

## AN INVENTIVE **HIGH PERFORMANCE** RING WRAPPER...

Gordian Strapping has recently provided a system solution for PinguinLutosa – the integration of an automatic pallet ring wrapper into their packaging line facility at Kings Lynn which overcomes the costly issue of loose film tails and potential rejection by automated warehousing systems.

PinguinLutosa, a leader within the frozen vegetable processing market place in the UK boasts some of the best packing facilities of their kind in Europe with automated packing lines capable of delivering a vast range of flexible packing solutions.

The Kings Lynn site is a state of the art production and packing site which has had major ongoing investment in recent years and has the capacity to produce over 120,000 tonnes of product every year.



## BACKGROUND

As part of the upgrading and automation of the packaging line facility in Kings Lynn, a direct replacement for an old rotating arm stretch wrapper was required to integrate into an existing conveyor system. A solution was required that could match the physical dimensions of the old machine, was compatible with the existing conveyor and safety systems and most critically, could overcome the costly issue of loose film tails and potential rejection by automated warehousing systems.

Also crucial was timing. Removal of the old existing equipment and the installation and commissioning of a new system needed to be completed within a minimum timeframe and strict operational criteria to ensure minimum interruption to production, paramount when dealing with the processing and freezing of fresh vegetable produce.

## THE SYSTEM SOLUTION

PinguinLutosa had previously installed a Sirio Ring Wrapper product at one of their sites in Belgium and had contacted Certis who recommended Gordian Strapping.

Gordian Strapping's Sales and Engineering teams got to work. A presentation to key personnel from PinguinLutosa's Engineering and Production teams convinced them of the combined merits of the Sirio product and Gordian Strapping's ability to specify, supply and install the equipment to a tight timescale. Aftercare engineering support was also a major factor in their decision process.

PinguinLutosa considered many factors in choosing their system solution:

### Credibility

Gordian Strapping has over 70 years experience with a skilled and knowledgeable nationwide Sales and Service team to provide expert advice and essential UK based aftercare engineering support.

### Rapid Installation

Gordian Strapping were able to ensure that the removal of the old existing equipment and the installation and commissioning of the Sirio ring wrapper was completed within the weekend window of opportunity to ensure interruption to production was kept to an absolute minimum.

## SIRIO SPECIFICATION:

The Sirio offers many outstanding features to provide the combination of high performance of up to 100 pallets per hour, low maintenance and a long working life.

### These include:

- Patented film clamping, cutting and fixing unit using the 'Tuck Under' system that eliminates the risk of loose film ends becoming detached. This is a major problem associated with film hot weld systems particularly in cold store environments that can result in costly rejection of pallet loads by end user customers.
- High Speed ring is robust steel design and belt driven that provides ultra reliable performance with none of the high maintenance and replacement costs associated with carbon composite ring designs
- Patented Film Pre Stretch Carriage unit is driven by the movement of the external ring and guarantees consistent high film pre-stretch ratio for maximum economy and performance without the use of additional motors or electrical contact through slip rings associated with most competitor machines. Maximum reliability and minimum maintenance.
- Design and construction allow easy installation into the existing conveyor system. (Essential with limited time scale for installation)
- Fully programmable equipment parameters allow for optimum performance settings for current and future pack and production requirements.

*"Timing and quality are important strategic subjects in the PinguinLutosa quality policy. This end of line solution is key for high speed and high volume food processing"*

PETER OHMS,  
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### For further information

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