

# Motorized Linear and Rotary Actuators Tout Ease of Use

Oriental Motor USA is introducing four motorized linear actuators designed for greater ease of use and high performance in positioning applications. The company's motorized linear actuators feature the Alpha-Step stepping motor with built-in closed loop performance, suitable for high response moves with no gain tuning or hunting problems common to servo solutions. All motorized linear actuators also feature a common controller that lets the user effortlessly set all functions needed or run in driver mode, accepting step and direction from a master controller or PLC. The SPV Series includes a belt and pulley mechanism and an aluminum frame structure for applications requiring long strokes at high speeds. The EZC Series includes space saving ball screw system for high speed positioning or applications where the load is pushed or pulled. The EZC II series replaces the EZC, EZHC and EZHP motorized cylinders. With a built-in guide the EZA Series motorized cylinder offers improved performance and greater ease of use while maintaining a compact size. Simply install a load directly onto the rod, and this motorized cylinder will perform the push-motion and transfer operations. For heavier loads, a guide maybe considered. For high thrust force, with the use of gears and a ball screw, along with the folded motor configuration, the PWA II Series cylinders achieve a compact size for applications with push motion and pressurized positioning. The linear actuators are commonly used in the following application: X-Y applications, parts inspection or parts assembly applications, pick and place applications, push-motion applications and pressurized positioning operations.

### **Oriental Motor USA**

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