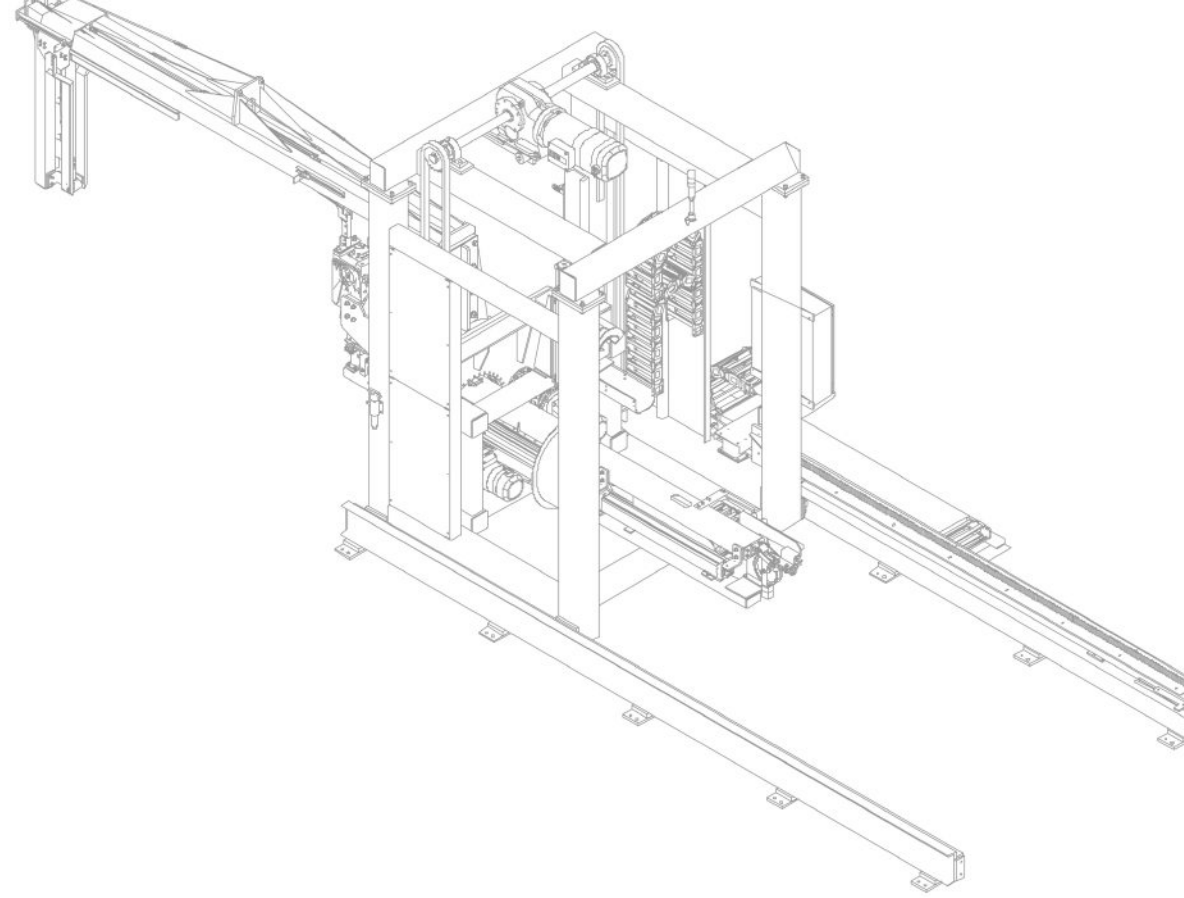
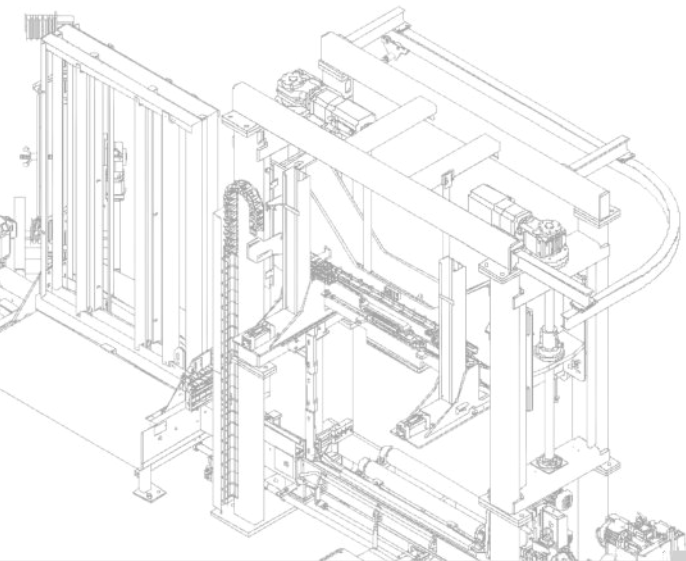




