

Visit Poppe + Potthoff:

>> Apr. 22-26, 2024, Hydrogen + Fuel Cells EUROPE,
Hannover, Germany

>> Apr. 24-27, 2024, Intermat Auma, Paris, France

>> May 20-23, 2024, Advanced Clean Transportation
Expo, Las Vegas, USA



Werther, Germany, February 07, 2024

PRESS INFORMATION

Modular and intelligent hydrogen supply systems

Poppe + Potthoff presents its TOPAQ hydrogen system at international trade fairs in 2024

Hydrogen is seen as the key to a sustainable energy future. The German company Poppe + Potthoff develops and manufactures safety-relevant H2 components for the growing H2 market. These can be combined modularly in the hydrogen supply system. In 2024, the company will be presenting its innovative TOPAQ system solution at international trade fairs.

Founded in Werther (Germany) in 1928, the specialist for the production of customer-specific precision steel tubes today has 1600 employees and is a global technology leader for media-carrying components, particularly in diesel technology. Poppe + Potthoff has transferred this expertise to H2 applications. Under the TOPAQ brand, P+P offers customers a modular system solution for the safe, reliable and efficient transfer of hydrogen from the tank to the fuel cell or hydrogen combustion engine.

Application-optimised system architectures

Thanks to its modular design, TOPAQ enables application-optimized system architectures - for use in both mobile and industrial applications. TOPAQ serves as an interface between different system landscapes for dual fuel, H2-ICE (DFI, PFI) and fuel cell applications. The advantages of this system solution combine the modular approach of P+P with the special properties of the individual components.

Product and system solutions from a single source

All core components of the TOPAQ hydrogen supply systems are manufactured in-house at P+P. These safety-relevant products include On Tank Valves (OTV), H2 pipework, Parallel Charging Units (PCU), High Pressure Regulation Units (HPRU) and Thermal Pressure Relief Devices (TPRD). Possible areas of use include on- or off-road applications, industrial applications or H2 storage. When used in multi-element gas containers (MEGC), TOPAQ can play an important role in the development of a global H2 infrastructure.

From April on, Poppe + Potthoff will be presenting its TOPAQ system solution at international trade events such as the TUBE in Düsseldorf, Hydrogen + Fuel Cells EUROPE in Hanover, Intermet in Paris, the Advanced Clean Transportation Expo in Las Vegas and Hydrogen Technology North America in Houston.

(2279 characters incl. spaces, 339 words)

Images:



Fig. 1: The Topaz hummingbird, known for its high efficiency, was the inspiration for the new brand name: The TOPAQ system from Poppe + Potthoff enables the safe and efficient flow of hydrogen from the tank to the fuel cell or hydrogen combustion engine. Source: Poppe + Potthoff

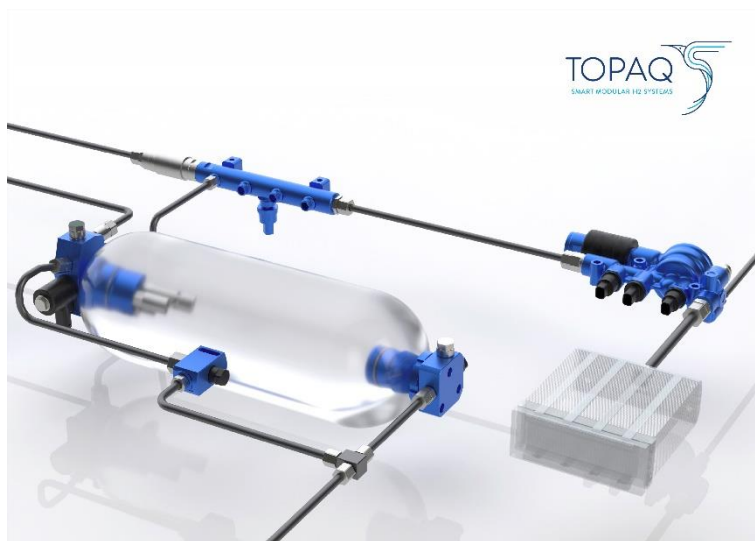


Fig. 2: P+P TOPAQ SYSTEM: Poppe + Potthoff's modular and intelligent TOPAQ system enables the safe and efficient transport of hydrogen within various applications. Source: Poppe + Potthoff

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Poppe + Potthoff

The Poppe + Potthoff Group, with its headquarters and technology center in Werther (Westphalia, Germany), has more than 1,600 employees and long-term partners in over 50 countries. Each location of the metal processing company founded in 1928 has its own area of expertise, all of them focusing on the requirements of each individual customer, for whom they contribute to sustainable and environmentally friendly technologies and drive the digitalization of processes.

Poppe + Potthoff is a partner of globally active companies in various technically demanding industries such as the automotive industry, mechanical engineering, marine and aerospace. The product portfolio includes common rails, precision steel tubes, high-pressure pipes, precision components, precision and industrial couplings and specially developed test systems. With innovative hydrogen supply systems and components for electric vehicles, Poppe + Potthoff is contributing to an emission-free future for mobility and industry. www.poppe-potthoff.com

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