



# EXOTIC

AUTOMATION & SUPPLY

## Electromechanical Retrofit

### Problem

The customer used pneumatic actuators for testing. Recently several different divisions were moved into one building. This resulted in sudden drops in air pressure and tests needing to be restarted.

### Solution

The customer was able to reliably test and control applications for both linear and rotary requirements with Parker's P series indexing drive and servo motor, OPSE belt drive linear actuator, HRMS screw drive linear actuator, and PX gearbox with flange output. Another benefit was the customer was able to fully program a move profile and adjust the acceleration and deceleration of the actuators giving them more control of the testing process. The simplicity of the indexing drive made for an easy control retrofit for the pneumatic actuators.



### Featured Products

- PM-FCL08AMK** - The Parker P-Series brushless servo motors provide smooth operation and very high performance from a small package size through 1kW, available in 40-80mm frame sizes.
- PD-10P 1000W** - The PD-10P standard servo drive/controller provides up to 1000W of continuous shaft power and offers advanced functionality including auto-configuration & an integral motion controller.
- PX115-100-T01S2 100** - The PX-series inline helical planetary gearheads are available in 60-142mm frame sizes and offer high torque, high radial loads, low backlash, high input speeds and a small package size.
- OSPE32-600L6-00500-PAP04F belt drive** - The combination of high speed, high normal loading capacity and high thrust, coupled with the extreme flexibility of the OSPE family and the low-profile design, the OSPE-BHD is a belt drive which is truly optimized for any application.
- HMRS15C050-0425-CD10000AP screw drive** - Offering extreme configurability and maximized application optimization the HMRS11 screw driven actuator utilizes two square rail bearing guides for maximum moment loading capacity and is ideal for single or multi-axis systems.