Advanced Strapping Technology for Steel & Aluminum

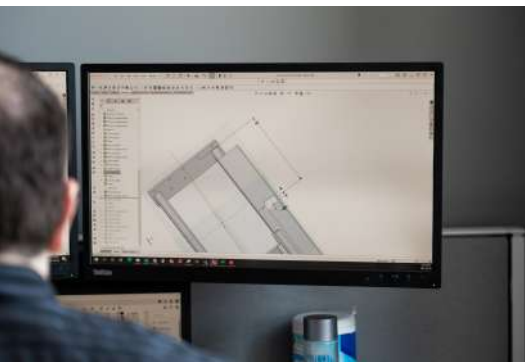


EFFICIENCY ENGINEERED



CONTENTS

- 04 — Company Overview
- 06 — Mission & Core Values
- 07 — Unique Customer Approach & Technologies
- 08 — Joint Types
- 09 — Steel & Aluminum Strapping Machines
- 14 — Case Studies
- 16 — Parts & Service
- 18 — Additional Information



OVERVIEW

Itipack Systems has been a world leader in integrated strapping systems since 1970 and was founded to provide advanced customized solutions to industries with specific and unique requirements. Our machines demonstrate our commitment to quality manufacturing, reliability, and long-lasting performance.



FAMILY OWNED



CANADIAN



FULL SERVICE



ADVANCED ENGINEERING



ADVANTAGES



Industry best pricing for strapping heads



48 hours parts turn-around



Discounted OEM Preventative Maintenance Contracts



25+ Years Of Cumulative Strapping Experience

CORE VALUES

Integrity

We will seek to do what is right in all we do, no matter what

Continuous Improvement

We are dedicated to continually improving ourselves, our people and the products we sell

Enjoyment

We want our people, our customers and supplier to experience happiness

Drive

Driven and motivated to take on any challenges

Commitment

We do what we say we are going to do

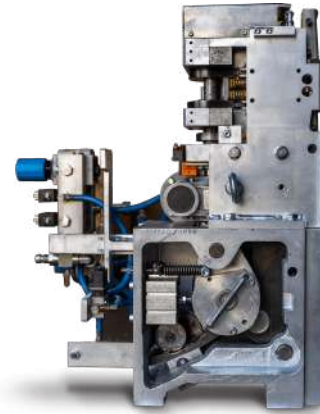
MISSION

A solutions-based manufacturing business that embraces integrity, continuous improvement, dedication and quality, as fundamental values of our business driving our company to provide superior solutions, products and services to suit our customer's needs.

UNIQUE CUSTOMER APPROACH & NEXT LEVEL TECHNOLOGIES

STRAPPING HEADS & REBUILDS

Our comprehensive head rebuild service includes complete disassembly, inspection, and ultrasonic cleaning of all interior and exterior components. With a well-stocked parts department and experienced technicians, rebuilds are processed within 2-4 weeks.



