



Linear Positioning



Tek-Matic's linear positioning solutions are a great alternative to pneumatic & hydraulic systems. Our electro-mechanical linear systems offer a much cleaner, quieter, faster, and easier way to automate your point to point positioning processes. Pairing ultra-high precision mechanical devices up with programmable motors & controllers gives you faster throughput, better quality, optimal production rates, and higher degrees of accuracy and repeatability.

Product Types

- Linear Positioning Stages
 - Ballscrew, Belt Drive, Linear Motor, and Piezo Drive Versions
- Linear Motor Systems
 - Ultra high speed, acceleration and accuracy
- Piezo Electric Systems
 - Smallest footprint, lightest weight, nano positioning, challenging environments
- Rack and Pinion Systems
 - Economical solution for high speed, heavy loads, & precision positioning
- Jackscrews and Electric Actuators
 - Affordable and controllable hydraulic and pneumatic replacement
- Ballscrews
 - Acme, rolled, and precision ground, both standard and custom designs
- Linear Bearings/Rails
 - Roller and ball style bearings and rail, and linear shafting

Options

- Customized solutions
- Wash-down, vacuum, MRI, outdoor, clean room & other special environments
- Multi-axis configurations & turn-key systems
- Motors & controls, gear boxes, link shafts & couplings
- Positioning, force, & velocity feedback

Since 1983:

- Premier Partnering
- Multiple Solution Options
- Sizing Selection Calculations
- Unparalleled Support

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