

STANDARD WEBSTER CHAIN REDUCES DOWNTIME IN HORIZONTAL CHIP CONVEYOR

ANNUAL SAVINGS: \$870,000

CHALLENGE

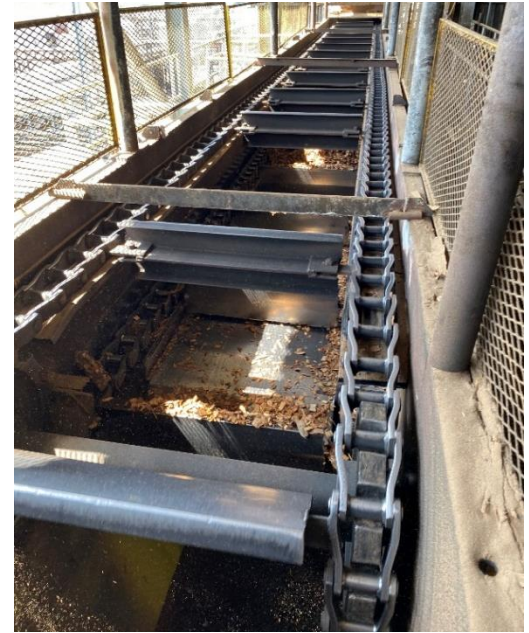
A national pulp and paper company, using competitor’s chain, needed to repair its WHX157 riveted chain roughly every six months due to attachments tearing off the chain. This frequent breakage resulted in 80 hours of downtime per year at a cost of \$420,000 annually.

SOLUTIONS

As a solution, Webster recommended its standard WHX157 chain, built to Webster’s highest quality standard, with an engineered attachment design change. This attachment eliminated conveyor downtime by providing superior reliability and maintenance free operations. This engineered design solution comes as Webster’s standard service offering and commitment to providing total cost of ownership to all our customers.

RESULTS THAT MATTER

The switch to Webster chain increased production time, eliminating downtime due to attachments breaking, saving the company \$870,000 over one year. Additionally, the company is projected to see savings of \$1,740,000 over the life of the chain.



Annual Savings	Payback in Months
\$870,000	Immediate
Chain Lifetime Savings	
\$1,740,000	

THE WEBSTER DIFFERENCE

Webster chain is engineered for optimum performance in the most challenging applications. From materials to post-assembly, the Webster Difference ensures a high-quality, long-lasting product.

Materials: High quality USA made steel offers increased tensile and fatigue strength.

Hole Processing: Webster’s burnishing process results in a high quality, tighter tolerance, fatigue resistant, work hardened sidebar hole, which are all primary keys to extend chain life. The major advantages of burnished pitch holes is the amount of bearing surface, accuracy of hole size and consistency of press fit.

Heat Treatment: Strict atmosphere and quenching control optimizes material properties to increase strength, durability, and wear resistance. Our four in-house, high quality-controlled heat-treating processes ensure component hardness for optimum wear characteristics.

Engineering Services: Webster provides its customers with the value-added service of application and wear analysis with design, suggestions, and specifications.