

APPLICATION SOLUTION: Bulk Meat Chilling



Product Family: Electric
Product Used: ERD15 w/ SS2 option
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 ERD15 actuator w/ SS2 option and a JVL drive were 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 all stainless steel ERD15SS2 electric cylinder houses the motor within an enclosure which protects the motor from moisture during the frequent wash-down cleaning of the equipment. The JVL drive analog position mode allowed the OEM to easily integrate with the existing PLC.

Customer Benefit:

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