

**APPLICATION SOLUTION: Product Change-Over**



**Product Family:** Electric  
**Product Used:** ERD Rod-Style Actuator  
ACS Stepper Drive/Controller  
**Product Type:** Standard

**Application Description:**

Automating product change-over on bottling conveyor.

**Challenge:**

A bottling plant needed to quickly change between different sizes and shapes of blow form molded bottles. The previous solution involved pneumatic cylinders with snap-on rings that provided a third position by using a hard stop short of the cylinder's extend limit. Workers manually remove and install the rings in a very time consuming process.

**Tolomatic Solution:**

Tolomatic ERD15 electric rod style screw drive actuators, controlled by ACS stepper controllers with EtherNet/IP, allowed infinite positioning. The compact size and mounting options allowed the ERD15 to retrofit into the space previously used for the pneumatic cylinders.

**Customer Benefit:**

- Quick, automated product change-overs for expanded product offerings
- Reduced down time and labor costs
- Increased throughput

(Reference: 9900-4036)