

Novitool® Amigo™ Homogeneous Splice Presses Save Time, Manpower, and Belt Damage for Large Beef Processor

Industry

Proteins

Application

Ground beef line

Product

- Novitool® Amigo™ 1000
Homogeneous Splice Press
- Novitool® Amigo™ 625
Homogeneous Splice Press

Objective

- Reduce maintenance time
- Reduce manpower
- Increase safety

Conveyor Details

- 24" wide homogeneous belts



Problem:

The maintenance crew at a large beef plant in the Midwest was perfectly happy with the way they handled belt splicing. About three times a year, they would splice and completely sanitize all 33 of their homogeneous belts in a 24-hour period. While it was a stressful time for the maintenance team, it was the way things always had been done. Hot wands were the tool of choice for splicing, and while they presented a safety hazard for operators because of the exposed heating element and they didn't produce consistent, quality splices, management felt this was an acceptable way to complete the job. That was until the day a new cleaner blade caught on one of the poor quality splices, ripping the belt and bringing one of their most important conveyors to a halt.

Solution:

Frustrated, the operations manager reached out to his local distributor to find a better way to splice. Their distributor brought a Flexco representative, a large piece of belting, and a Novitool® Amigo™ 1000 Splice Press to help repair the conveyor. The team took out four poor-quality splices and

replaced them with Amigo splices. The maintenance team was impressed with the integrated belt cutter, which was safer and produced square belt ends, as well as the ease of use of the press. The enclosed heating element also made the job a lot safer, and the end result was a consistent, quality splice that was completed in less than a minute.

Result:

The plant immediately purchased two Amigo 1000s, and would have purchased more, except that many of their belts were not as wide, and it took two operators to transport the splice press. So when Flexco introduced the Amigo 625, the plant was the first in line for a demonstration and purchase. The lightweight, compact 625 was perfect for their smaller belts, and at 54 lbs, was portable for a single operator. This frees up a member of the maintenance team to work on other projects, and gets the job done quicker and easier. With all the same benefits of the 1000, the Amigo 625 now gives this operation another tool in its arsenal of weapons to fight downtime.