APPLICATION SPOTLIGHT

ARO®

Chocolate Production

GLOBALGEAR SOLUTION

Project Overview

Chocolate production is a long and calculated process. It begins with a bean that is farmed and cultivated, and ends with a delicious product that can be molded into a fun, sweet treat. Chocolate manufacturing happens at a large scale, requiring reliable equipment. ARO's GlobalGear industrial process pumps are the perfect fit for these applications.

Customer Overview

ARO's customer is a multinational confectionery, food, and beverage company located in Russia. One of this company's most popular products is chocolate. Their chocolate production lines are busy, and need to move material quickly and accurately. They work around the clock and need to be confident that their equipment will work reliably alongside them. If there is any required maintenance, they need the ability to perform it with minimal downtime.

Solution

One of ARO's customers was using a competitor's pump in their chocolate manufacturing process. But when one of these pumps needed service, the customer found themselves shutting down the entire production line for at least one full day to remove the entire pump.

This prolonged downtime compelled the company to look for a different solution. The solution they found was GlobalGear, by ARO.

GlobalGear utilizes a back pull-out design, allowing access to the pump without disturbing the piping or shaft alignment. This feature allowed the customer to change out the shaft seals within a fraction of the time, without completely taking down the pumps. Additionally, the larger shaft design and the shaft seals proved to outlast and outperform the competitor, resulting in less downtime.

After seeing how easy it was to replace seals and maintain ARO's pumps, the customer decided to switch over all their previously preferred pumps to what worked best for them: GlobalGear.

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