



## CASE STUDY 2023

### PUP COIL BANDER

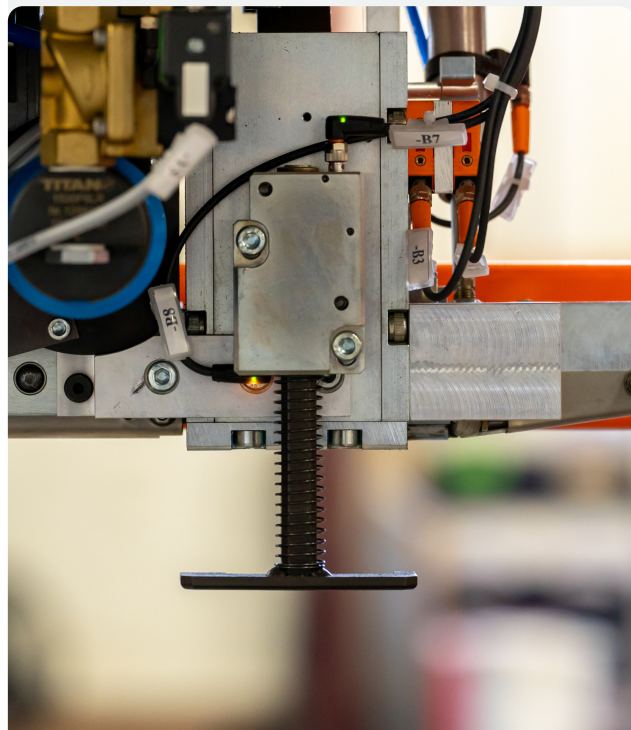
Logan Aluminum is the largest single can sheet facility in North America, which produces over 2 billion pounds of aluminum per year. The Kentucky-based aluminum company had a few major concerns with their pup coils and the danger it brings to their workers.

### OVERVIEW

After a thorough assessment with Itipack Systems, they went to work by incorporating a banded system to automatically band and release the coils, which means no human interaction, and less risk of injury. Overall, providing a controlled environment, ensuring the business runs efficiently.

### CHALLENGE

- At Logan Aluminum, their vision is to demonstrate an increasing capability to operate injury free and to eliminate all “life changing injuries”.
- The Kentucky-based Aluminum company was looking to execute a major hands-free initiative across its entire facility.
- Logan’s major area of concern was pup coil offloading and their strapping area.

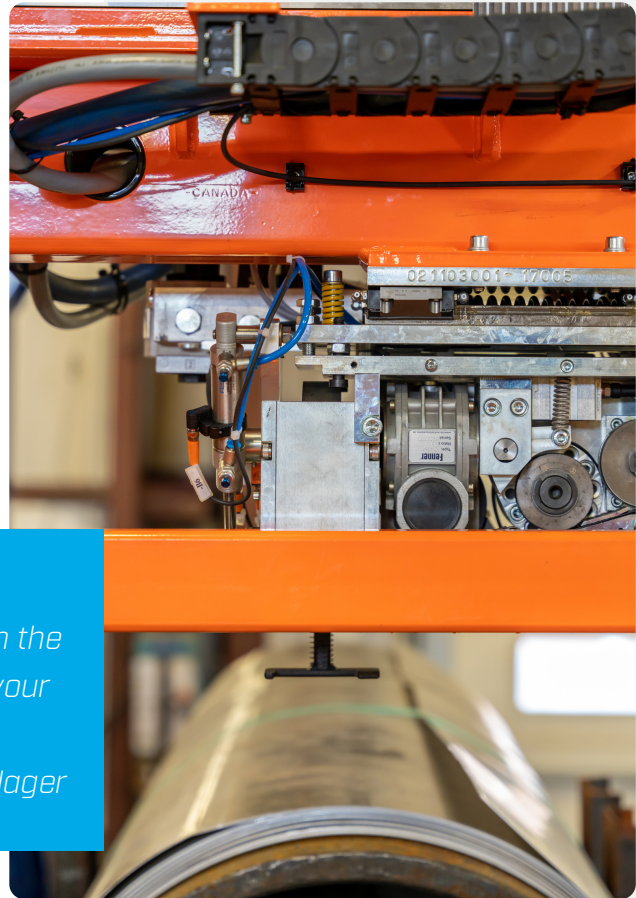


Prior to contacting Itipack Systems, Logan was unloading pups onto a landing table, then stepping onto the platform and manually hand-strapping the coils. Multiple safety concerns were raised in this operation such as a major falling hazard from standing on the table, a sharp hazard with the cuts from the pup coils, and the hazard of being hit if the pup coils were to be prematurely released, causing impact.

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*"There is no one-size-fits-all, quick fix in the strapping industry. Contact Itipack for your customized solution today."*

*Kyle Jager*



## SOLUTION

01

### Safety of workers

Itipack was commissioned to assess the areas of hazard with an on-site sales and engineering visit. After a thorough assessment, a collaborative exchange was initiated with Itipack's operations and engineering team. Itipack's success stems from their qualified and skilled engineers who are able to develop concepts that fully address the complete scope of the work, and find the right solutions to fit Logan's safety concerns.

02

### Minimize the risk of human error

Itipack engineered, manufactured and commissioned a fully automatic strapping machine with the ability to strap the OD of the pup coil, index offline and have the table automatically release the coil without any human interaction

## RESULT

### 100% Achievement

Throughout the next couple of months, several concepts were reviewed and revised, which eventually led Itipack and Logan to reach their desired solution.

### 98% Success Rate

Whether it's through consulting and sales, or development and engineering, Itipack works closely with customers to provide solution-focused results