

6-Pocket Indexing Rotary Filler

Problem:

A major Fresh and Frozen Foods customer had an existing Pot Pie line that indexed (6) pockets per cycle. They wanted to add another ingredient to the product. The existing "Volumetric Filling" lines had product that was distributed by a scale system into each pocket, however, there was no more room for another scale system for the additional ingredient. The customer needed an automated filling machine that was more compact.

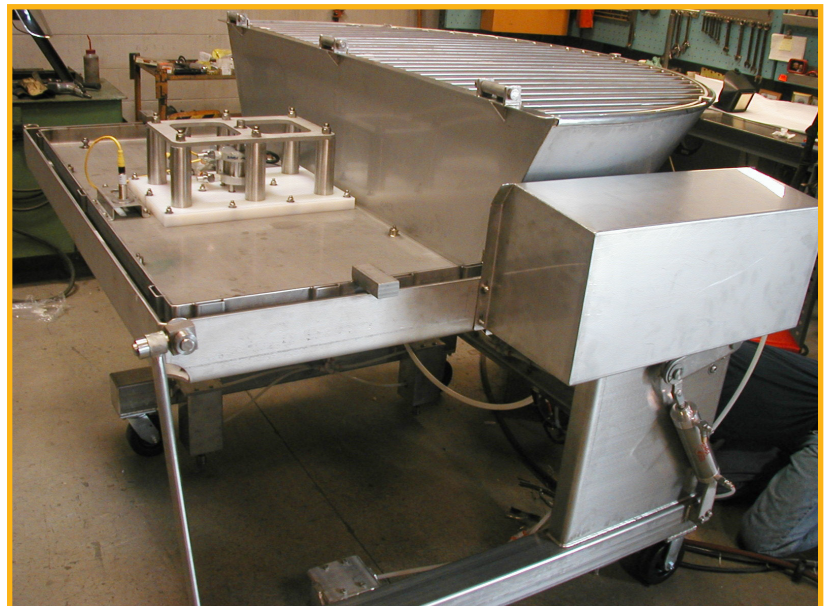
- *Limited Floor Space*
- *Quality of weight per pocket needed to be more accurate than hand loading*
- *Cycle time on hand loading operations was too slow*
- *Manual labor would be too costly with manual loading of pockets*
- *Needed finite adjustment to weights in pockets*



Solution:

Millard Mfg Corp designed, built, and installed a 6-Pocket Indexing Rotary Filler machine that could stop and start with existing production lines every (4) seconds.

- *Food Safety: "In-House" Passivation for Sanitary durability*
- *Sanitary Wash-Down Duty for Easy Cleaning operations*
- *Safety Guarding of machine*
- *Automated volumetric filling*
- *(4) Second cycle depositing (6) pockets of food per cycle*
- *Servo Drive system*
- *Auger integrated into hopper to circulate product and prevent bridging*
- *Heavy Duty Stainless Steel Construction*



Results:

- *Significant initial cost savings over an additional scale system*
- *Production capacity equivalent to a manual (4) person line*
- *Provided accurate adjustment for food weight depositing (+/- 4 grams)*