

**APPLICATION SOLUTION: Cheese - Volumetric Filling**



**Product Family:** Electric  
**Product Used:** RSH25 Hygienic Electric Actuator  
**Product Type:** Standard

**Application Requirements**  
**Force required:** 800 lbf.  
**Stroke:** 11 in.  
**Cycle time:** 2 sec.

**Application Description:**

For their high quality bench top filling equipment this manufacturer wanted a hygienic, accurate actuator to insure an easy-to-use customer solution.

**Challenge:**

A manufacturer of filling lines, cup machines and conveyors for the food industry wanted to replace pneumatic cylinders with a hygienic electric actuator.

**Tolomatic Solution:**

RSH25 hygienic electric actuators were used with the ball screw/nut combination and IP69K option. The RSH actuator was able to achieve greater filling accuracy and the use of the ball nut enabled faster speeds than the previous pneumatic system could provide. The elimination of pneumatics created a more energy efficient system with fewer components.

**Customer Benefit:**

- Greater filling accuracy
- Faster cycle time than previous pneumatic system
- USDA approved hygienic design actuator with IP69K rating
- More energy efficient than previous pneumatic system
- Cost-effective solution with fast delivery