DEHOUST | News
SEPTEMBER 2022

Heat.
Energy. Water.
USE & STORAGE OF ENERGY

ECONOMY AND ECOLOGY GO HAND in HAND

Dear Reader,

Climate change and the energy transition have brought about a change in awareness among both customers and companies. The development of new solutions and innovative technologies continues to be key to combining economic efficiency and sustainability.

At DEHOUST, we continue to develop our products and services with a specific set of goals in mind: saving drinking water, storing energy economically and storing liquids safely. With safe storage solutions, including those used for diesel, our customers become more independent, are able to avoid supply bottlenecks and can better compensate for price fluctuations.

In this newsletter, you will learn more about our innovations and about proven solutions for your projects.

We look forward to being able to help you.

Your DEHOUST Team

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IN THIS ISSUE

Storage tanks and more

Storage and stockpiling of fuels and process water
> more

NEW

TrioSafe twin walled tank with cleaning access port

Buffer tanks

Buffer tanks for warm and cold storage
> more

Greywater reuse

Save water by using it twice
> more

NEW

Category 5 brake tank systems

Protect drinking water from contamination
> more

Storage tanks

Storage and stockpiling of fuels and process water

With safe storage solutions, including those used for diesel, our customers become more independent, are able to avoid supply bottlenecks and can better compensate for price fluctuations. The double-walled tanks from Dehoust in sizes from 720 to 1,500 litres are ideal for the storage of heating oil, diesel fuels or kerosene. The PE storage tanks comply with EN 13341. The inner tank of the TrioSafe also complies with EN 13341.

DEHOUST supplies storage tank systems in sizes up to more than 100 m³

Storage tanks

Storage of oils and lubricants, AdBlue® as well as concrete and mortar additives and other liquids

TrioSafe:
For economical and safe storage – drip tray included.
Secondary containment included.

The convenient cleaning access port makes it possible to insert submersible pumps and agitators, which means that cleaning the tanks is no longer a problem. TrioSafe storage tanks can usually be set up without additional safety containment areas.

NEW
with cleaning access port

For large-scale storage:
Single wall plastic tanks up to 4,000 litres for the storage of heating oil to run emergency power systems, storage of diesel fuels, lubricants and engine oils and many other toxic liquids.

Plastic storage tanks

From 570 to 4,000 liters, plastic storage tanks offer the ideal solution for almost every application.

Process water, splash water in swimming pools, industrial wastewater, fire-fighting water, cooling water, rainwater and greywater, Ad Blue, lubricating oils and hydraulic oil and concrete admixtures are just a few examples.

The HD-PE used is physiologically harmless and the tanks comply with the KTW guideline for house installation and for swimming pools as well as the KSW recommendation for drinking water installation.

The tanks are quickly and easily connected to tank batteries with the lower connection line. HD-PE is food-safe and chemical-resistant.

NEW
AQF 1100 and AQF 1500

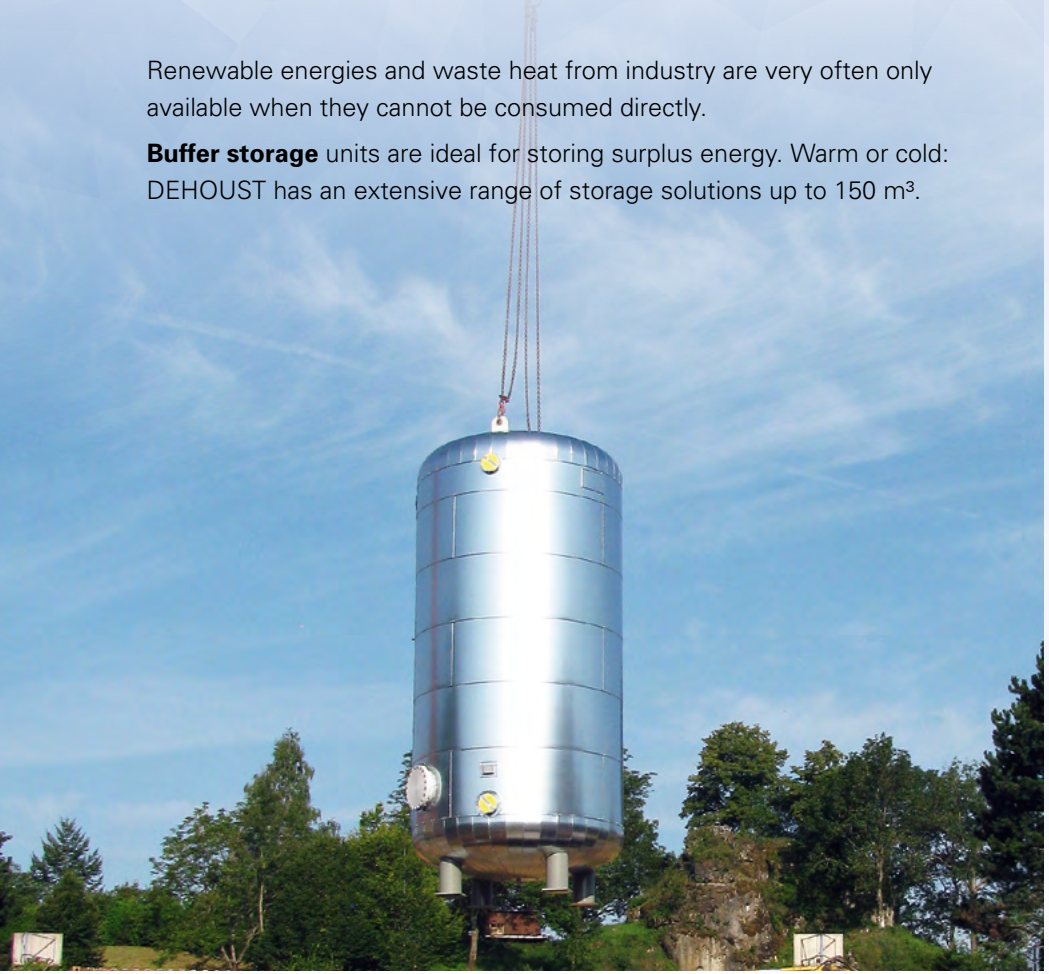
For process water storage we fit special connections and fittings to the tank