HMI & ELECTRICAL PANELS

Our technical team has experience with panel layout, power schematics, and PLC wiring. A well-designed, high-quality electrical panel is critical for the success of any automation project, and our in-house panel shop and programming team allows us to work closely with clients to deliver the highest quality result.

The panel can also be designed with secure internet access that allows our technical team to troubleshoot and provide analysis for ongoing preventative maintenance and training.



CUSTOM FUNCTIONALITY

We work with clients to design customized equipment to accommodate your current and future packaging challenges. Our in-house engineering staff are skilled at developing solutions to address difficult packaging applications while ensuring the machine delivers the productivity and reliability needed to maintain production.



JOINT TYPES

STEEL STRAPPING

We offer both TIG weld and Sealless "punch key" joint types. Sealless joints are 80% effective and TIG weld joints are 90% effective. Both systems provide excellent safety, are low maintenance and do not require mechanical seals.

POLYESTER STRAPPING

Heat seal technology is used to provide 95% joint efficiency. This compares very favourably to vibration weld systems, significantly reducing dust, contamination, and wear and tear on the machine.



STEEL & ALUMINUM LONG PRODUCTS



STRAPPING HEAD

Single or multiple strapping heads are located either on the machine's top, side or bottom.



MACHINE POSITIONING

Multiple positions including online, offline, maintenance position, and inline indexing.



HOT & COLD COILS

Shielding and heat rated components can be added to machines for use in hot applications



STRAP PLACEMENT

Capable of placing multiple straps.



VERSATILITY

Multiple machines are capable of working in tandem.



STEEL & ALUMINUM OD/CIRCUMFERENCIAL



HOT & COLD COILS

Shielding and heat rated components can be added for use with hot applications



STRAP PLACEMENT

Capable of placing multiple straps.



SWORD VERSATILITY

Movable sword allows for various custom applications.



MACHINE POSITIONING

Multiply positions, including online, offline, maintenance position, and inline indexing.



Collision Detection

Collision detection can be added to protect employees and assets.



STRAPPING HEAD

Single or multiple strapping heads located either on the top or side of the machine.



COIL ORIENTATION

Coils can be presented Eye parallel or perpendicular to travel.



STEEL & ALUMINUM SLIT COILS



PRODUCT

Both light and heavy duty options.



STRAP PLACEMENT

Provides multiple strap placements.



TURNTABLE CONVEYOR

- Heavy duty transport rollers
- Air bag lift system
- Precise strap placement with encoder



STEEL & ALUMINUM PUP COILS



HOT & COLD COILS

Shielding and heat rated components be added for use with hot applications



STRAP TACK VERSATILITY

Custom strap track movements allow for complete customization with unloading tables, hold-down devices & coil cars.



STRAPPING HEAD

Single or multiple strapping heads. Can come equipped with either steel or strapping head.



COIL ORIENTATION

Coils can be presented eye parallel or perpendicular to travel.



SAFETY

Human intervention is eliminated and repetitive motion injuries are reduced as employees are removed from confined spaces.



COLLISION DETECTION

Collision Detection included preventing impact with incorrectly clocked pup coils.



MACHINE POSITIONING

Multiple positions include online, offline, maintenance, and inline indexing.





STEEL & ALUMINUM ID/RADIAL



STRAPPING HEAD

Single or dual strapping head located either on the top or side of the machine.



HOT & COLD COILS

Ability to strap hot or cold coils.



STRAP PLACEMENT

Capable of placing multiple straps.



SWORD VERSATILITY

Movable sword allows for various custom applications.



MACHINE POSITIONING

Multiple positions including online, offline, maintenance position, and inline indexing.



COIL ORIENTATION

Coils can be presented eye parallel or perpendicular to travel.



COLLISION DETECTION

Collision detection can be added to protect employees and assets.





