



ELECTRIC ACTUATORS



JHFOSTER offers a variety of actuator types to meet your specific application including: Ball Screw, Belt Drive, Precision and Rod Style, Linear Motor, Rod Style Electric Cylinders and Medical Actuators. Designed to be rugged, durable, and easy to maintain, our complete product line features an affordable solution for any application. Available in a wide range of stroke lengths, speeds, and customizable options, our expert team of engineers can help you determine the best solution for your application.

Ball Screw Actuator

- 10 micron repeatability
- C7 ball screw accuracy
- Higher precision available ground ball screws
- 3 micron repeatability available

Belt Drive Actuator

- 40 micron repeatability
- Integrated planetary reducer options
- 5 meter stroke continuous length extrusion
- Multiple extrusion, assemble in the field for long lengths
- Fixed belt moving pinion actuators for Z-axis, multiple driven carriages on same actuator

Medical Actuators

- Wheel chair and patient bed
- Low noise
- Pendants and controllers
- Column lifts
- Synchronized actuators, two axis or four axis

Linear Motor Actuator

- Multiple motor designs and frame sizes
- Very high speeds, acceleration and accuracy

Rod Style Electric Cylinder Actuators

- Low cost alternative to pneumatic cylinders
- Load capacities up to 1540 lbs
- Maximum travel speed up to 5 in/s
- Variable stroke lengths
- Limit switches
- Feedback and closed loop options
- IP 54, IP 65, IP 69K compliant
- Customer specified connectors
- AC/DC power source options
- Remote control and pendant capable

Precision Rod Style Actuator

- Thrust loads up to 10kN (2200lbf)
- High force actuators up to 355kN (80000lbf)
- 1200mm stroke
- Integrated bearing design for high side load capacity



MULTI-AXIS SYSTEMS

JHFOSTER's linear actuators can be combined to create various multi-axis cartesian systems. We offer turnkey multi-axis systems, standard configurations, and custom designs.

Additional Features:

- Brackets and cable tracks
- Limit switches (NPN, PNP)
- Couplings included per axis
- Matching motor adapter plate included per axis
- Torque tube for synchronized axis

Contact Us Today

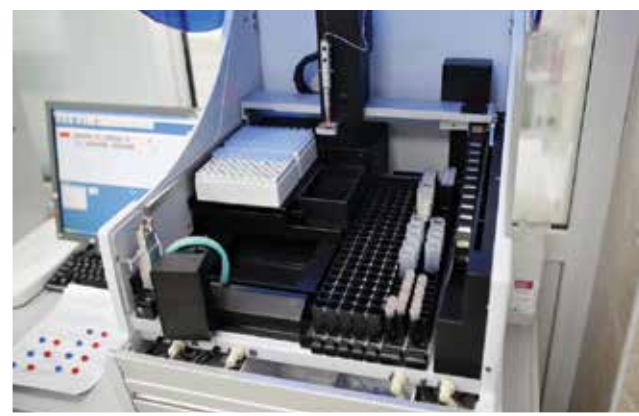
Need help with an active project? Our experienced engineering team is ready to assist you in the design, selection, and implementation of your project.

JHFOSTER

A Tavoron Company

3103 Mike Collins Drive
Eagan, MN
651.452.8452

jhfooster.com



REQUEST
A QUOTE
TODAY

