



Simple & Reliable Peristaltic Pumps For Food & Beverage Industry

FOCUS ON BREWERY APPLICATIONS

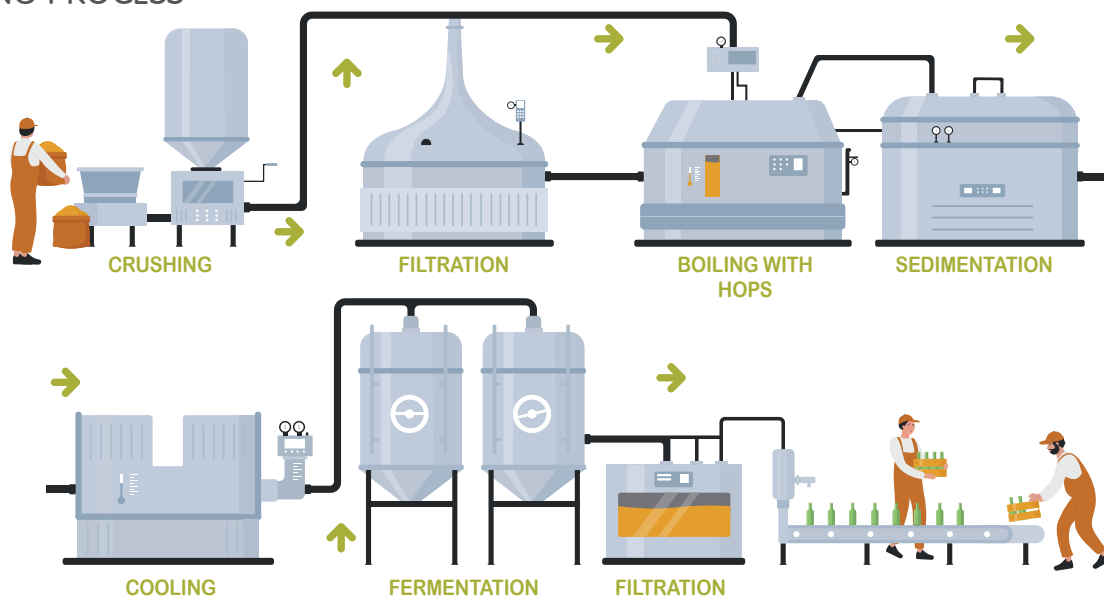


At Albin Pump, our main goals are consistent product quality and our customer's profitability. You should expect our pumps to perform reliably, be easy to maintain and have low cost of ownership.

In the brewery industry, Albin Pump can be found where volumetric accuracy and reliability are required. This combined with a gentle, low shear pumping action and simple, sealless, valveless, low maintenance construction has led to their use in a variety of duties. Reliable, low-cost transfer of fluids within breweries demands the correct pump selection.

Yeast, finings and other additives must be pumped accurately and reliably. The abrasive nature of these fluids can cause wear in traditional pumps, resulting in loss of performance and high maintenance. The Albin Pump hose technology maintains fluid quality and provide maximum pump uptime.

BREWING PROCESS

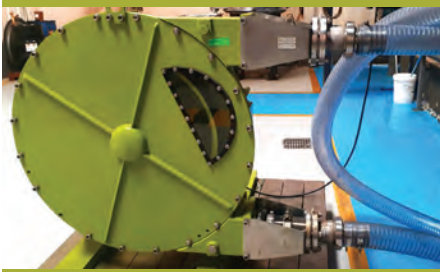


- Superior handling of yeast and additives without damage, low shear action
- Improved accuracy for pitching and dosing additives and flavourings: accuracy from 0.5% to 99% repeatability
- Continuous dry running and self priming
- Filter Press Solutions
- Hygienic design and CIP/SIP capability
- Greater reliability and lower maintenance - the hose is the ONLY wearing part



Example of application for filtration processes in brewery (diatomaceous earth pumping).

OTHER FOOD AND BEVERAGE APPLICATIONS



SOY LECITHIN

Our channel partner in Ecuador used Albin Pump peristaltic pumps for the transfer of soy lecithin, installed in a plant in Durán, Ecuador.

Thanks to our peristaltic pumps, especially industrial high pressure pumps (ALH), it is possible to handle abrasive fluids such as sludge, acids, viscous fluids or suspended solids, among others.

ALKALINE WATER (COCOA)

Here our ALH peristaltic pump is a key part of the process of dosing alkaline water in a plant that processes cocoa in Latin America. Albin Pump provides a large choice of hoses which are specifically designed to last longer and perform better than the competition, resulting in less maintenance and down time. Color coding on each hose makes it easy to identify the material of construction. Our ALH peristaltic pump hoses accept a maximum working pressure of 15 bar (220 psi).



DULCE DE LECHE

Albin Pump has once again replaced competitor's hoses using the ALHX65 hose for an important company in the Food & Beverage sector in Colombia. Albin Pump replaced a competitive hose used in the process of filtering beer. Albin Pump hoses have a longer life in contrast with many competitive hoses, which means less repair time and less production break time. Albin Pump has shown that the hose life could reach up to 50% more efficiency against competitive hoses and provide better abrasion resistance and more durability.

ANIMAL FOOD PRODUCTION

One of our distributors in Latin America (Ecuador), recently installed an Albin Pump peristaltic technology for food applications. This ALHX80 hose pump transfers soy lecithin between 25 000 and 30 000 cps, for animal food production.



FOOD WASTE

More and more food wastes are turned into energy & reused. Some machines and special equipments turn food waste into organic fertilizer.

Our ALP Low Pressure peristaltic pump range is often part of these machines. They are used to transfer organics at a flow range of 14 l/h - 8m³/h (4 gph - 35 gpm) at low discharge pressure.

A fluid with a viscosity of 20 000 cps is well handled and can contain small solids from the food waste.

Albin Pump being a hose pump technology has unique advantages in this application compared to competitive technologies:

- A small footprint to accommodate space limitations
- Ability to handle high viscosity and a variety of solids content
- Vacuum / suction lift to prevent potential clogging on the pump inlet
- Only one part in contact with the pumped fluid for quick and easy maintenance