



DRIVEN BY POSSIBILITY™

CASE STUDY

INDUSTRY:

Food & Beverage, Poultry Processing Plant

TYPE OF EQUIPMENT:

Conveyor

THE PROBLEM:

The poultry facility was incurring frequent replacement, and therefore excessive downtime on the Wing Conveyor due to a competitor belt not performing properly for up to 30 days.

The maintenance group had to adjust the belt on a daily basis causing a total of 5 hours of lost production time in 30 days. They also had to replace the competitor belt three different times in hopes of alleviating the problem. The new competitor belts also underperformed on this conveyor.

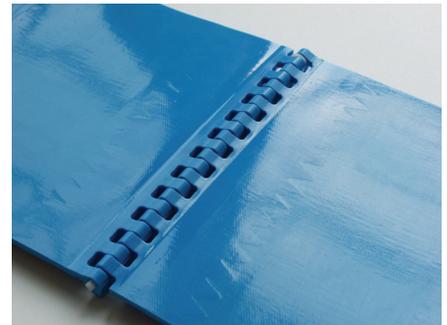
THE SOLUTION:

Gates came in and surveyed the conveyor application and offered the PC20 Posi-Clean Food Belt with Posi-Lace attachments as a replacement to the competitor product that was failing.

The installation was completed in October of 2018. As of April of 2019, the Gates PC20 with Posi-Lace has been performing exceptionally well. The facility has incurred zero downtime on the Wing Conveyor after installing the PC20 belt and also has not had to perform any unscheduled maintenance on the Wing Conveyor reducing the labor cost to run the PC20 belt.

COST SAVINGS:

- Production Lost:** 5 hours x \$9,000 per hour = **\$45,000**
- Labor Lost:** \$50 x 4 hours = \$200 (2 men)
30 days x \$200 = **\$6,000**
- Price Reduction:** Competitor belt cost = \$10,000 x 2 belts = \$20,000
Gates belt cost = \$5600
Total price reduction = **\$14,400**
- Total Cost Savings: \$65,400**



HOW THE SAVINGS ADDS UP



- Production
- Labor
- Price Reduction