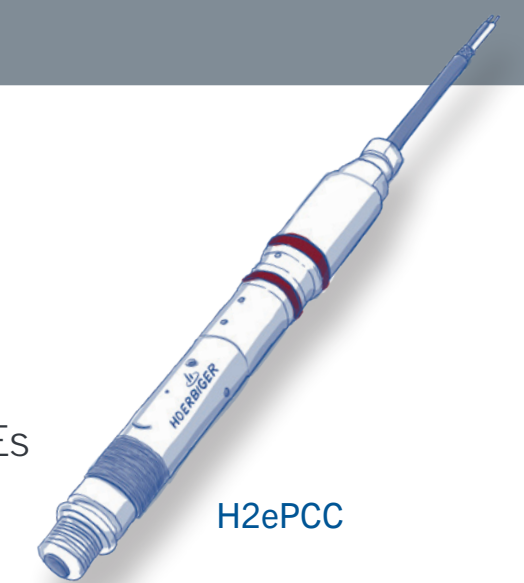
are designed with top and side feed to provide full flexibility for integration. The low differential pressure of max. 30 bar allows max. range compared with max. power output. They are the perfect match to get the most out of your ICE.



H2DI

### The H2ePCC platforms

are the right solution for ICEs utilizing pre-chamber injection. They allow the perfect H2 admission for an ultra-lean combustion and are suitable for large bore engines.



H2ePCC





## Our Success Record

**More than 125 years of experience in gas handling and more than 20 years of experience in H2 injection makes HOERBIGER a reliable partner:**

HOERBIGER is the expert in gaseous fuel admission since 1895. This, in combination with our decades of experience in hydrogen injection, allows us to deliver reliable products as demanded by the Marine market.

Hydrogen is seen as one of the key future fuels for several applications. Considering the Marine requirements regarding fuel flexibility, reliability, and long service lifetime the Internal Combustion Engine fueled with hydrogen is likely to be one of the important green technologies for Marine applications. HOERBIGER offers customized and tailored solutions for our customers enabling this transition right now.

## Our Innovation is your Advantage!

With our pioneering spirit & decades of experience in gaseous fuel injection we support our customers to reduce their CO2 footprint and to be a key-player in the green energy transition through innovation, know-how, customized solutions, and automotive cost & quality standards. Our innovation benefits us, our customers, and the world we live in.

## Benefits at a Glance

**H2 injectors made by HOERBIGER support your mission on the road to become a green vehicle provider through...**

- Injectors specifically designed for marine applications
- Solutions customized to your needs
- Decades of expertise & a proven reference record
- Marine lifetime and reliability standards

## Contact Us

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