

LPK constructs, delivers and now also cleans tanks

LP Kolding has great experience in process optimization within the production of dairy products by delivering tanks to the industry. In addition, LP Kolding has now developed a CIP-cleaning cabin for transportable tanks.

By **Mogens Feld-Andreasen, Manager at LP Kolding**

LP Kolding (LPK) has more than 50 years of experience within construction and delivery of stainless steel tanks - both atmospheric tanks and pressurized tanks for the food industry. Last year at this time we were able to announce, that we had just delivered 30 processing tanks to a new ingredient manufacturing company, and four tanks to a Swedish company that manufactures oat milk.

Latest news this year — apart from business as usual, meaning delivering tanks to all over the world— is the development of a new washing cabin, based on CIP technology (Cleaning In Place) to a German customer. The cabin is specially designed to clean transportable tanks for food products. The

development has been done in collaboration with a German specialist in CIP plants and in close cooperation with the customer.

The cleaning cabin provides a full automatic wash both inside and outside of tanks or containers, in a volume from 10 to about 2,500 litres. The washing cycle per tank varies from 3 to 5 minutes.

It is possible to run the wash with different detergents, and the cabin is delivered as a complete CE marked unit with the necessary safety precautions.

LP Kolding – the steel tanks

Apart from the new cleaning cabin, LP Kolding's primary business is construction and delivery of tanks in stainless

steel. Pressure pressurized tanks are custom made with a PED approval in accordance with 2014/68/EU, which enables them to meet current EU safety standards for function, material design, manufacturing process and tests.

LP Kolding has specialized skills within the manufacturing of pressure tanks such as: Fermenters, mixer tanks, graft containers, process tanks, tube heat exchangers, sterilized tanks, tanks for compressed-air as well as vacuum tanks and boilers.

We clarify the requirements for the processing tank in regard to design, number of valves, agitator, cooling-/heating jacket as well as various applications and measuring equipment.

LP Kolding – the company

As sub-supplier LP Kolding has manufactured processing plants and tanks for most of the world. We offer customized standard solutions both directly to the customer as sub-supplier to larger plant manufactures or engineering institutions. We are specialists within design, planning, construction, documentation and installation of tanks and processing plants made of stainless steel. The company typically co-operates with the customer starting from when the idea has been presented and until the desired plant has been constructed, installed and is ready for use.

Our business is based on tailor made solutions dedicated to the customer and the co-operation is built on the good dialogue focused on the best solution depending on the design and functionality.

The know-how of the company LP Kolding is founded on its 26 well educated employees, who have the necessary skills ranging from knowledge about planning, welders to technical handling of materials during construction and installation.



LP Kolding has recently delivered tanks to a Swedish customer in the Pharma industry, finalized with a test for Riboflavin and penetration. During the test the CIP nozzles in the tank are tested for critical areas for cleaning. The photo shows the penetration test.



Cleaning cabin for transportable tanks.

In addition, we clarify the requirements for strength, insulation and sheeting depending on the location of the tank, and we also handle the final installation and subsequent the documentation.

Complete systems made as units at LP Kolding include: Pasteurizing units, mixer units, fermentation systems, evaporators, powder pumps, drying chambers as well as butter churns and pressure filters, all turnkey units ready for installation at the dairy or wherever they are needed.



Design and manufacturing of stainless steel tanks

More than 50 years of experience

Advice from idea to finished product

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