

APPLICATION SOLUTION: Animatronics in Theme Park



Product Family: Electronic
Product Used: B3W Linear Belt Drive Actuator
Product Type: Standard

Application Requirements
Stroke (max.): 100 in (2.5 m)
Speed: 2.5 to 3 in/sec (63 to 76 mm/sec)



Application Description

Animation of props activated as part of an amusement ride in a theme park

Challenge

A theme park required an electric actuator to reliably support and move a large load about 280 times per day. This additional actuator and motor needed to be compatible with the drives and controls currently in use.

Tolomatic Solution

Using Tolomatic's online sizing software our application engineers were able to quickly size and specify the actuator and motor, providing a STEP file to the customer the same day as it was requested. The B3W electric linear belt drive actuator was perfectly suited to accommodate heavy loads with consistent, smooth operation and long life. Through Tolomatic's "Your Motor Here" program, they were able to use the same motors used throughout the theme park to effortlessly integrate the new attraction into their system.

Customer Benefit

- Large load carrying capacity
- Consistent, smooth operation
- Long life of the application
- Easy integration using "Your Motor Here" program