

APPLICATION SOLUTION: Automated Door



Product Family: Pneumatic
Product Used: MXP Rodless Actuator
Product Type: Standard & Modified

Application Requirements

Stroke: 20 in.
Speed: <6 in/sec
Load: 20 lbs (guided and supported)

Application Description:

Automate the sliding doors on CNC machining station

Challenge:

A manufacturer of CNC machines developed a new machine with front sliding doors to access the work area inside the machine. Automation of door movement was required to improve the ergonomics of the machine for their customers. The linear motion solution needed to provide smooth, straight motion with an attractive, clean mounting capability.

Tolomatic Solution:

A standard MXP25N pneumatic actuator was recommended because the load was already guided creating an economical choice. The actuator was fitted with custom mounting hardware allowing it to fit cleanly into the machine.

Customer Benefit:

- Smooth, reliable automation of CNC machine doors
- Increased throughput met distribution demands