



CASE STUDY 2023

A NEW DUAL HEAD SWAP

Louisiana Pacific Building Solutions engineers products that provide a safe place for people to call home while ensuring sustainable business operations for their employees and the planet. Today, Louisiana Pacific is continuously working toward the future of building by creating stronger, longer-lasting and more innovative products to stand the test of time.

OVERVIEW

LP Pacific Building Solutions is a major wood production company based in the United States. The company contacted Itipack Systems to start a research and development project on the basis of how to find a solution to remove their strapping heads safely, but also increasing time and efficiency.

CHALLENGE

The Louisiana-based company was looking to increase their production line efficiency with their Itipack side seal machines. Itipack Systems was able to work alongside LP's team to develop a new dual head swap system which sped up the changeovers of heads in less than 2 minutes. By incorporating this changeover, LP's employees can be certain their uptime targets are met, while ensuring the safety of each and every employee.



Itipack Systems was able to provide extensive support in developing a new dual-head swap system for LP's side seal machines.

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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

Efficient head change

With the incorporation of the new system, the change of heads can be completed in less than 2 minutes. The step-by-step process is simple with the pull of a pin and a swing of the head to re-feed the strap.

02

Effective Uptime targets

Not only was the time substantially reduced from 12 minutes to 2 minutes, but Itipack Systems were also able to ensure that LP could safely remove the head with the integration of an overhead crane and trolley system. This system aids in bringing the head across the machine, if necessary, and placed successfully on a trolley. Overall, the employees of Louisiana Pacific Building Solutions can now ensure their uptime targets are met without any safety discrepancies.

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