



Partners in Productivity

Application Profile

Alligator® Gold Class™ Plus Power Driver Reduces Maintenance Time By 66% in Belt Shop

Industry

Gypsum

Application

Pre-fabricating belts

Product

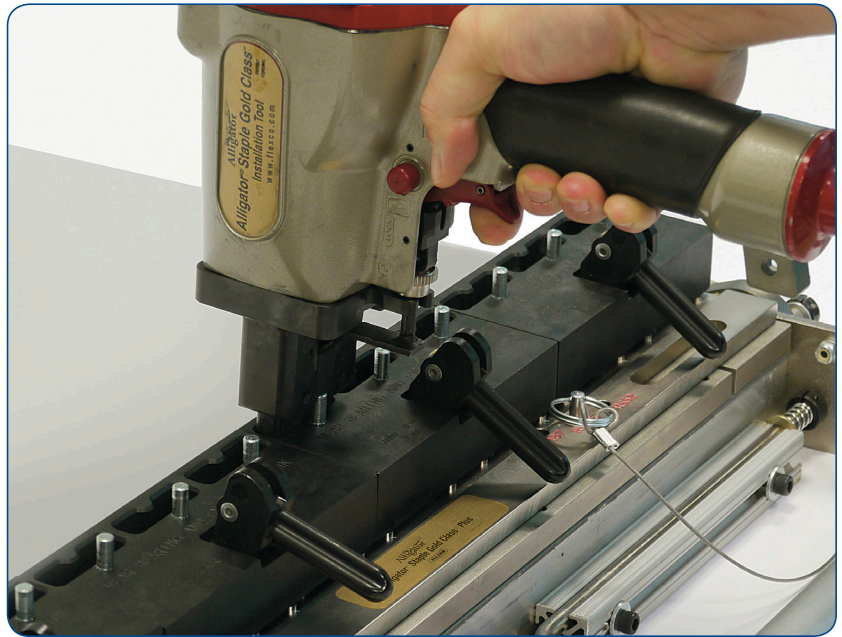
- Alligator® Gold Plus Installation Tool
- Alligator® Gold Class Power Driver

Objective

Reduce downtime

Conveyor Detail

2" wide gum rubber belts



Problem:

A local belt shop was manually installing Alligator® Ready-Set™ Staples using an RSC 187-4 installation tool on belts that needed to be fabricated for a local gypsum plant. Using this method, crew members were only able to fabricate one belt at a time. But when they started receiving large orders, upwards of 84 belts at a time, the operations manager got concerned about the fatigue of the crew and the time it took to complete the task – 12 hours.

Solution:

A demonstration of the Alligator® Gold Class™ Power Driver and Gold Class™ Plus installation tool convinced the manager that he could solve the problem of fatigue and efficiency with one simple system. When used together, the system allows users to install Alligator® Ready Set™ staple plates with quick and effortless trigger pulls. The design of the Gold Class Plus installation tool also allows users to switch between plate sizes in mere seconds.

Result:

Results were immediate and successful. Crew members can now fabricate five belt ends at a time, drastically reducing their belt fabrication process from 12 hours down to four hours. Less fatigue for the belt shop crew has also lowered the chances of repetitive injuries.

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