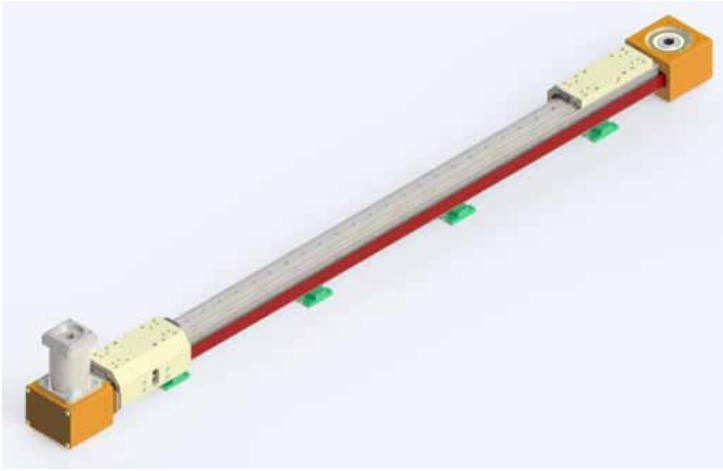


APPLICATION SOLUTION: Remove External Packaging



Product Family: Electric
Product Used: MXB-P
Product Type: Modified Standard

Click here to see it in action:
<http://youtu.be/Q2jhFWqbOVk>

Application Description:

Removing external packaging on bulk bundled material.

Challenge:

A major package handling/shipping company required a scissor action to remove wrapping materials from a variety of bulk shipments. The process needed to be fast, safe, smooth, efficient and reliable. The customer also wanted the equipment to be compact and quiet with no pneumatics or sensors – motion control sensing torque to define home was critical.

Tolomatic Solution:

A customized MXB belt-drive rodless actuator with a dual belt/motor combination was used to create the scissor action for each move. The integrated reducer minimized space and motor sizing, customized mounting was designed to easily integrate into the machine frame. The speed of the belt drive provided the fast, efficient motion and was configured with other Tolomatic actuators to provide a durable system that easily removed the wrapping materials without safety concerns.

Customer Benefit:

- Precise motion control and torque sensing enabled the customer to eliminate unneeded motion control, improving throughput
- The flexibility, speed, reliability and safety of the actuator allows the customer to handle the complete product range in the most efficient manner
- Tolomatic delivered a customized, cost-effective solution in an extremely aggressive time frame