Energy storage

in warm and cold water buffer tanks

Renewable energies and waste heat from industry are very often only available when they cannot be consumed directly.

Buffer storage units are ideal for storing surplus energy. Warm or cold: DEHOUST has an extensive range of storage solutions up to 150 m³.



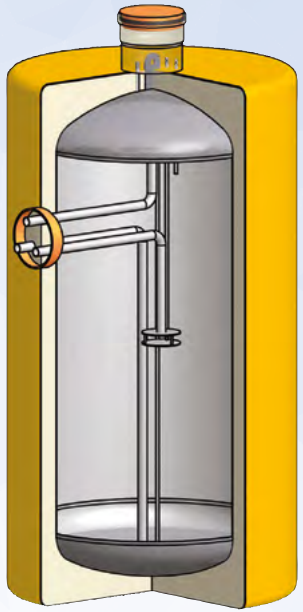
When space is tight

If there is not enough space above ground, we can design and manufacture **underground tanks from 2,000 litres to 100,000 litres**. Especially when it comes to energy storage, we can provide underground storage systems with sufficient volumes to sensibly operate local heating networks.

With a GRP outer shell and PUR foam insulation, heat storage tanks are optimally insulated against heat loss and ground moisture.

This results in highly efficient heat storage tanks with a volume of over 100,000 litres. They can absorb surplus heat and can thus store the energy efficiently.

Double insulation for more efficency



Vertical and horicontical vessels

Greywater reuse

Replace drinking water and use it twice

Rising prices and the scarcity of water as a resource have raised consumer awareness and driven the introduction of rainwater and greywater harvesting systems.

NEW

The dry standing filters for capacities of up to 40 m³/day make maintenance easy. Multi-filter systems will be available from April 2023.

Greywater reuse

Multibore systems from DEHOUST equipped with the latest membrane technology can treat greywater for the production of process water with qualities that easily meet the European standard EN 16941-2. Reduce drinking water costs as well as wastewater charges by using water twice preserving precious water resources.

The greywater treatment system processes slightly contaminated wastewater (greywater) from showers, washbasins and bathtubs into high-quality process water.

With DehoustCONNECT for real-time monitoring and control.

Category 5 break tank systems

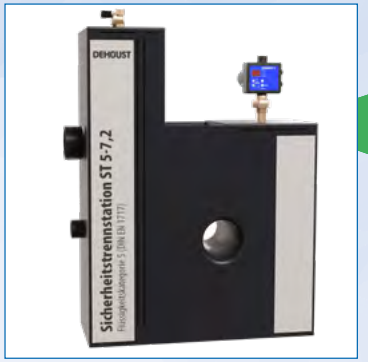
Protect drinking water from contamination

Separation by means of free discharge via AA or AB type airgap is used for underground irrigation systems, cleaning systems, standing water in production plants, in watering systems, in agriculture, for fire extinguishing systems, in hospitals and in many other areas. The strict physical separation with free outlet in accordance with DIN EN 1717 and DIN 1988-100 of drinking water and process water is guaranteed by DEHOUST drinking water separation stations.

Category 5 break tank systems prevent contamination of the drinking water and ensure a safe supply of service water.

Systems for every capacity and every application from 2 m³/hour to over 20 m³/hour, also as double pump station

Wall mounted separation station



Floor mounted separation station

NEW

Category 5 break tank systems with double pump and DehoustCONNECT