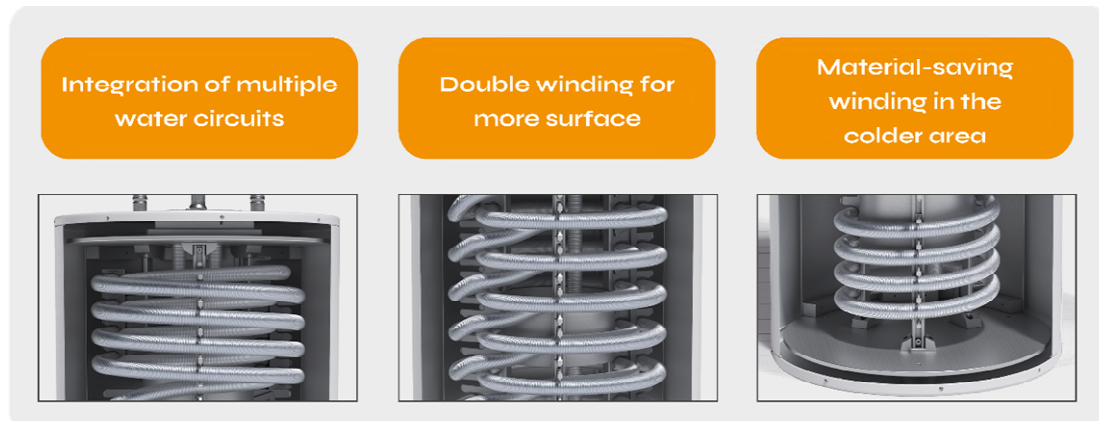


Witzenmann presents optimized coiling concept for heat exchangers

Maximum efficiency in minimal space: with an optimised and bespoke coiling concept for hot water storage tanks, Witzenmann, the world's leading expert in the safe and efficient transmission of media and energy, enables an increased heat transfer performance of heat exchangers by up to 50 per cent compared to conventional solutions. The experienced serial producer, known for its high level of development expertise, will be presenting the flexible coiling concept with corrugated stainless steel hoses at the ISH 2025 from 17 to 21 March in Frankfurt.



*The geometry and coiling of the corrugated hoses determine the performance and efficiency of the heat exchangers.
(Photo source: Witzenmann)*

Witzenmann, the market leader in the field of flexible metallic elements, has optimised its coiling concept for hot water storage tanks. The innovative system enables corrugated hoses to be wound precisely and as needed – tailored to the individual space and device size requirements of heat exchanger manufacturers. Even complex coiling shapes can be implemented, ranging from double winding coiling to the integration of several water circuits within a single module. Manufacturers benefit from a customised solution that not only increases efficiency but also integrates seamlessly into confined installation spaces.

Development partner from consultation to series production

As a full-service provider and reliable development partner, Witzenmann supports its customers in every stage of the project – from consultation and the development of specific modules to delivery of ready-to-use systems. The winding concept is developed exactly according to manufacturer specifications and is based on an individual adjustment of diameter, height and heat transfer to the respective application. “With our optimised flexible coiling concept, we specifically address the requirements of our customers and set new standards in terms of efficiency and adaptability. This allows us to maximise the heat transfer performance of every system,” explains Johannes Schweitzer, Head of Sales Building Solutions at Witzenmann.

Live at ISH 2025

From 17 to 21 March 2025, Witzenmann will be presenting its latest solutions for hot water storage tanks at the [ISH 2025](#) in Frankfurt am Main – the world's leading trade fair for water, heating and air. In Hall 9, Stand C09, visitors will have the opportunity to experience the innovative products such as piping systems for heat generation and storage first-hand and engage directly with Witzenmann's experts. A special exhibition model will illustrate various coiling forms, from single and double coiling coiling to the integration of multiple water circuits.

The Witzenmann Group

The Witzenmann Group is the world's leading expert in the safe and efficient transmission of media and energy for mobility and industry. Its headquarters are in Pforzheim. With a total of 22 companies in 16 countries worldwide, the family-owned company employs around 4,500 people.

Innovation, technology and digital pioneering work characterise Witzenmann: The company is the development partner with the world's broadest product range of metal hoses, expansion joints, metal bellows, pipe supports, piping systems and vehicle parts and offers its customers from a wide range of industries intelligent product solutions and services.

Further information is available at:

Witzenmann: <https://www.witzenmann.de/de/>
Innovation: <https://www.witzenmann.co.uk/en/innovation/>
New Mobility: <https://www.witzenmann.co.uk/en/solutions/automotive-engineering/new-mobility/>



Witzenmann: <https://www.linkedin.com/company/witzenmann-gmbh/>
Philip Paschen: <https://www.linkedin.com/in/philip-alexander-paschen-b31264/>



Witzenmann: https://www.instagram.com/witzenmann_group/



Witzenmann: <https://www.facebook.com/WitzenmannGroup>



Witzenmann: <https://www.youtube.com/user/witzenmann1>

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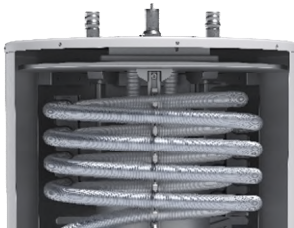
Images and captions



Caption:

The geometry and coiling of the corrugated hoses determine the performance and efficiency of the heat exchangers.

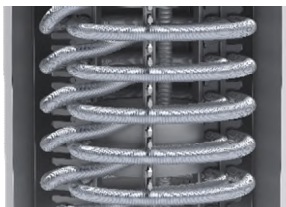
Photo source: Witzenmann GmbH



Caption:

The heat storage unit from the inside: multiple water circuits can be integrated into a single module.

Photo source: Witzenmann GmbH



Caption:

The heat storage unit from the inside: double coiling increases the heat transfer performance by providing a larger surface area.

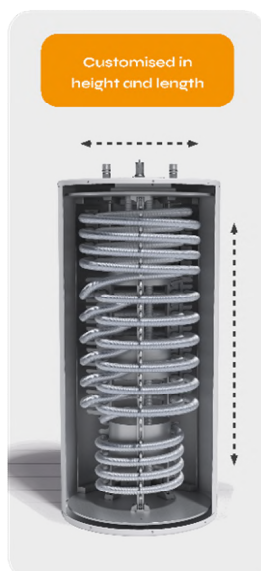
Photo source: Witzenmann GmbH



Caption:

The heat storage unit from the inside: in colder areas, Witzenmann employs a material-saving coiling technique.

Photo source: Witzenmann GmbH



Caption:

Custom helix coiling: Witzenmann offers bespoke coiling concepts.

Photo source: Witzenmann GmbH

You can **download the images** under the following link:

<https://frtransfer.followred.com/s/5R7fiJL9CaweTpL>