

Novitool® Aero® Press Reduces Splice Time by 50 Percent for Metal Can Manufacturer

Industry

Metals

Application

Manufacturing metal cans

Product

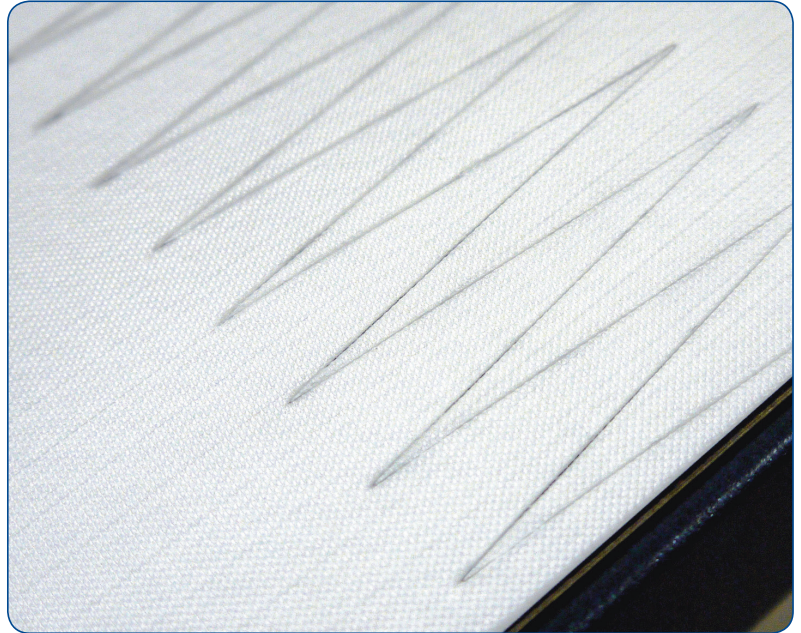
Novitool® Aero® Portable Splice Press

Objective

Find a more efficient splicing process

Conveyor Detail

Six inch width, two- and three-ply polyurethane belting



Problem:

A metal can manufacturer operates a magnetic conveyor to vertically transport aerosol cans in the plant. The conveyor belts incur significant impact and accumulation wear in this application, causing belt splices to fail. Because belt repairs and replacements are frequent under these conditions, it is important to produce a quality splice that will last longer, and have an efficient splicing method that saves time. In many cases, these repairs are done during production, so a faster splice procedure that reduces downtime would be optimal.

Solution:

The press that was being used required approximately 20 minutes to reach the correct temperature and an additional 13 minutes to complete the splice. The superintendent researched many splicing options to replace the press. After seeing a demonstration of the Aero® Portable Splice Press, both the superintendent and maintenance crew were impressed by the quick splicing time, ease of operation, and consistent quality of the splice.

Result:

The Aero Press reduced splice time by more than 50 percent and produced consistent splices. The manufacturer now uses the Aero Press for splicing of the belts on the magnetic can elevator and is pleased with the tool operation and the quality of the end result.

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