



Optimum temperature control, hygiene and sustainability. In every single process.

## MUELLER – EXCHANGING ENERGY

Energy is the fuel of our existence. That is why we cherish it. It brings people and processes in motion and ensures that we will keep improving.

We generate energy, convert it, save it and share it. By sharing energy with our coworkers, clients and partners we continuously create new energy together. That is our strength and we want to share it with you.



Dairy equipment

**Dairy equipment**  
With its unique natural product, the dairy sector helps promote healthy living. Quality and food safety are essential aspects of this. Mueller develops and delivers all-round solutions, giving livestock farmers the assurance of optimum storage and cooling of milk on their farms. Moreover, they have an absolute guarantee of product quality, reliability, business continuity and sustainability.



Beer tanks

**Beer tanks**  
The hospitality industry aims to offer its customers the very best in beer, with a meal or at the bar. What's more, businesses are required to satisfy the most stringent of requirements when it comes to product quality and safety, hygiene and health & safety at work. Cellar beer tanks supplied by Mueller provide chilled beer, guaranteed to provide the best quality. In turn, businesses can make substantial savings in logistics. What's more, lugging heavy kegs around is a thing of the past.



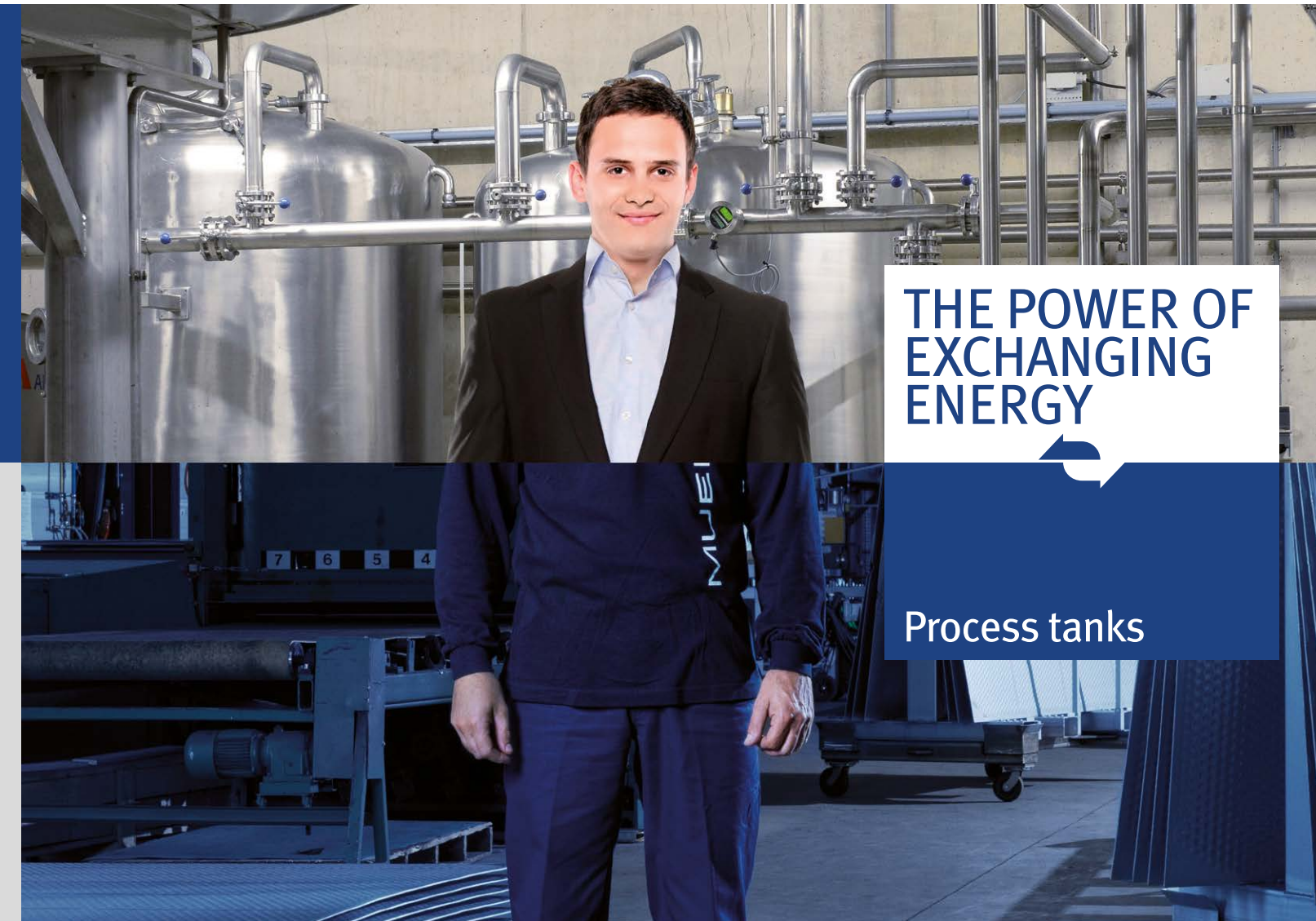
Process tanks

**Process tanks**  
In the chemical, pharmaceutical, food-processing and brewing industries, temperature-controlled processes, storage and transport play an essential role. To this end, Mueller produces client-specific processing tanks. The unique, industrial solutions offered by Mueller satisfy the most stringent of requirements in terms of precision, quality, safety, hygiene and energy efficiency.



Services

**Services**  
Mueller safeguards business continuity through professional installation and maintenance of (milk) cooling systems the world over. In the Netherlands, we have a nationwide network of more than fifty experienced and certified engineers. Outside the Netherlands, Mueller dealers are responsible for installation, service and maintenance. They - and likewise our clients - can always count on the professional support of the technical help desk provided by Mueller Services.



THE POWER OF EXCHANGING ENERGY

Process tanks

## PROCESS TANKS

For the chemical industry, pharmaceutical industry, food industry and breweries



## MUELLER, THAT'S WHY!

- Manufacturer of customer specific process tanks
- Worldwide supplier
- More than 75 years of experience
- Dutch reliability and top quality
