

## CASE STUDY

### SEALED AIR® Brand I-Pack® Void Reduction System

#### Executive Summary

##### INDUSTRY:

E-commerce – personal care, hardware, clothing

##### CHALLENGE:

Deliver an automated packaging solution that can provide both high speeds and precision packaging.

##### SOLUTION:

SEALED AIR® Brand I-Pack® Void Reduction System

##### KEY RESULTS:

Produces high quality, easy to open packages at high speed

Packages 400 – 900 boxes per hour

Productivity in picking and packing has doubled

##### REGION:

EMEA

#### SUMMARY

Leading Finnish logistics services provider Inex Partners Oy has collaborated with SEE to enhance packaging automation, as part of its strategy to further improve efficiencies, customer satisfaction and capacity for managing sales peaks.

#### CUSTOMER FEEDBACK

*“It’s our responsibility to process E-Commerce orders quickly, efficiently, and effectively, so that customers receive them on time and in perfect condition. SEE understands this and specified a solution that produces high-quality, easy-to-open packages at high speed, and which can effectively deal with spikes in sales and customer orders.”*

#### PRODUCT FEATURES

- 100% corrugated packaging
- Calculates product dimensions to rightsize packaging
- Eliminates unnecessary voids
- Packaging is easy to open and return

### CHALLENGE

- Inex handles fulfilment and distribution of E-Commerce orders for one of Finland's largest retailers. The logistics company picks, packs and sends a variety of products from its distribution centre in Sipoo, Finland to consumers across the country
- A high volume of products - ranging in size, shape and weight - from clothing through to personal care items and hardware, are sold through the retailer's E-Commerce channel.
- Varying product weights and dimensions can lead to overpackaging and wasted space in boxes
- This can also increase operating costs and cause packaging inconsistencies
- This is unsustainable and can negatively impact end-customer satisfaction.

### SOLUTION & RESULTS



- To achieve Inex's goal, SEE specified its I-Pack® Void Reduction System. The automated solution has been specifically designed for high-volume E-Commerce fulfilment, where packaging efficiency, speed and protection are crucial
  - I-Pack® technology has been developed to optimise fulfilment and packaging processes by automatically adjusting pack sizes. The automated system calculates product dimensions to rightsize, fold, close and seal corrugated boxes according to the exact size of what is being packaged
- Unnecessary voids in boxes are eliminated, which reduces packaging material usage and overpackaging. As well as delivering cost savings on excessive packaging, this can also reduce transportation costs and carbon emissions, because more customer orders can be loaded per delivery vehicle
- I-Pack® uses a mechanical sensor plate to process boxes, and depending on size, can package between 400 to 900 boxes per hour. The automated packaging solution also sizes and folds boxes using no knife technology to reduce potential hazards for operators and to lower the total cost of ownership for Inex
- The new solution produces high-quality, easy-to-open packages at high speed, and which can effectively deal with spikes in sales and customer orders
- Moving to packaging automation has doubled productivity in picking and packing