

**APPLICATION SOLUTION: Meat Slicing**



**Product Family:** Electric

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

**Product Type:** Standard

**Application Requirements:**

**Stroke:** 2 inches

**Application Description:**

Meat slicing blade adjustment.

**Challenge:**

An OEM (Original Equipment Manufacturer) of meat processing equipment needed a solution to position the cutting blade with infinite positioning capability. The customer had been utilizing manual hand-crank adjustment which was time consuming to dial in the process and prone to human error. The electric actuator solution needed to be capable of connecting to an Allen Bradley CompactLogix® PLC utilizing Ethernet/IP®.

**Tolomatic Solution:**

An all stainless steel ERD15 electric cylinder w/ protective motor enclosure and ACS (Actuator Control Solution) drive was chosen to provide the customer with infinite positioning capability. The ERD15 protects the motor in a stainless enclosure from frequent wash down cleanings. The ACS with dual Ethernet ports is easily integrated into the Allen Bradley PLC.

**Customer Benefit:**

- Infinite positioning allowed customer to accurately dial in slice width to eliminate waste
- Significant savings on cost of meat for end user by eliminating potential for human error making slices too large
- Integration into existing PLC Ethernet network saved design time