CASE STUDY 2023

PUP COIL BANDER

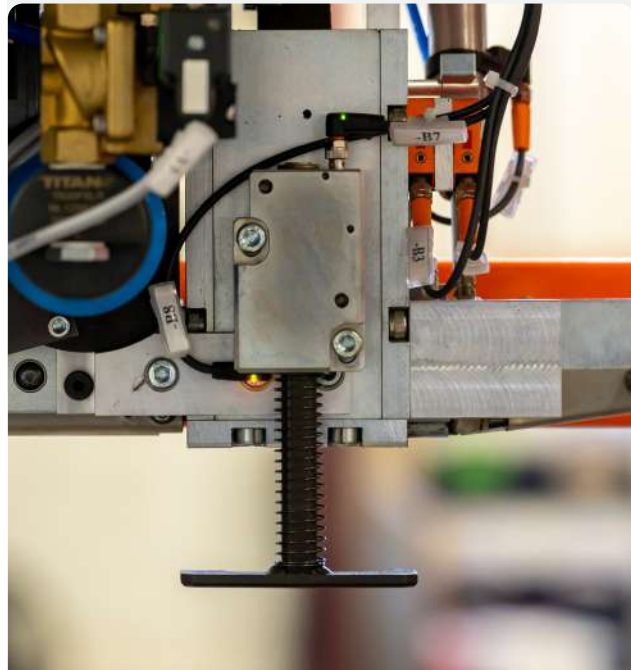
Logan Aluminum is the largest single-can sheet facility in North America, producing over 2 billion pounds of aluminum annually. The Kentucky-based aluminum company had a few major concerns with their pup coils and the safety hazard it brings to their workers.

OVERVIEW

After a thorough assessment with Itipack Systems, they went to work by incorporating a bander system that automatically bands and releases coils. This means no human interaction and less risk of injury.

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.

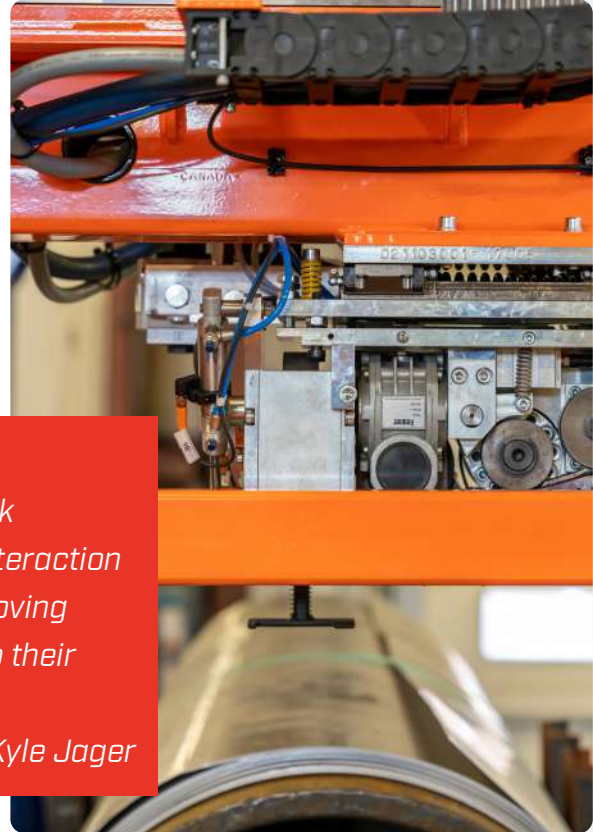


Prior to contacting Itipack Systems, Logan was unloading pups onto a landing table, then stepping onto the platform and manually hand-strapping the coils. Multiple safety concerns were raised in this operation such as a major falling hazard from standing on the table, a sharp hazard with the cuts from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

”

"Itipack's primary objective is to make work environments safe. By reducing human interaction and getting hands away from coils and moving parts, Itipack helps get employees back to their families at the end of a shift"

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

SOLUTION FOCUSED RESULTS

Decreased change over time by 83%

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

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

SERVICE LOCATIONS



SAN JUAN DE LOS LAGOS
3980 A MONTERREY, N.L,
MEXICO

919 ZELCO DRIVE,
BURLINGTON ON
L7L 4Y2, CANADA

VIA CAPOVILLA, 73,
36030 VILLAVERLA
VI, ITALY

Service available from:
Montreal, Burlington, Chicago,
Charlotte and Monterrey Mexico

SERVICE AT ITIPACK

Maintenance should be performed at appropriate intervals as an integral part of equipment performance.

