

**APPLICATION SOLUTION: Bulk Meat Chilling**



**Product Family:** Electric

**Product Used:** ERD15 w/ SS2 option, ACS

**Product Type:** Standard

**Application Requirements:**

**Stroke:** 6 inches

**Application Description:**

Direct meat product to evenly fill bulk containers.

**Challenge:**

An OEM (Original Equipment Manufacturer) of bulk product chilling equipment needed a hygienic electric actuator solution on a new design of equipment intended for USDA certification. The actuators needed to direct meat product in a bulk container evenly as the product came down the conveyor. The actuators will work together to form a XY motion plane.

**Tolomatic Solution:**

An all stainless steel ERD15 electric cylinder with protective motor enclosure and ACS (Actuator Control Solution) drive was chosen to provide the customer with infinite positioning capability. The smooth, round bodied stainless steel construction of the ERD15 is a very hygienic design. The SS2 option for the ERD15 protects the motor in a stainless enclosure. Assembled, the ERD15 with SS2 option provides protection from frequent wash down cleanings. The ACS with analog position mode allowed the OEM to easily integrate the control with the existing PLC.

**Customer Benefit:**

- Received USDA certification
- Flexible operation with infinite positions allowed for even bulk fill