- Unique: Temp-Plate®

## PROCESS TANKS: CUSTOMISED SOLUTIONS

In the chemical, pharmaceutical, food-processing and brewing industries, temperature-controlled processes and storage play an essential role. For these industries, Mueller manufactures process tanks. Engineering and manufacturing of these tanks are based on customer specifications regarding pressure, volume and available space. Tanks are available with capacities in the range of 50 to 50,000 litres.

**Temp-Plate®: the heart of every Mueller solution**  
Optimum temperature control and distribution is essential to processes. For that reason, Mueller has developed its very own unique and patented energy transfer system: the Temp-Plate®. In the processing industry, this type of energy transfer system is the most commonly used one of its kind in the world.

The double-walled stainless steel system offers significant benefits when compared to conventional heat exchangers: optimum temperature control, pressure resistance, smooth, dirt-resistant finishing and optimum hygiene. The Temp-Plate® energy transfer system is at the heart of almost every Mueller solution.

**Brewery tanks**  
Specifically for the brewing industry, Mueller manufactures customised brew kettles, fermentation tanks, storage tanks and pressure tanks. They are available in volumes ranging from 50 to 50,000 litres and are extremely reliable and durable.

Likewise, all Mueller tanks meet the most stringent quality requirements; they are certified under PED 97/23/EC approval. ASME certification is optional.

**Also available separately**  
Besides integration in our own products, the Temp-Plate® can be supplied separately as well. The heat transfer system is widely used for several applications, such as:

- Falling Film Water Chillers
- Immersion Sections
- Heat Recovery Systems
- Condensers and Evaporators
- Clamp-Ons



The Mueller Temp-Plate® is available in single and double-embossed versions.

**Temp-Plate® Single Embossed**  
Single-embossed Temp-Plate® consists of two stainless steel plates of differing thicknesses, spot welded together and inflated one side. This design is an economical version which can be utilised when a flat surface is required such as process vessel walls, conveyor belts and other manufacturing applications.

**Temp-Plate® Double Embossed**  
Double-embossed Temp-Plate® consists of two stainless steel plates of equal thickness, spot welded together and inflated both sides. This design maximises the heating or cooling process by utilising both sides of the heat transfer plate and is commonly used in immersion, plate banks and clamp-on applications.

*For brewers, Mueller manufactures a complete range of customer specific brewing vessels. →*