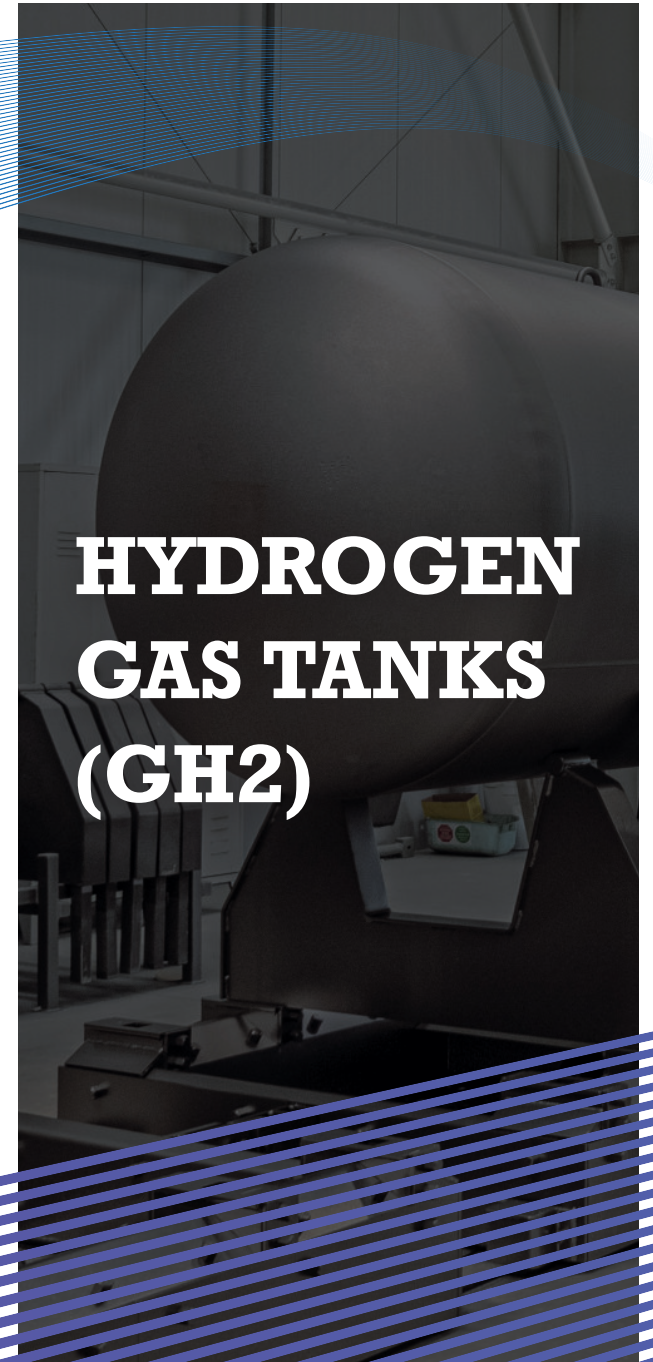




# **HYDROGEN GAS TANKS (GH2)**





The background image is a photograph of an industrial site, likely a gas processing or storage facility. In the foreground and middle ground, there are several large, horizontal, cylindrical storage tanks. Some of these tanks have various pipes, valves, and gauges attached to them. One tank in the foreground has a label that reads "FLÜSSIGGAS-AHLAGE" and features a flame hazard symbol. In the background, there is a large, multi-story building with a series of arched windows and a central tower-like structure. The sky is overcast. The entire image is overlaid with a semi-transparent blue filter and decorative white wavy lines in the corners.

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your reliable partner  
for a sustainable energy  
future.

