

**APPLICATION SOLUTION: Cheese Production**



**Product Family:** Electric  
**Product Used:** ERD25 Rod-Style Electric Actuator  
**Product Type:** Modified Standard

**Application Requirements**  
**Stroke:** 43 Inches  
**Speed:** 3 in/sec  
**Force:** 300 lbf  
**Orientation:** Vertical

**Application Description:**

Pressing cheese blocks from molds.

**Challenge:**

A cheese producer was looking for an electric actuator to press out cheese blocks from formed molds. The actuator needed to withstand high-pressure, high-temperature caustic wash down procedures and offer a hygienic design to conform to the facilities production standards.

**Tolomatic Solution:**

Tolomatic provided an ERD25 electric rod actuator with a hygienic all stainless steel design approved by the USDA for use in meat (livestock), poultry and dairy processing applications. The IP69K rated actuator was provided with a longer than standard stroke in order to release cheese blocks from the larger molds.

**Customer Benefit:**

- Actuator delivered hygienic performance, while subjected to vigorous wash down procedures
- No need for expensive actuator guarding
- Reduced machine costs
- Reduced cleaning time