Itipack has a network of service professionals throughout North America & Mexico. A proactive approach to trusted maintenance will ensure your automatic strapping system will have unexpected downtime.

Service Programs

We can tailor a service program to your specific needs using a comprehensive approach. We offer on-site repairs and emergency service to minimize downtime and keep your equipment running like new.

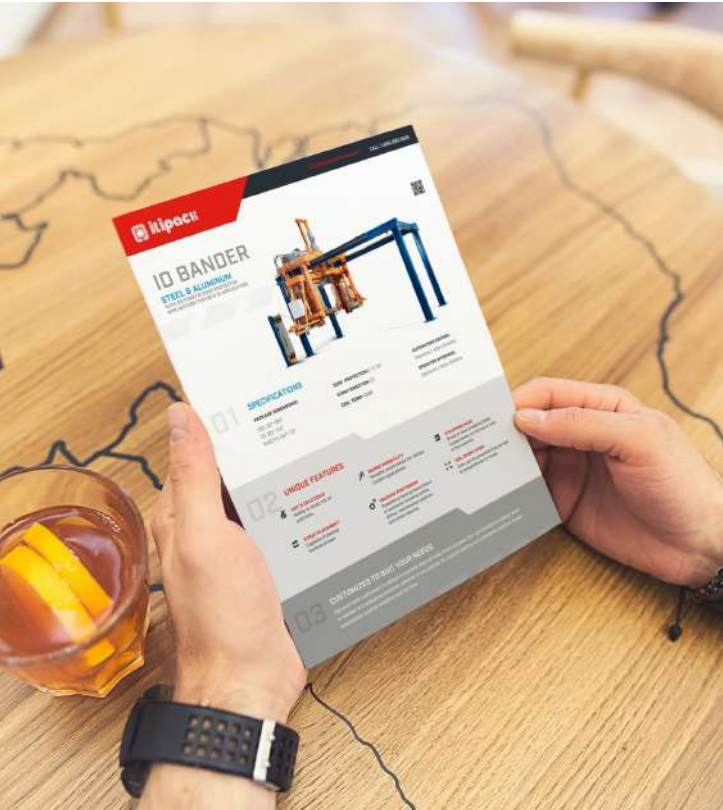
- Strapping Equipment Audit
- Strapping Head-Equipment Retrofit
- Equipment & Strapping Head Training
- Annual Preventative Maintenance Programs

Benefits

- Comprehensive Parts Inventory
- Fast Parts Delivery & Turn Around Time
- 4-6 weeks turnaround for rebuilds
- Preventative Maintenance with 30-Point Checklist
- Fast Phone Support



