

APPLICATION SOLUTION: Pneumatic Kick-off



Product Family: Pneumatic
Product Used: MXP40S Rodless Cylinder
Product Type: Standard

Application Requirements:

Stroke: 30 inches

Speed: 3-6 inches/sec

Load: 15 lbs

Motion Profile: NA, existing application reciprocating point-to-point full stroke

Application Description:

Pushing boxes of packaged beef products in an automated conveyor system

Challenge:

This manufacturer of packaged beef products was looking to retrofit an existing pneumatic cylinder with one that was less costly and longer lasting. The replacement actuator needed to match the exact footprint of the existing cylinder which included optional foot mounts.

Tolomatic Solution:

A MXP solid bearing pneumatic actuator was selected for its durability features and larger bearing surface that would offer long lasting performance. A pair of custom designed foot mounts that fit the envelop requirements were delivered with the actuator to fit the existing footprint.

Customer Benefit:

- Increased service life which reduced maintenance costs
- Cost savings per unit on each actuator
- Compatible mounting with existing mechanical system