

PP1LB-K400 - Optimized 1 Pound loaf tray

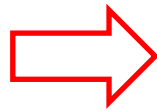


PREVIOUS TRAYS STACK ON THE PAD VERSUS THE SIDEWALLS LEADING TO UNSTABLE STACKS

Engineering the Right Tray

Commodore's Redesigned 1LB Tray Brings Improved Operational Efficiency

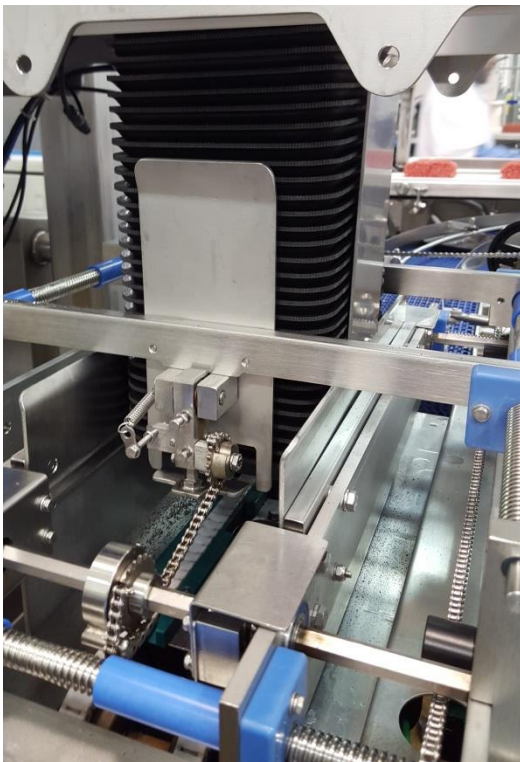
Previous 1LB trays stack on the pad versus the sidewalls of the tray. This had a negative impact on operational efficiency. First off, stacks were uneven on infeed conveyors resulting in more time spent loading and tending to conveyors. Stacks would not nest properly causing jam ups like the one seen below.



Increased Line Speeds
(76 TPM -> 104 TPM)
With less operator reloading of conveyor



Decreased Rework & Waste
(23% Less Recorded Downtime due to "Double Tray" or denester Jamming)



During the initial fit assessment, several areas were identified for improvement. The costliest pain point was with the 1LB tray runability



Working with our customer, Commodore was able to identify, investigate, and implement a solution to improve operational efficiencies.

Problem:

Customer's former 1LB tray caused problems for production. These problems were costing the customer time & money.

- Poor stacking
- Denester jams
- Excess rework
- Waste
- Unnecessary labor

Commodore Solution:

Utilize our resources to design a solution to these problems. We found competitor's 1LB trays were stacking on the pad causing unstable stacks. We redesigned this tray to stack on the sidewall thus improving stack stability.

Designed for Stack Stability

The Previous 1LB cannot stack at the above height

