

## ***Press Release – Electric Linear Actuators for immediate distribution***

**EDrive Actuators Inc., Introduces the Extreme Thrust Force Actuator**



**West Hartford, CT - February 24, 2017**

In response to industry demand for high thrust force electro-mechanical linear actuators, EDrive Actuators Inc. created the Eliminator SD™. This high powered, heavy-duty steel wall actuator provides extreme thrust capacity with precision when combined with your servomotor.

Since 1980, continued success in tough applications has proven that EDrive is the industry actuator of choice using precision ball screw systems. The Eliminator SD™ is designed to provide strokes up to 60+ in. (1.5+m) at speeds of 12in/sec (305mm/sec) and thrust range from 30,000lb<sub>f</sub> (133.5kN) – 100,000lb<sub>f</sub> (444.8+kN).

EDrive produces linear actuators that are specifically tailored to provide maximum life, highest thrust force, and speed in a fully enclosed heavy steel wall cylinder. The bronze nose bearing provides excellent support when the thrust piston is fully extended. While other linear actuator companies require adding an external anti-rotate device or a keyed thrust tube with seals prone to leakage, EDrive's bronze internal key provides anti-rotation and counters the tangential forces created during high speed, high frequency, and high load operation.

In applications where high thrust loads are anticipated or faster cycling is specified, EDrive's precision ball screw system provides a cost-effective alternative, replacing pneumatic and hydraulic cylinders and providing major advantages over other designs. One such advantage is its ecologically friendly operation which eliminates sources of leaks from valves, hoses, fluids, and the need to use noisy, expensive electric compressors and hydraulic pumps. In addition, eliminating all the collateral equipment needed to operate hydraulic and pneumatic systems reduces footprint. Maintenance is easy and does not require removing the actuator from the machine, simply open the greasing port when necessary.

EDrive actuators are designed to accept the servo motor or gear reducer of your choice, and are available in parallel offset and in-line designs.

EDrive Actuators Inc. pioneered the original precision electromechanical linear actuators with its first patented design. Over the years, its business has grown based on its philosophy of design flexibility and rapid response to customers' requests. While EDrive offers "standardized" electric linear actuators from 100-100,000lb<sub>f</sub>, it regularly customizes based on specific customer needs including Stainless Steel. EDrive works very hard every day to provide the shortest lead times in the industry (typically 4-6 weeks) with an unsurpassed commitment to superior product quality.