

# PROBLEM SOLVER

## TABLETOP METAL CHAIN REDUCES ENERGY CONSUMPTION



Food and  
Drink

**Problem:** A large beer brewery was experiencing high noise levels and high energy consumption of drives on their 60,000 bottles per hour returnable beer bottling line.

**Solution:** **Rexnord® 661 Series TableTop® Metal Chain** was installed at the discharge section of the labeling machine and the complete section between the filler and the pasteuriser. The chain combines a lightweight stainless steel one-inch pitch - straight running and side-flexing - with reduced side-flexing gaps to provide smooth and efficient conveying ideal for beverage fill lines.

The customer acknowledged the benefit of the Rexnord 661 Series TableTop Metal Chain in combination with rubber-covered return rollers. The noise level of the conveyors dropped significantly which means a better working environment for the line personnel.

Besides noise level reductions, we were able to reduce energy consumption. As a result of the 25% reduced weight of the Rexnord 661 Series TableTop Metal Chain, power consumption of the drive motors has been reduced by more than 14%.



Ref: P5004