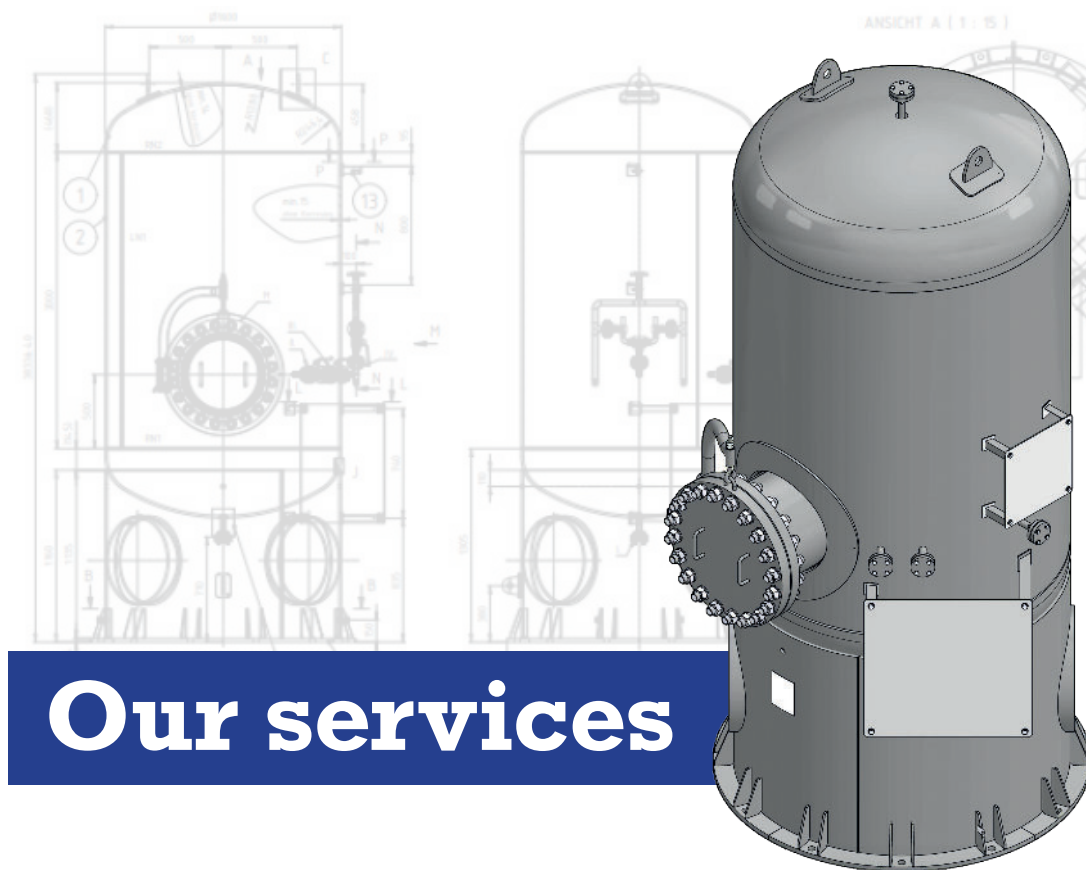




Východočeské plynárenské strojířny, a.s., as a leading European manufacturer of LPG pressure tanks, accepts the challenges of environmental protection and focuses its attention on the production of pressure tanks for energy media produced from renewable sources.

In addition to the successful delivery of rDME tanks, we have already successfully managed the first deliveries of hydrogen gas tanks to the extremely demanding markets of Western Europe.





# Our services

## Consultations

Possibility to discuss and search for the optimal solution according to the customer's requirements

## Proposal

Comprehensive design of the GH2 tank according to the applicable standards (calculation, documentation, approval of the design by a notified person) on the basis of data provided by the customer and in accordance with their individual requirements.

## Production

Production of the tank in our production plant with emphasis on compliance with all the rules of the GH2 tank internal modifications with all the required certifications of the production process.

## Finalisation

As part of the manufacturing process, after the tank is welded, we provide heat treatment to eliminate the possibility of hydrogen corrosion.



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## Shipping

Before shipping, we ensure drying of the tank and reduction of the oxygen concentration to the value according to the customer's individual requirements.

## Documents

All tanks are delivered with a tank passport containing all details according to the applicable standards and regulations.

## Transport

We can transport the tank to the destination according to the customer's individual requirements within the Czech Republic and abroad by our trucks or with the help of our contractual partners.







## Examples of our projects

### **12,5 m<sup>3</sup> horizontal tank Devinn, Czech Republic**

ø 1400 mm, length 9 m, with DN500 manhole for periodic inspection in the bottom of the tank, maximum working pressure 50 bar, working temperature -20/+50°C

### **13 m<sup>3</sup> vertical tank Axpo Power, Switzerland**

ø 1600 mm, height including base 8 m, with DN500 manhole for periodic inspection in the tank shell, maximum working pressure 35 bar, working temperature -20/+50°C

### **5 m<sup>3</sup> Honda vertical tank R&D Europe, Germany**

ø 1600 mm, height including base 4 m, with DN500 manhole for periodic inspection in the tank shell, maximum working pressure 35 bar, working temperature -20/+50°C



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## Východočeské plynárenské strojířny, a.s.

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Spisová značka B 1017 vedená u  
Krajského soudu v Hradci Králové

### Inquiries

Contact forms  
[www.vpsr.cz/kontakty](http://www.vpsr.cz/kontakty)

e-mail: [sales@vpsr.cz](mailto:sales@vpsr.cz)

### General questions

e-mail: [vpsr@vpsr.cz](mailto:vpsr@vpsr.cz)



We have partners all over Europe



We participate in European programmes



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