

# HOW THE PACJACKET AUTOMATED PACKAGING SYSTEM IS HELPING A LEADING UK RETAILER TO MEET DEMAND IN CHALLENGING TIMES

## THE CHALLENGE

The company had invested heavily in carton automation over the years but the packing of smaller items, mainly into padded mailing bags, was still a manual operation.

On average, a packer is able to pack 1.5 bags per minute, however, with demand during peak increasing to over 40,000 bags a day, the number of full-time employees would need to rise to 19 during this period. As well as bringing with it the challenges associated with engaging and training temporary workers, increased staffing levels would also pose a safety challenge during a time when social distancing measures are in place.

## THE ANTALIS SOLUTION

PACjacket automated packaging system - the ultimate smart automated packaging system designed to create on-demand bubble mailers for high volume e-commerce applications.

### THE CLIENT

A leading British retailer

### PROJECT CLASSIFICATION

> Efficiency

### PROJECT OVERVIEW

A time and labour saving packaging automation solution to help a busy retailer meet rise in demand for online ordering.

**SMART  
PACKAGING  
SOLUTIONS**antalis TM

## THE PROCESS


Antalis is European distributor of the PACjacket system from PAC Worldwide. The client enquiry was received prior to the Covid-19 pandemic, however, the temporary closure of physical stores as a result of lockdown restrictions, accelerated the client's decision to purchase the machine.


The machine was installed by a team made up of an engineer from PAC Worldwide and two engineers from the Antalis Machinery team. Ongoing service and maintenance will be handled by the Antalis team.


## THE SUMMARY


CHALLENGE	GOAL	SOLUTION	BENEFIT
Packing speed	Increase packing efficiency to cope with rise in demand for online order fulfilment	PACjacket automated packaging system, a high speed, on-demand bubble mailer system	<ul style="list-style-type: none"> <li>• Produces up to 20 bags per minute</li> <li>• One full-time employee can handle over 60% of the peak volumes, reducing risk and problems associated with staff social distancing</li> <li>• Adjusts bag size in line with contents</li> <li>• Integrated applicator applies shipping labels directly to the bag</li> <li>• Manufactured from recycled material</li> <li>• Material can be branded</li> <li>• Reduced pack cost when compared to cartons</li> <li>• Reduced shipping costs when compared to cartons</li> </ul>

## ADVANTAGES OF THE SOLUTION


**EFFICIENCY**  
 Produce up to 20 bags per minute


**COST-SAVING**  
 Reduces need for labour  
  
 Reduced pack and shipping cost compared to cartons


**ENVIRONMENTAL**  
 Bag made from recycled material and can be recycled  
  
 Reduction in material waste


**HEALTH AND SAFETY**  
 Enables staffing levels to be kept low thereby facilitating social distancing measures



**Stuart Bates, Solutions Sales Manager**

“ This project is a great example of how packaging automation can speed up the packing process. Over the course of the pandemic, shoppers have been forced online to buy all manner of goods, and often in small order sizes, which can be a challenge to pack and ship in a timely manner. Even operations that already managed high volumes prior to the pandemic are facing significant challenges to meet demand. The Pacjacket system is an investment worth serious consideration for high-volume e-commerce businesses. ”



To find out more, visit [www.antalis.co.uk](http://www.antalis.co.uk) or call 0370 241 1466