All Electric Scissors Lift Provide Quiet, Efficient, Clean, Green Alternative to Hydraulics

Application Challenge: Most often driven by hydraulics, scissors lifts have historically offered an energy-inefficient solution in elevator applications. Hydraulic actuators consume twice as much power to operate as a servo electric actuators; and another great concern is the environmental impact of oil leaks, both indoor and outdoor. Indoor risks include fire, contamination of expensive carpeting, or the danger of a hard floors made slippery with oil--all resulting in property damage or personal injury. Outdoors, oil not only contaminates the environment, but presents fire risk there as well.

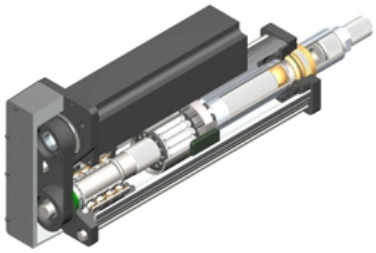
Due to their compact design and high power density, Exlar all-electric actuators provide the ideal solution to rid scissors lifts of inefficient, messy hydraulic cylinders. As seen in the images to the right, Exlar actuators allow scissors lift designs to maintain the same compact profiles as hydraulic actuators, but provide quieter, cleaner, and better controlled operation**.**

With solutions that offer all of the power and control electronics as an integral part of the drive motor or actuator, Exlar is the perfect source for all the electric solutions needed to produce scissors lifts for today's energy and environmentally conscious market.

Tritex II linear actuator with embedded servo electronics (shown left) can solve your application with one integrated device.

Exlar's Tritex II linear actuators, or Tritex II rotary actuators in conjunction with our I Series or FT series linear actuators have all the power and control electronics on board, and are AC powered. Your all electric scissors lift can be completely self-contained, powered from a direct AC source with on board, or attached pendant controls!

I Series actuators (above) and FT Series actuators (right) offer Exlar's roller screw technology with motor type and mounting flexibility.



Contact our applications engineering department to find out how you can optimize your application with Exlar actuators. Visit www.exlar.com for complete product information on all of Exlar's electric actuation solutions.

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