

# 85tonnes Reduction In Single Use Plastics and 63% cost reduction with zero capex outlay - Sustainability with Samson Pallet Stability

## Client Profile

**Industry:** UK Manufacturing Plant (high value SKUs yet easily crushable goods)

## The Challenge

The client was using in excess of 100tonnes of stretch film per year at one of their UK sites. They have been looking for a cost effective and more sustainable solution, without compromising load integrity for several years. Having trialled several pallet wrapping solutions over this timeframe, products have been badly crushed or not sufficiently held to the pallet. Goods have either fallen in transit or become damaged with crushing, at a high cost to the client, as the goods are not able to be reworked.

## The Safe Solution and Recommendations

The 'Please Help' challenge was accepted by the Samson Nano team who went hard to work on selecting the correct combination to tick all the boxes. By adopting a 750mm carriage and HP film, applying variable tensions in just the right places throughout the cycle, adjusted to suit each different product, Samson Pallet Stability were able to deliver a win win solution.

## Savings

The Samson Nano solution resulted in an 86% reduction in stretch film, equating to just over 85 tonnes of film; a staggering CO2 saving of over 223 tonnes\* per year. The client also achieved a financial saving of 69% per year with several capex free, fully maintained machines, performing wrap after wrap and pro-actively monitored with Samson Nano Live. The pallets are much safer in transit, not being crushed and our clients customer feedback has been incredible. The client doesn't need to plan, order, offload or store 100 tonnes of film per year, so the hidden costs of a fully managed system plus financial savings make the solution a no brainer.



## Client Feedback

**We will roll Samson Nano to our other UK sites. We have been promised financial and CO2 savings on paper by other companies in the past, but only Samson Pallet Stability have ever delivered on that promise. Using testing equipment and a range of films for each of our lines gave us a tailored solution, not a one size fits all approach that we had previously seen. The 750mm carriage is a gamechanger, as it's perfect for our pallet style.**

**We are so delighted with the results that we are also working with Samson Pallet Stability on another new project, where we know we can achieve a similar result using their expertise and experience.**

**The reduction in plastics on this site alone, has ensured we hit important targets as part of our Group Sustainability goals.**