

Automated Loose Fill System and
RENATURE® Loose Fill
Production and distribution of kitchenware

AUTOMATED PROCESSES FOR SUSTAINABLE PRODUCT PROTECTION



Cookware is an essential item in every household. One major US manufacturer ships an average of 15,000 boxes a day. With this much volume, productivity is key. The company had already made steps to automate, but to further increase productivity they wanted to automate the last hundred feet of their shipping process.

PRODUCTS: Kitchenware
SCOPE: Automated Loose Fill System and
RENATURE® Loose Fill
TOTAL OUTPUT: 15,000 packages a day

15,000
boxes a day

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SUSTAINABILITY

CHALLENGE - AUTOMATED AND COMPOSTABLE* PACKAGING

The customer was currently using air pillows fed from four overhead bins across four pack lines. The goal was to automate this process and replace the air pillows with a plant-based solution.

The customer's executive team had been pursuing automated solutions for some time. They had already automated several processes. They aimed to increase productivity, reduce labor costs, and reduce damage rate with a sustainable solution.



PERFECT PROTECTIVE PACKAGING

* compostable in a properly managed industrial compost facility

SOLUTION - AUTOMATED LOOSE FILL SYSTEM AND RENATURE®

Storopack introduced the customer to its Automated Loose Fill System in combination with RENATURE® packaging peanuts. This automated solution with plant-based packaging material meets the customer's goal of sustainability perfectly. RENATURE® loose fill provides the blocking and bracing as well as void fill that the customer requires for its packaging needs.

AUTOMATED LOOSE FILL SYSTEM

Storopack Automated Loose Fill System first dispenses a layer of loose fill into each box which is put together by an automated box erector. The box then continues through the line where the product is placed in the box. Storopack's system then measures the void in the box and dispenses the necessary amount of loose fill peanuts. A packer then closes the lid and puts the box through an automatic taper. This entire process requires only two human touches: placing the product in the box and closing the box.

RESULT - SAVINGS THANKS TO AUTOMATION

The automated solution offers several great benefits to the kitchenware manufacturer: The labor savings are calculated at a total of 88% per year averaged across the next five years. Additionally, a cost reduction of 12% yearly can be expected over the same time frame. Productivity also improved and increased by 10%. Customers are especially happy due to the plant-based, industrially compostable packaging material.



88%

LABOR SAVINGS*

*over the next five years

STOROPACK - PERFECT PROTECTIVE PACKAGING

Wherever in the world you send your products, we want them to be well protected while in transit.

ALL BASES COVERED

We at Storopack would like to offer our customers the very best, which is why we set great store by the ability to listen, comprehensive consulting, and long-term services across all sectors. Our products and solutions are tailored specifically to your requirements. We support you until you achieve the ideal results and even beyond – locally around the world.

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