

Hydraulic to Electric Actuation

Electromechanical actuation is an attractive alternative to fluid power. Whether you are an equipment manufacturer or need a drop-in solution for existing machinery, the benefits are substantial.

Better Control:

- Programmable acceleration and deceleration
- Better positional accuracy
- Instant feedback and diagnostics

Energy Efficiency / Environment:

- Up to 85% reduction in electric usage
- Only draws power when in use
- Zero environmental contamination

Safety / Health / Maintenance:

- No high-pressure leaks
- Eliminates fire risk
- No hoses or seals to maintain
- 30% reduction in noise levels

Installation / Ease of Use:

- Quick connect cables install in a fraction of the time
- Eliminates hoses, valves, and pumps
- Saves thousands in equipment with smaller footprint
- No expensive fluid replacement

Other advantages:

- Longer tool life
- Faster reaction times
- Better repeatability
- Cleaner and more flexible
- ROI in as little as one year
- Smooth motion
- Compact and lightweight



GTW running weldguns in tandem



FTX used to save 60% in power consumption

See case studies



Industries

Whether you require higher efficiency, less maintenance, or a cleaner solution, Exlar electromechanical actuators can help you with your application. They deliver the full power density of hydraulic cylinders while increasing efficiency and longevity, helping you reach your production demands.

Automotive

- Flexible tooling
- Welding
- Dispensing
- Pressing

Entertainment

- Simulation
- Animatronics
- Amusement rides

Food & Beverage

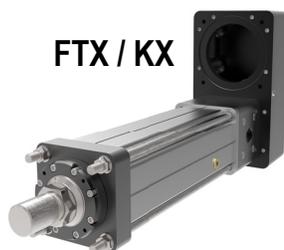
- Slicing
- Volumetric filling
- Dispensing / Injecting
- Molding
- Sealing
- Forming / Packaging

Plastics

- Injection molding
- Core pull
- Mold locks
- Opening & closing gate valves

Forestry

- Blade positioning
- Clamping
- Fence Guides



FTX / KX



GTX



TTX