Endload Packaging Line for Frozen Meals

SYNTEGON
PROCESSING & PACKAGING

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Our customer is a Tier 1 frozen food processor who has been loyal to Kliklok for close to 30 years. When they expanded their production facilities, they upgraded the capabilities of their Celox cartoning line, and doubled production by adding the Enterprise line.

Joe Larkin, Technical Sales Manager
Secondary Packaging at Syntegon

CHALLENGE

The customer is a co-manufacturer specializing in frozen foods in microwaveable trays. One **challenge** was to provide a system capable of handling **19 unique SKUs** that needed to be turned 90° before loading. A second challenge was the multiple sizes of semi-rigid paper trays, which can flex and distort with some turning methods.
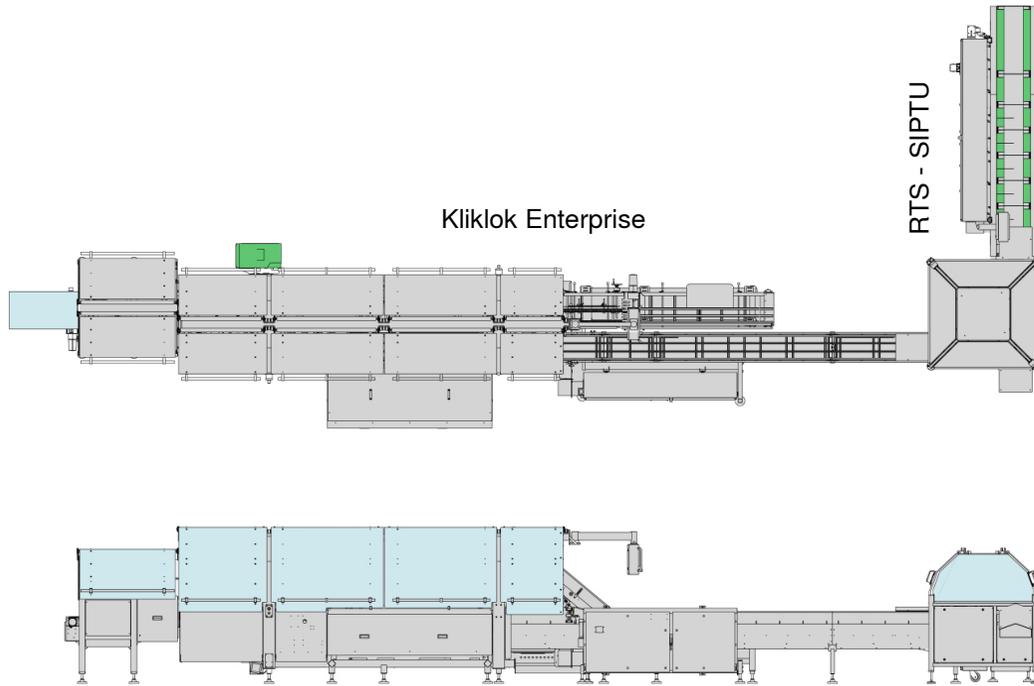
SOLUTION

The Kliklok Enterprise and the RTS-SIPTU were chosen for the speed of the application, and the capability of turning products 90° without flexing or distorting the semi-rigid paper trays, plus the ability to handle the wide variety of future SKUs with minimal downtime, thanks to fast changeovers. The initial scope included a paper tray.

BENEFITS

☐ High speed (up to 325 cpm), high OEE

☐ Gentle handling: ideal for delicate products

☐ Format range: from small to large cartons

☐ Future proof: high pack style flexibility

☐ High efficiency: easy and quick format changes

☐ Flexible layout: easy to integrate

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Kliklok Enterprise

RTS - SIPTU

PROJECT

Our customer is a co-manufacturer and co-packer and needed to expand production. This system complements another Kliklok high-speed cartoning line that had been in service for a few years. The customer had ordered, just prior to this, an RTS-SIPTU system to upgrade that existing line. The cartoner has been in operation for more than five years and the customer is quite satisfied with its performance, reliability, and ease of changeover and maintenance.

PRODUCTS

Specifications:

Frozen entrée in 8" x 5" x 1.5" tray @ 250 cpm

Plus 18 other SKUs of similar size @ 250 cpm.

One Kliklok Enterprise endload cartoner with an RTS-SIPTU product timing and reorientation unit.

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Joe Larkin

Kliklok LLC, A Syntegon Company
+1(470)273-7441
joe.larkin@syntegon.com
www.syntegon.com/2P

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