

Compact by Design

Meat Packaging

Automation Equipment Speed Improvement

Application Challenge

An Original Equipment Manufacturer (OEM) needed to increase their cycle rate on a machine that places a metal clip on the end of meat wrappings. The manufacturer also required rotary motion that could hold up in a food processing and wash-down application.

Project Solution

A custom Turn-Act size 3 rotary actuator delivering 2600 in.-lbs. of torque and 180° rotation was selected as a solution. The shaft and fasteners are stainless-steel and the heads are sealed for wash down conditions. The product has double end extended shafting with an external bearing containing Teflon® impregnated hard anodizing for caustic spray.

Customer Benefit

Compact's product extended the actuator cycle life by improving the wash-down resistance of the unit with specialized components and reduced the costs associated with assembling the packaging equipment.

