

# Sealing Out the Competition

## RANDOM HEIGHT AND WIDTH CASE SEALER

### PRODUCT:

**TBS100-FC XL Random Top and Bottom Case Sealer**  
Guarding and Low Tape/No Tape

### THE CHALLENGE:

Seal 6 different case sizes of varying weight without damaging cases for e-commerce electronics company  
Customer's 30 cpm Pearson was deforming the cases  
One case very lightweight  
Had to easily accommodate new case sizes

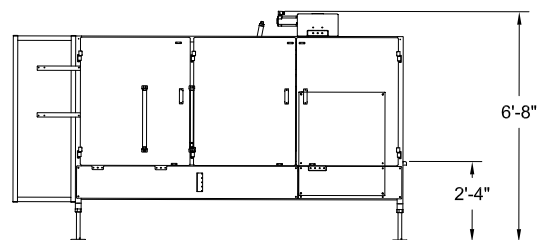
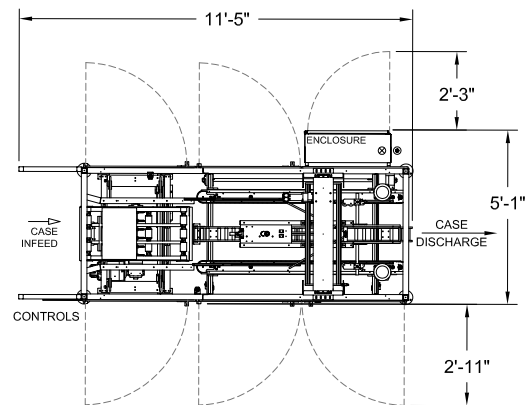


### THE COMBI SOLUTION:

- Modified our existing random egg sealer with a unique case size identification station
- Side belt drive securely transports light and narrow cases across tapeheads
- Adjustments to existing case sizes or an unlimited number of new case sizes (within range) easily entered by operator on HMI

### SEQUENCE OF OPERATION

The dimensions of all the cases to be sealed are stored in the HMI. A filled case enters the centering station where an air cylinder adjusts to the width of the case. Simultaneously a light curtain senses the height of the case. These measurements are "matched" to one of the case sizes that is stored, which communicates the setting to the side belt drive and tape head assemblies. The case enters the drive and is sealed with adhesive tape at 12 cpm.



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### CASE SEALER IN E-COMMERCE INDUSTRY

TBS-100FC XL Random Case Sealer

