WE SPECIALIZE IN THE FOLLOWING APPLICATIONS:

- Explosion Proof
- High Temperature
- High Precision
- Miniature
- Zero Backlash
- Vacuum Rated
- Space Rated
- Clean Room
- High Shock/Vibration
- IP69K
- DNV
- Food Grade
- IECs Certified
- UL Class I/Div 2
- Hazardous Locations
- Gas (2D) and Dust (1D)
- Hazardous Locations

Electromate’s Core Purpose is help Manufacturers compete globally by building better machines using differentiated automation technology. We specialize in Robotic and Mechatronic Solutions for the Industrial Automation marketplace.
Respected by customers as a premiere source for High Performance Robotic and Mechatronic Solutions, Electromate® distributes AC & DC Servo and Stepper Motors, Drives, Controls, Positioning Systems & Robots, all supported via extensive product selection, just-in-time & consignment inventory, dedicated customer service and technical engineering support.

6221 Highway 7, Unit #15 Vaughan, Ontario L4H 0K8
T 905.850.7447  F 905.850.7451
E customerservice@electromate.com
www.electromate.com

Electromate® is an ISO9001:2008 Registered Company and is LEAN Process accredited.

MOTION & AUTOMATION CONTROLLERS

- Motion Control, EtherCAT/Network
- Motion Controllers, PCI, PC/104, ISA Bus
- Core Modules & Embedded Products
- I/O Controllers
- Single & Multi-Axis Models

FEATURES

- Distributed Control
- Position Tracking
- 2D Linear & Circular Interpolation
- Contouring
- PVT (Position-Velocity-Time) Mode
- Electronic CAM
- Compensation Algorithms
- 32 Axis Coordinated Motion

HMI’s & OPERATOR DISPLAYS

- Entry Level HMIs
- Graphical Workstations
- Industrial PC Solutions
- Marquee Displays
- Operator Displays
- Marine & Harsh Environment
- Handheld/Mobile

APPLICATIONS

- Food & Beverage IP69K
- Local HMI Visualization
- Smart Factory 4.0
- Marine & Surface Deployment
- Cloud & Mobile Integration
- Enterprise Connectivity

POWER TRANSMISSION & MECHANICAL PRODUCTS

- Brakes
- Clutches
- Couplings
- AC Planetary Gearheads
- DC Motors
- DC Gearmotors
- PMDC Drives

APPLICATIONS

- Isolating
- Conveyors
- Motors
- Material Feeders
- Bottling
- Packaging
- Pumps

LINEAR BEARINGS & BALL SCREW PRODUCTS

- Linear Recirculating Bearings & Nuts
- Rod-End Ball Bearings
- Linear Shafts & Splines
- Linear Slides
- Monorail Drives / Linear Slides
- Lead Screw Assemblies
- Precision Harmonic/Thrust Ball Screws & Nuts
- Cross Roller Bearings

APPLICATIONS

- Test & Measurement
- Medical Tool
- Medical
- Optical
- Laser Micromachining
- Pneumatic
- Robotics & Automation
- Pharma/Chemical

FEEDBACK DEVICES

- Rotary Encoders
- Linear Encoders
- Magnetic Compatibility Encoders
- DC Servomotors
- Digital Readouts
- Linear Displacement Transducers
- Measuring Probes
- Resolvers
- Accelerometers

APPLICATIONS

- Magnetic Inductive - High accuracy
- Magnetic Inductivel - Optical
- Optical
- Electric Encoder - Magnetic Inductive

GEARING PRODUCTS

- Planetary Gearheads
- Harmonic Gearings
- Planetary Gearheads
- Right Angle Gearings
- Harmonic Drive® Gearings
- Planet Gearings
- Spur Gearings
- Cycloidal Speed Reducers

APPLICATIONS

- Natural Handling
- Packaging
- Material Handling
- Medical & Healthcare
- Machine Tool
- Robotics & Automation
- Automation & Defense
- Energy & Solar

TECHNOLOGY

- Magnetic (absolute + high accuracy)
- Magnetic (standard)
- Optical
- Inductive
- Electric Encoder - Magnetic Inductive

MOTION CONTROL AT THE SPEED OF TECHNOLOGY™