

Lantech[®]

CASE STUDY:

Cider producer enhances productivity and sustainability with automated packaging



The Q300XT easily handles our whole day's shipping, and we're saving enough money on film costs to pay for it in short order."

- Shipping Manager, Hard Apple Cider Producer



Who

From 2011 to 2013, U.S. hard cider production tripled, according to the Alcohol and Tobacco Tax and Trade Bureau. One prominent hard apple cider producer in the United States also experienced rapid growth because of the industry boom, with production volumes increasing from 50,000 to 500,000 cases annually. The expansion necessitated a reevaluation of their packaging processes to maintain efficiency and meet rising demand.



Problem

The company's original stretch wrapping method involved manual wrapping, which was time consuming and labor intensive. The process led to inconsistent wrap quality, increased material usage and potential product damage during transit. The inefficiencies highlighted the need for a more reliable and efficient packaging solution.



Solution

To address these challenges, the company implemented Lantech's Q300XT Stretch Wrapper, which is designed to handle various load sizes and shapes and ensures consistent and secure wrapping. The XT Cut and Clamp® system automatically cuts and secures the film at the end of the wrap cycle, reducing the need for operator intervention.

900% increase in case production

Annual production grew from 50,000 to 500,000 cases.





Benefits

- **Increased throughput** – The Q300XT's efficient operation allowed the company to wrap loads more quickly, keeping pace with their increased production demands.
- **Reduced labor costs** – Automation of the wrapping process minimized manual labor, allowing staff to focus on other critical tasks within the production line.
- **Consistent wrap quality** – The machine ensured uniform application of stretch film, enhancing load stability and reducing the risk of product damage during transportation.
- **Material savings** – The Q300XT's film delivery system optimized film usage, leading to significant reductions in packaging material costs.

DID YOU KNOW

The Q300XT's patented XT Cut and Clamp can save your forklift driver up to **2 minutes of labor per load?**



An average customer saves about \$50,000 in labor costs over the course of 5 years when using a stretch wrapper with the XT Cut & Clamp.



Results

By integrating the Q300XT Stretch Wrapper, the cider producer achieved a more efficient and reliable packaging process. The automation led to labor savings, improved wrap consistency, and reduced material usage, contributing to overall operational efficiency.



[Click here to learn more about the XT Cut and Clamp](#)

Lantech®

www.lantech.com

About Us

In 1972 Lantech made an impact on the world by inventing the stretch wrapper and changing the way companies package and protect their products for shipment. Now, billions of pallet loads are stretch wrapped every year. Today we build a full line of case and tray handling, stretch wrapping, and pallet conveying equipment, with manufacturing facilities in the United States and the Netherlands, and sales and technical support worldwide. Over the years our business has been built on innovation, customer support and the mission to dramatically reduce shipping damage globally.

For more information on our automation solutions, visit www.lantech.com or click one of the links below.

[STRETCH WRAPPERS](#)

[CASE & TRAY HANDLING](#)

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