



Industry: Cat Litter Manufacturing

- A cat litter manufacturer required daily maintenance to clean the tail section of a bucket elevator.
- Martin's Clean Flight® wing pulleys eliminated 1.5 hours of daily downtime.

Production Increase Value - \$225,000



Product

Martin manufactures heavy-duty conveyor pulleys offering maximum protection against premature wear in harsh environments.

The unique construction of Clean Flight® wing pulleys offers improved material rejection, optimized belt cleaning, and less vibration in operation.

Martin's extensive heavy-duty conveyor pulley product line is available as stock or made-to-order with exceptional delivery times.

Common Applications

Cement & aggregate, mining, pulp & paper, lumber & wood.

Challenge

- A cat litter manufacturer required daily maintenance to keep the tail section of 4 critical bucket elevators clean, which led to 1.5 hours of downtime each day.
- The trolley conveyor operated on a rail system so the customer needed to ensure that it stopped in the appropriate location.

Solution

- Martin's field support team was able to quickly identify issues with existing standard tail pulleys and recommended replacing them with Clean Flight® wing pulleys to improve material rejection.
- Martin produced the Clean Flight® wing pulleys at a regional manufacturing branch for quick delivery.

Impact

- With the assistance of Martin's local field support team, the manufacturer was able to recover 225 hours of productivity over the following 5 months.



Bottom-line Results

Increased Production

(\$1,000 / hour maintenance cost * 1.5 hours daily downtime * 30 days * 5 months = 225 hours recovered)

**Production Increase Value
\$225,000**

Learn more about Martin and power transmission & material handling solutions at:
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