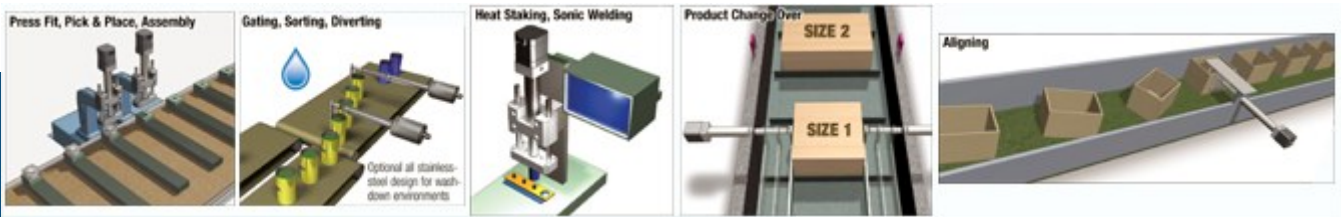


TOLOMATIC: ELECTRIC ROD-STYLE ACTUATOR

TOLOMATIC: ELECTRIC ROD-STYLE ACTUATOR AND CONTROLLER



The ERD is a low cost rod-style electric actuator designed as an alternate to pneumatic cylinders and an option for automating manual processes. Combined with Tolomatic’s ACS stepper driver/controller, an extremely easy-to-use and cost effective actuator control solution is created. The ERD electric cylinder is compatible with many NEMA and Metric standard stepper and servo motors. The ERD, with 2 different stainless steel options, is the industry’s first ever all-stainless-steel electric actuator family intended for wash down environments.



THE ERD ELECTRIC ACTUATOR OFFERS THESE FEATURES:

- 4 body sizes
- Ball or Acme screw choices
- Force / thrust capabilities up to 2,500 N
- Stroke lengths configurable up to 600 mm
- Guide / Anti-rotate option
- Stepper Drive / Controller & Motor solutions
- IP67 option
- All Stainless Steel body construction with protective motor enclosure

THE ACS – ACTUATOR CONTROL SOLUTION:

The ACS is an extremely easy-to-use stepper drive & controller developed specifically to be used with electric actuators. Simply select the “Tolomatic actuator software” to automatically set-up most necessary parameters to create motion in the desired linear units such as the ERD.

CAPABILITIES AND OPTIONS:

- 4, 8, or 16 move command modes (absolute, incremental, jog) for infinite positioning capability
- Ethernet mode provides infinite positioning using EtherNet/IP and Modbus TCP protocols
- Dual Ethernet ports with internal switch for daisy haining
- Adjustable motion profile parameters (velocity, accel/decel, force).
- Ability to reduce holding current for energy savings
- End point correction
- Zone output based on position
- Force limiting capability
- Configurable digital I/O (24 Vdc Opto-Isolated)
- Compatible with most 24 Vdc stepper motors
- Analog position mode (0-10 Vdc or 4-20 mA)
- RS232 COM and RS485C COM Port

ACS – Actuator Control Solutions

