



PROBLEM SOLVED™ PAPER

SOLUTION: Martin® Belt Cleaner Replacement Blades

Martin® QC1™ Belt Cleaners

INDUSTRY: Recycling

LOCATION: Alcan Aluminum Corporation
Greensboro, Georgia



Bales of aluminum scrap

PROBLEM

Alcan Aluminum Corporation's Greensboro Plant was unhappy with the performance of a competitor's belt cleaners, and thought replacement blades were too costly.

As a result of poor cleaning performance, plant employees were required to vacuum fugitive material from the conveyor pits two to three times per week, at a cost of \$1,500 to \$2,500 per vacuuming.

SOLUTION

The plant purchased competitor replacement blades from Martin Engineering at a cost savings of over 50% per blade. The plant found the Martin® Blades lasted longer than the blades from the original supplier.

Eventually, the plant switched to Martin® QC1™ Belt Cleaners as supplied by Martin Engineering.



Martin® QC1™ Belt Cleaner

RESULTS

With the Martin Engineering cleaners installed, the improvement in cleaning efficiency has reduced the need to vacuum the conveyor pits to two to three cleanings per month, providing a cost savings of over \$55,000 per year.

*Martin® QC1™ Primary Cleaner is protected by U.S. Patent No. 4,917,231.
Martin® QC2™ Secondary Cleaner is protected by U.S. Patent No. 6,321,901.*

**Martin Engineering • One Martin Place • Neponset, IL 61345-9766 USA
Ph. 800-544-2947 • Fx. 800-814-1553 • info@martin-eng.com • www.martin-eng.com**

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