PROBLEM SOLVED™ PAPER

SOLUTION: Martin® QB1™ Cleaner HD and Martin® SQC2S™ Cleaner

INDUSTRY: Aggregate

LOCATION: Hanson Aggregates in Burnette, TX

PROBLEM

Hanson Aggregates is one of the largest producers of crushed stone, sand and gravel in the U.S. The plant located in Burnette Texas, about fifty miles northwest of Austin and 150 miles southwest of Fort Worth, handles 1.5 million tons of limestone per year. After experiencing excessive carryback on their existing conveyors, they wanted to make sure to address the issue when adding a new conveyor. The plant spent 16-24 hours/wk to clean up, not to mention the damage to the conveyors.

A Martin® QB1™ Cleaner HD was installed at the Hanson Burnette plant to address the excessive carryback.

SOLUTION

After accessing the situation, Martin recommended installing the Martin® QB1™ Cleaner HD as well as the Martin® SQC2S™ Cleaner on the new conveyor. The Martin® QB1™ Cleaner HD provides the same ease of installation as the current Martin® QC1™ Cleaners, maintaining standard installation and service costs, while also utilizing the highly effective and patented CARP profile and Martin's innovative EVO® design principles to reduce component surface exposure to material flow, minimizing material build-up and clean-up costs, production interruptions and safety concerns.

The Martin® QB1™ Cleaner HD is a patented new evolution in belt cleaner technology.

RESULTS

The overall cost of maintenance is much less with the Martin® QB1™ Cleaner HD because the blades last longer and blade replacement requires no tools and can be completed by one person in just minutes without tools. David Reyes, Plant Manager stated, "This is my cleanest conveyor in the plant." Hanson has since installed 3 additional Martin® QB1™ Cleaners and a Martin® SQC2S™ Cleaner.

The overall cost of ownership is much less because the blades clean better, costs less and last longer.