

Efficient, Eco-Conscious Auto-Boxing.



“ The two CVP’s were installed in August 2018 and in the first month of operation, they produced over 50,000 fit-to-size parcels. In terms of shipping volume, our calculations indicate that the two machines will offer a reduction of 92 truck loads a year.

- ADAM HALL, HEAD OF SUSTAINABILITY AT INTERNET FUSION GROUP ”

REQUIREMENTS

- Boost sustainability by minimizing parcel packaging carbon footprint
- Decrease dimensional shipping volume of each parcel
- Free-up manual labor resources

CHALLENGE

Internet Fusion Group (IFG) is a UK-based fast-growing online retailer with a portfolio of niche brands specializing in life-style sporting goods apparel and products. Established in 2006 with rapid growth through acquisition, the brand has made it their mission to make business simple and sustainable, focusing heavily on their 146,000 sq. ft. distribution warehouse in Kettering.

The problem IFG faced was similar to that of most businesses, which is manually packing high volumes of corrugate boxes. The process required multiple packing stations with numerous staff and a wide range of box sizes for packers to choose from. However, like most packing operations, the match is often far from exact and void fill is usually needed to secure the goods.

Pursuing its quest for green-efficiency, Adam Hall, head of sustainability at IFG required an updated parcel packaging process that would accelerate throughput and lessen their environmental impact. He knew he needed an auto-boxing machine that could box thousands of custom-sized single- or multi-item orders a day with less labor and materials.

SOLUTION

Hall found the CVP Automated Packaging Solution, an in-line auto-boxer that measures, constructs, tapes, weighs and labels each order every seven seconds while creating a custom-fit parcel using only one operator.

“We are very much front runners on sustainability and productivity,” said Hall. “Across the group, our packaging is now 91% plastic-free and next year, that figure will look even better.”



Before, IFG had a series of pack benches with cardboard boxes, gum tape and 100% recycled paper void filling. With the CVP, IFG can now auto-box over 50,000 parcels a month, saving on labor, shipping and material costs.

“The first rule of sustainability is reduce, and when you reduce, you save money as well. The CVP weighs and scans every product(s) for size. We are able to build a data base of physical aspects of each product to use when approaching carriers, or even

when determining where products should be placed in the warehouse to gain efficiencies,” said Hall.

INTERNET FUSION’S BENEFITS

When Internet Fusion Group added an automated packaging solution to their fulfillment process, they saw:

- Over 11,000 m³ (39k ft³) of corrugate saved annually
- Reduction of 92 truck loads a year due to a decrease in dimensional shipping volume
- No void fill required for 80% of their product range