ADDITIONAL INFORMATION



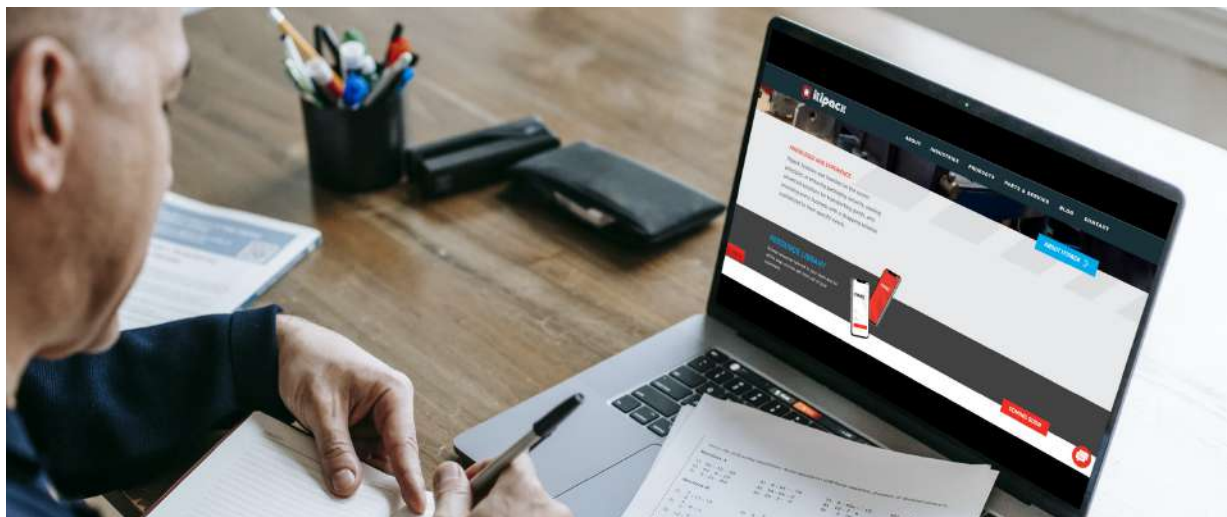
WHAT COMES WITH STRAPPING MACHINES

- Spare Parts Manual
- Operating Instructions
- Electrical schematic
- Itipack Systems Branded Mug + Card*
- Website Resource Library Access*

WEBSITE RESOURCE LIBRARY

Starting in 2023, we will launch "Resource Library," where you will be able to download and view the following:

- Strapping Heads & Service Booklet
- Company Overview
- Safety Features Sheet
- Industry Machine Sheets & PowerPoints
- Can & Glass Industries Booklet
- Videos and photo gallery
- Training PowerPoints and more



*Comes after strapping machine delivery

WE CARE ABOUT YOUR EXPERIENCE WITH US



FILL OUT THE SURVEY AND LEAVE YOUR FEEDBACK



The image features a solid, vibrant orange-red background. In the lower half, a curved, light-colored ledge or counter edge is visible, curving from the right towards the center. The lighting is soft, creating subtle gradients and shadows on the ledge. Centered in the upper half of the image is the text:

*Providing Rock Solid Equipment and
Solutions for the Heavy Industry*



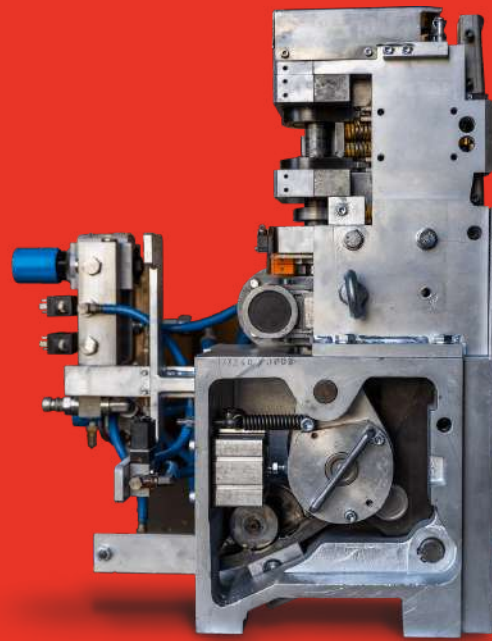
EFFICIENCY ENGINEERED

At itipack, we're passionate about innovating and solving complex problems through engineering. We love seeing our strapping machines contribute to a more efficient, reliable and safe environment.

ITIPACKSYSTEMS.COM



CONTACTS



Sales

905-220-0551

info@itipacksystems.com

Parts

289 - 277 - 6568 x 227

spareparts@itipacksystems.com

Service

289 - 276 - 7015 x 233

service@itipacksystems.com

www.itipacksystems.com

919 Zelco Dr, Burlington, L7L 4Y2



Contact Us On
The Website