

Brewer's wort Pilsner Urquell

Application market	Food
Market segment	Brewing & Wine
Pumped medium	Brewer's wort
Pump product	Bearing Frame
Country	Czech Republic



Challenge

The Pilsner Urquell Brewery needed a pump to carry brewer's wort with a liquid temperature of 104° Celsius. High demands were placed on the guidelines applicable to the transportation of liquids in food production processes.

Solution

A Hidrostat Screw Centrifugal, horizontally mounted bearing frame Pump was selected for this challenge because of its outstanding ability to gently pump liquids in demanding production processes.

Benefits

Customer's requirements could all be fulfilled satisfactorily:

- Gentle handling of liquids in demanding food production processes
- No losses in the expected quality of the tasty end product

Quantity of units sold	2
Pump type	H12K-HD1 + H2M10
Motor data	30.0 kW / 6 pole / 50 Hz / 400 V
Material combination	Cast iron pump body and wear parts with stainless steel impeller
Duty point	Flow : 300 litres per second / Head : 23 meters
In operation since	2000