



Case Study

HEALTHCARE INDUSTRY

Making the Switch from
Hand-Erecting Cases to Automation

Benefits

Consistent Performance:

Lantech's case erectors are designed with key components that make up the Total Control System, such as Blank Separation and Square Case Delivery systems, Stationary Flap Folders and Spring-Loaded Side Belts, all of which provide 100% precise control through the entire case erecting process, giving you perfectly formed cases every time without jamming.

Ease of Operation:

Lantech case erectors are designed with features such as the Ergonomic Blank Loading System making the machine easy to load, and its walk-in design allows operators to reload cases while the machine operates. Also, the easy to read change over scales make adjustments for new case sizes quick and easy.



Who:

In 2013, a multinational healthcare products company went looking for packaging solutions for a new product line. With nearly a 90% market share of hospital supplies in the US and a strong presence in 45 other countries, the company was allocating 33 employees – spread over three shifts within 24-hours-to hand-erect 81,000 cases per day to keep up with their shipments. Their primary goals for the new packaging line were to reduce operating costs and eliminate ergonomic safety risks by switching to automation.



The Solution:

To realize their goals, the company turned to Optima Nonwovens, a trusted systems partner of Lantech. Optima created an automated packaging line solution, which included a Lantech C2000 case erector and CS1000 case sealer that would replace the hand erecting process in place at the time.

According to the Engineering Manager at the healthcare products company, the **consistent performance** and **ease of operation** of Lantech's machines led them to purchase nine more Lantech C2000 case erectors to add to existing packaging lines, and they duplicated the original automated packaging solution for another new product line in 2017.



The Results:

By adding the Lantech case erectors and sealers to eleven packaging lines, the company has reduced their operating costs by an estimated **\$750,000 per year**. Introducing automation also eliminated the ergonomic risks caused by the repetitive motions involved in the hand-erecting process.



The Engineering Manager had this to say about Lantech case equipment -

"We have years of experience with other automated case erecting and loading equipment and the Lantech machines beat them all with reliability, simplicity and cost. Once we installed the first one, the choice for the next machine was an easy one."



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CASE CALCULATOR

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by hand erecting annually.

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