

LOOPER

BUS ON-BOARD FUELING SYSTEMS FOR H₂ + CNG

Need low-to-no emission solutions for your bus or coach fleet? Based on your requirements, we design and produce our **LOOPER** on-board fueling systems using our own type 3 + 4 cylinders and gas-street components.

Sustainable mobility is evolving fast. Whether you need to catch up, keep pace or get ahead, we can help. We create better compressed H₂ and CNG containment solutions for storage, transport, and on-board fueling systems. From refueling stations to storage facilities, from cars to busses and trucks, our type 1-4 cylinders, cylinder systems, and gas-street components help your sustainable mobility program move full speed ahead.



LOOPER delivers range

Worthington has a long history of working with OEM manufacturers and aftermarket retrofitting companies.

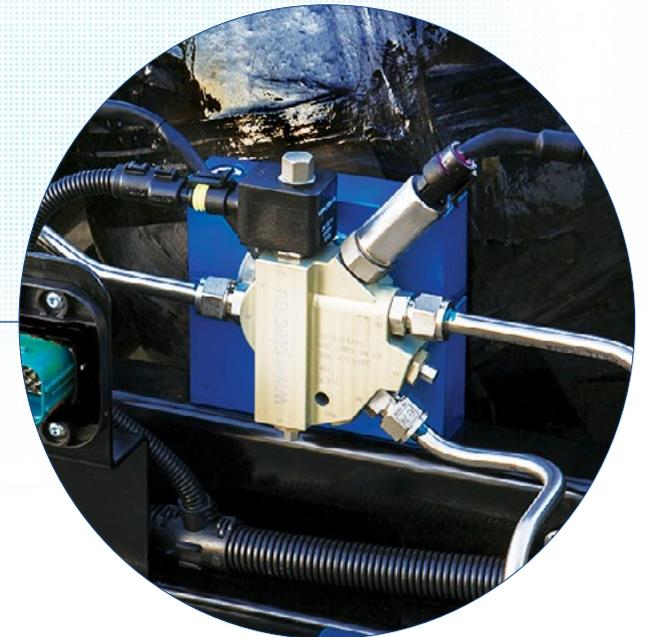
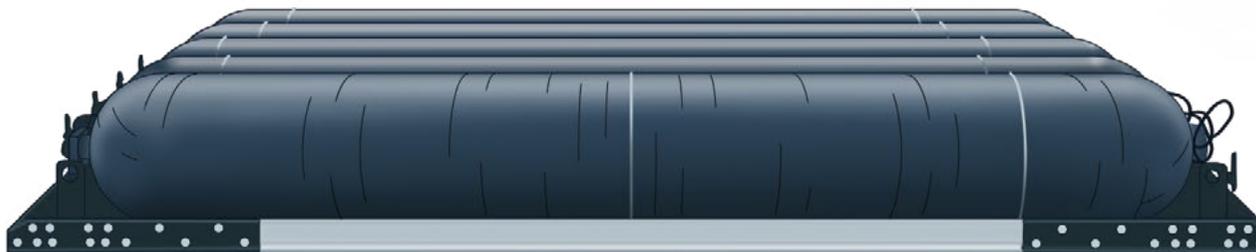
We tailor our **LOOPER** on-board fueling solutions to the performance and range requirements of your city buses and intercity coaches – whether they run on hydrogen or CNG.

You can also integrate our cylinders and gas-hyphen-street components into your own production processes.

Our standard sizes are available in working pressures from 200-700 bar (20-70 MPa) with capacities up to 2272 L water for CNG and Hydrogen applications. **LOOPER** stands up to the toughest conditions.



 Innovation  Compact  Long Range  Fast fill  Durable  Lightweight  Design  Safe



Global Reach

Meticulously developed using Worthington's aerospace-grade standards, our commercial vehicle cylinders serve a vast number CNG and hydrogen applications.

Our global alternative fuels team is dedicated to creating value for fleet operators who are entering the alternative fuels market. We ensure that customers receive fuel systems that are the most efficient, reliable and safe products in the market.

If you want to be best in class, you need best-in-class partners, and that's why we are working with Worthington.

– Theo Hendriks, CEO HyMove B.V.

H2 and CNG vehicles with Worthington on-board fueling systems demonstrate equal to enhanced performance as vehicles running on conventional fuels. Our systems deliver equivalent or greater range. Filling times are no longer than with conventional fuels. And maintenance is as simple if not simpler.

Choose Worthington and you will improve the longevity of your fleet, the experience of drivers, and the sustainability profile of your company.



This Van Hool bus, outfitted with the Worthington Loofer onboard fueling system, has a max tank capacity of 39 kg of hydrogen – enough to cover a full bus route of 400 km.

Worthington Industries in Europe and Worldwide

Europe is home to Worthington Industries' Sustainable Energy Solutions business, which is dedicated to offering on-board fueling systems and services, as well as, gas containment solutions and services for the storage, transport and distribution of industrial gases supporting the growing hydrogen ecosystem and adjacent sustainable energies like compressed natural gas. Worthington incorporates sustainable practices into its long-term business strategy. The Company is the largest designer and manufacturer of pressure vessels in Europe with over 1,300 employees working at facilities in Austria, Poland, Portugal, and Germany. With the lightest composite and steel low- and high-pressure cylinders available, Worthington Europe designs and makes solutions for alternative fuels, industrial gases, and technical gases.

Worthington Industries (NYSE:WOR) is a leading industrial manufacturing company delivering innovative solutions to customers that span many industries including transportation, construction, industrial, agriculture, retail and energy. Worthington is North America's premier value-added steel processor and producer of laser welded products; and a leading global supplier of pressure cylinders and accessories for applications such as fuel storage, water systems, outdoor living, tools and celebrations. The Company's brands, primarily sold in retail stores, include Coleman®, Bernzomatic®, Balloon Time®, Mag Torch®, Well-X-Trol®, General®, Garden-Weasel®, Pactool International® and Hawkeye™. Worthington's WAVE joint venture with Armstrong is the North American leader in innovative ceiling solutions.



MAKERS OF BETTER

Worthington Cylinders GmbH
Beim Flaschenwerk 1
3291 Kienberg bei Gaming
Austria

CONTACT US TODAY TO LEARN MORE:

www.worthingtonindustries.eu
at-worthington@worthingtonindustries.com
+43 7485 606-0

