

Novitool® Aero® Press Cuts Splice Time, Reduces Risk Of Contamination At Tobacco Plant

Industry

Tobacco

Application

Endlessing Belts in a Tobacco Plant

Product

Novitool® Aero® Portable Splice Press

Objective

- Reduce downtime
- Reduce risk of product contamination

Conveyor Detail

Two-ply Polyolefin belts



Problem:

The maintenance manager at a tobacco plant that produces approximately 35 million cigarettes per year was looking for a more efficient way to splice their belts. The tobacco plant maintenance crew had long been vulcanizing their belts using a water-cooled press. With this press, complete splice time, including set up, was two hours.

Solution:

Sample polyolefin belts were brought in and the Novitool® Aero® Portable Splice Press was demonstrated for several members of the maintenance crew. The press only took 10 minutes to set up, and seven minutes to complete the actual splice. The maintenance manager was not only impressed by the time savings, but also by the fact that no water is required for cooling.

Result:

Shorter splice time, lighter equipment, and fewer components to haul around the plant were all benefits listed by the maintenance manager. Plus, the air cooling process of the Aero Press keeps moisture out of the process, which is important in a dry tobacco processing application in terms of product quality and reducing contamination. The time savings was most impressive, however, as the maintenance team saw an 86% reduction in time spent from set up to completion of the splice. He also noted that while the Aero Press is lightweight and portable, it still provides a flat, consistent splice.

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