

Corner Line Banding Improves Throughput by 60%

Company

This company is a world-class provider of innovative label design and printing. It maintains two types of production facilities: Roll-fed and Sheet-fed labels. The sheet-fed label facilities produce glue-applied cut-and-stack labels for many consumer products you purchase every day. This is the success story of one sheet-fed facility. (Chooses to remain anonymous.)

Offset-web printer needed to improve process

The offset printer is a long-time user of stand alone paper banding machines and knew the efficiencies of this technology, even without automation. Because of their high volume production, their labor intensive process included sorting, hand banding, and packaging different sized cut-products. Wishing to reduce labor costs, they also wanted to deliver on end-user demands for lead times and sustainability. Their goal was to gain preferred vendor status with customers by using best-in-class practices. This could be accomplished by enhancing productivity, reducing waste, and having a flexible process. The company is sensitive to their end user requests to reduce material thickness, costs, and material volumes in the end label product. They also needed a flexible system that could handle multiple products such as labels, post cards, tickets, and more.



Automatic banding line serves two cutters

While planning a new production flow and plant layout, the company wanted to incorporate an automatic banding machine for such items as post-cards, tickets, as well as labels. Felins bundling experts developed a method to feed one automated banding machine servicing two cutting lines. Major labor savings were realized because the machine automatically 'reads' the size of the bundle or stack and applies the correct sized band.

The [ATS-CSW-DMS](#) was successful at running the full mix of the customer's product without time-consuming changeovers. The single machine with an extended infeed conveyor and custom-engineered product stops, allowed the machine to accept mixed stacks off the two different cutters and prevented collisions from the two product streams.

The tightly banded stacks exit the bander and integrate into an auto-sortation line. The selection of a clear banding material allows product scanning for proper directing into the pack-out area without manual or human handling.



ATS- CSW-DMS Automatic Banding

The right solution

Felins provided an ATS-CSW-DMS corner line banding system with conveying and traffic control for the different sized bundles. The machine automatically 'eyes' bundle size and adjusts the band to tightly fit the bundle without damaging the product.

Note

60% BETTER THROUGHPUT

Results were immediate and impressive. The company improved their throughput by 60% over the hand labor process. It also reduced labor needed at the banding lines.

The single banding machine with automation allowed for flexibility in the process and integration into an auto-sortation line. The company avoided the cost of needing two banding machines, yet received the benefits of automatic banding for their production lines.

Felins® provided full operator and maintenance training on-site. In addition, a trained distributor is close to the facility for speedy local support.

About Felins, Inc

We supply specialty and custom engineered bundling solutions, serving virtually every industry. Our solutions of sustainable packaging alternatives reduce labor, packaging mass and maximize total savings. While some companies try to "think out of the box", at Felins, we often "get rid of the box" entirely.

For more information, contact Felins at 800.843.5667 or visit www.felins.com.



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