



## **Roping Device – Stretch Wrapping**

A major battery manufacturer needed to improve the stability of very heavy loads and lock in the load to the pallet. The equipment being used was over 12 years old and could not be retrofitted by the manufacturer.

PLACE VIDEO LINK PICTURE HERE

### **The Problem:**

1. Large size heavy batteries sold to the gold cart and marine industries were being shipped with load failures during transportation.
2. Operators would have to manually try and rope the load which resulted in inconsistent wrap patterns
3. Although the load at times remained unitized, the entire load could slide off the pallet during transportation.
4. Load failure frequency was on a weekly basis and creating major issues with distribution of product.
5. The stretch wrapping machines were over 12 years old and could not be retrofitted by the manufacturers engineering group with a roping device.

### **The Solution**

1. The technical service group at INOPAK decided to evaluate if a roping device manufactured for newer machines could be used for this application.
2. INOPAK modified the current machines through both fabrication and programming to incorporate a roping device.
3. INOPAK installed the custom roping device as an option on customer machines during normal operations with minimum downtime.

### **The Result**

1. Operators no longer have to manually rope a pallet; they now just turn a selector switch.
2. Load failures for these battery sizes have been completely eliminated during transportation.