



Major US poultry plant eliminates planned maintenance and saves nearly \$10,000 annually

Key Challenges

Demanding application – The poultry plant used an open-hinge plastic modular belt for its cage dump application. However, the belt was problematic, requiring excess maintenance and offering a very short belt life, which resulted in higher costs. The cause was debris getting lodged in the belt's open hinges. Together with the application's high-impact and heavy loads, this led to cam-shafting and sprocket disengagement.

Unsatisfactory competitor belts – Habasit competitor belts use an open hinge design that traps dirt and debris, reducing the belt's operability and lifespan. Competitors try to overcome this flawed design by using a stronger material: polyketone. However, this cannot compensate for the inferior design.

The Habasit Solution

After stringently evaluating two open-hinge belts from different suppliers, the plant turned to Habasit for a solution to solve the challenge. In response, we offered our proven HabasitLINK® M5015 Flat Top 2" belt. This black PE plastic modular belt has strong, closed hinges and 7 mm (0.27") nylon rods, with belt sprockets that reliably withstand heavy wear. Once installed, the 108" wide belt immediately eliminated excess cam-shafting and the need to clean under the belt.

Excellent Results

The Habasit belt does not require regular maintenance, leading to a 100% drop in time spent on replacements and cleaning hinges and under the belt. This is saving the plant 104 labor hours a year, leading to an annual labor savings (at \$85/hour) of \$8,840.



The poultry plant management is pleased with their decision to install the Habasit belt, thanks to its numerous benefits.

The M5015 Flat Top belt eliminated costly maintenance, increased efficiency, and delivered significant savings, including:

100% reduction in maintenance and cleaning time.



Extended belt life – saving \$6-8,000 annually for new belts and up to \$32,000 over the expected four-year lifetime



Annual labor savings of \$8,840 (estimated industry average savings)

Are you looking to increase your poultry production efficiency with reduced maintenance, labor, and equipment costs? Habasit's innovative, high-quality solutions are here to help. Contact us for more information.

For more information about Habasit's solutions and how they can benefit your business, please visit:



Product Specifications:

HabasitLINK® M5015 Flat Top 2"

The M5015's closed-hinge design supports heavy, high-impact loads and is ideal for cage dump/live hang receiving area applications. Food-approved materials are available.

- 1 Black color to help calm broilers
- 2 Solid plate, 0% open area design
- 3 Dynamic hinge gap for easy release of debris
- 4 Strong link design for demanding applications

