

What to Consider when Considering Automation

Banded, Boxed or Sleeved?



CMD Model 0305GOW Global Overlap Bag Winder with labeling/banding unit

The label or band can be used as outer packaging, eliminating the need for a carton.



Chipboard containers are filled with bags-on-a-roll and exit the outfeed conveyor on the way to the carton-closer (above). The case packer erects, fills, closes and seals the RSC fiberboard outer cases-ready for palletizing and shipping (below).



Whether you have 2 lines or 200, whether your operation is in Atlanta or Anchorage, the impact of labor on your production efficiency and product quality is paramount. Since packaging-line labor is often high-turnover labor, your angst is compounded by absenteeism, safety concerns, training and re-training, ergonomics issues and even the ambient temperature and humidity in your operating environment. These issues are motivation enough to consider automation. But here are some things to consider before embarking on a packaging line automation system.

•Rolled or Folded? The level of pay-back can be impacted by the type of product you run. CMD offers automation equipment for bag-on-a-roll and for a variety of configurations of folded product.

•Do the Math. You may be surprised at the savings. Consider the impact of automating a converting line that consists of two bag machines and two bag winders, using six packaging personnel over three 8-hour shifts:

Automation line can eliminate 50% of the labor (3 operators) @ \$25.00 per hour* X 8 hours X 7 days = \$4,200 X 52 weeks = \$218,400 per year.

If you have multiple lines, the savings increases accordingly. It is easy to see how quickly you will recoup your original investment in automation equipment and integration services.

•Quality Considerations

The modern packaging automation line can include multiple reject stations, electronic eyes, check weighers and more. These quality and process controls are programmable, consistent and measurable, allowing you to deliver verifiable reliable product quality.

•Production Efficiency

On a typical bagmaking line staffed by packaging personnel, when an upstream machine fails, the entire line goes down. In a modern automation line, accumulation stations are built in, allowing sections of the line to continue even if another part of the line has experienced a failure. When a simple, easy-to-fix failure occurs, the line can stay operational while the fix is made, and loss of production is mitigated.

The beauty of the well-designed packaging automation system is that it allows the optimization of upstream (feeding) equipment with downstream (conveying) equipment for production efficiencies that can really power up your profits.

**Contact CMD Sales Department today for more information:
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** Estimated industry average hourly cost with taxes, insurance, wages and attributable overhead costs.*

Rolled or Folded?



The CMD Rolled Auto Packaging (RAP) unit efficiently handles the take-off of rolls into boxes or cartons.



The CMD 3113 Triple Folder shown with cross-conveyor for folded product into chipboard cartons



The CMD 3113 Triple Folder shown with bulk conveyor for folded product into bulk cartons

