

Proven Performance in Every Packaging Changeover

VII

SEPTIMATECH
GROUP INC.

Extra Large Bottle Challenge

Customer Challenge

A Customer was required to run a very large container on a machine which is too small to fit the container. The pitch diameter of the stars is too small to accommodate this very large container. Adding to the challenge, the bottles were very rectangular in shape and due to their size, a Feed Screw could not be used to separate the bottles.

About the Customer

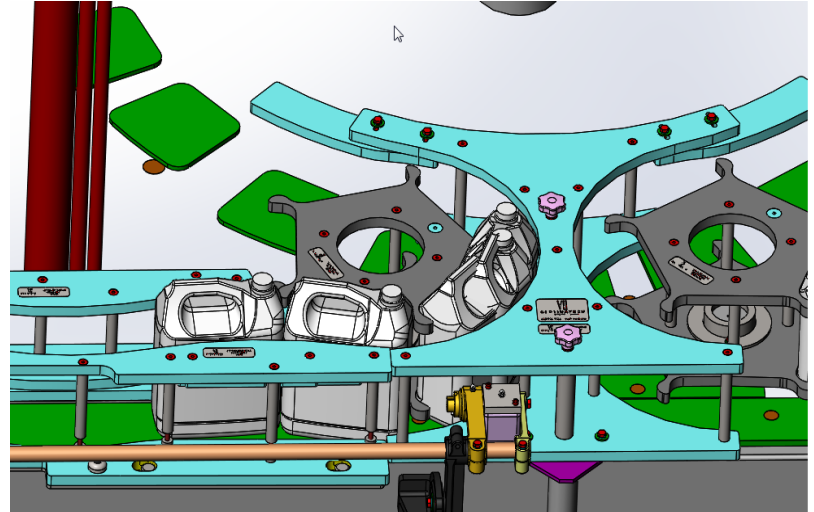
The Customer is a well-known medium sized manufacturer of industrial cleaning products. They package a wide variety of containers in an array of shapes and sizes and were unable to transfer this production to another machine in their plant.

Solution

Septimatech developed a Wavy Guide Infeed System to generate the required container separation, for repeatable feeding into the infeed star. The infeed star and guide pitch diameters were modified, to create a star wheel pocket to feed the container onto the filler by an oversized pitch diameter, with an unique guide extension being added to the machine, to align the containers back onto the machines nominal filler pitch for filling. The same solution was repeated for the discharge star and guide assembly.

Results

Our Customer was able to utilize their existing machine to package this container, eliminating the concern of transferring the production to another packaging plant or out-sourcing the business to a co-packer.



Reliable Performance in Every Change

Septimatech delivers productivity improvements for packaging lines and machines worldwide by:

- making changeovers more efficient
- simplifying operations
- improving ergonomics
- increasing precision, accuracy and repeatability
- enhancing line and machine flexibility.

Septimatech removes obstacles to optimum performance and replaces them with faster, intuitive solutions and processes. We save our Customers time and money every day with:

- faster changeovers
- repeatable performance
- higher throughput
- reduced labor
- increased uptime
- improved product handling.