

PQ Systems Ltd

- MOTION CONTROL -

MOTION CONTROL COMPONENTS, SYSTEMS & SERVICES

HYDRAULIC • ELECTRONIC • ELECTRO-MECHANICAL • PNEUMATIC



- SALES AND SOLUTIONS
- SERVICE AND REPAIR
- TECHNICAL SUPPORT
- DESIGN AND SUPPLY

Delta designs and manufactures single & multi-axis motion controllers for industrial hydraulic, pneumatic and electric closed loop position, velocity and pressure/ force applications. With an unsurpassed combination of engineering and application know how, you get a product that delivers high performance, adaptability and ease of use. With 24/7 Tech support, Free Software and a wide range of training options, you will feel right at home and ready to tackle your application.

RMC 70 Series

A flexible 1 or 2 Axis Motion Controller capable of accepting up to four expansion modules for added digital I/O, analog reference and pressure or force inputs.

RMC100 / 150 Series

A modular high performance controller capable of accepting a combination of MDT (Start/Stop or PWM), SSI, Analog, Quadrature or Resolver feedback for position or pressure control. Control up to 8 Axis of tight coordinated motion.



Connect. Control. Optimize.

MOOG

Moog is a leader in designing and manufacturing high performance Servo and Proportional Valves for industrial applications. With various technologies such as Flapper Nozzle, ServoJet & Direct Drive (DDV) containing either mechanical or electrical feedback mechanism Moog offers numerous models with a range of sizes, performance characteristics and mounting options. In addition, Moog also offer Atchely Valves, RKP Piston pumps & Turbine Actuators.



Temposonics®

Absolute, Non-Contact Linear Position and Liquid-Level Sensors

Temposonics magnetostrictive technology, provides non-contact, fast, accurate and repeatable linear position measurement. Available in a variety of form factors for in cylinder or externally mounted Profile style, rod style or detached electronics coupled with various outputs such as Digital Start/Stop, PWM, SSI, Analog, ProfiBUS, CanBUS, DeviceNET, Ethernet IP & EtherCAT. Single or multi magnet position or velocity feedback is also possible. Diagnostic LEDs help with any troubleshooting in the field, as well as field programmable parameters makes setup & adjustment quick and easy.



MTS Liquid Level Sensors are capable of measuring product level, interface level and temperature from a single process opening. With sanitary options, they are suitable for pharmaceutical, food and beverage, or industrial applications such as Chemical and Petroleum. Options for above ground or underground storage tanks available. 4-20ma single or dual loop or HART communications are possible.

EXLAR

Electric Actuators offer unmatched range of capabilities, power & performance in both linear and rotary configurations. Roller Screw technology offers longer life, higher forces and speed over Ball screw actuators and have successfully replaced both pneumatic and hydraulics in a wide range of applications. Available with various coatings, stainless steel, food grade grease and explosion proof options these actuators can be used in many different industries.



GSX/GSM Series - Integrated Linear Actuator, combines roller screw & T-LAM motor technology, for a high performance & long life in a compact actuator

K Series - A universal design, proven roller screw technology, flexible mounting options and adapts to various types of motors this is a truly flexible actuator

FT Series - Compatible with a wide variety of motors, available in three frame sizes with strokes from 12 to 96 inches, and a load rating up to 40,000lbs

Tritex II - Combines a Servo Drive, Digital position controller, brushless motor & linear or rotary actuator in one compact package. Available in AC or DC

EL Series - Explosion Proof actuators rated for Class I, Div I, Groups B,C & D also meets ATEX essential requirements & conformity with EU ATEX Directive.

SLM/SLG - SLM Brushless Servo Motor offers high torque in a small package and one of the highest power densities available with the SLG Gearmotor.



TR Electronics offer a complete range of rotary Encoders, cable retractors / string pots & Laser Distance measurement with multiple interfaces including all major fieldbus protocols. Safety Light Curtains, Inclination, Proximity, Ultra Sonic, Photoelectric, Ring, Contact, Angle & Fork Sensors are also available.



Every Hydraforce cartridge valve, manifold and electrohydraulic control goes through rigorous testing & inspection to perform beyond industry standards. They offer a unique blend of custom design solutions. Design your own hydraulic circuit for your mobile application with the Hydraforce iDesign software, or create a custom manifold to consolidate your hydraulic control system & minimize external connections. Guard against corrosion in tough environments with the G-Coat option rated for 1000hr Salt Spray. Valves are also available with integral position sensing as well as a line of HyPerformance—High Pressure valves rated for 350bar/5075 psi continuous operating pressure. CoreTek controllers offer IP67 rugged enclosures, are flexible and easily scalable and programmable with CoDeSys open source software.



ROSS offers a complete line of Safety Pneumatic Solutions in their DM1 & DM2 Control Reliable Valves with dynamic monitoring and memory. L-O-X valves for Pneumatic energy isolation (LOTO) with features such as EEZ-ON and all Stainless Steel options available. Ross Poppet Valves are positive sealing and are both dirt tolerant and self compensating for wear to provide sure repeatable shifting over the life of the valve. Ross provides complete air entry solutions. The Ross Dale valves have outstanding flow characteristics in a very compact design available as single valves or in a manifold version. Virtually leak proof design makes them the perfect choice for leak testing purposes. With an impressive Cv range of 3.5 to 100. Ross valves can be found in the Steel & Aluminum Industries, Glass container industry, as well as Presses / Metal forming, Thermoforming, Packaging and many others.

PQS Molded Cables

Polyurethane Heavy Duty Molded Temposonic, valve & encoder cables. PUR jacketed, oil resistant, less prone to cracking and are more flexible at greater temperature extremes.



Stober provides servo motors, servo gear motors, servo brakes, servofit gearheads, gear reducers including: rack and pinion drives, food and beverage and stainless models. high quality with quick delivery.



Hydac offers a comprehensive range of hydraulic & electronic products. Including accumulators, filters, pressure sensors, heat exchangers & cooling systems.

RAPID CONTROLS

Rapid Controls offer a complete range of Temposonic interface electronics, convertors and displays.

NPM Nippon Pulse

Your Partner in Motion Control

The Nippon Pulse linear shaft motor is a brushless high precision direct drive linear servo motor in a tubular design.



Manufactures a complete line of hydraulic & pneumatic cylinders, suitable for use with MTS position feedback sensors.



Stainless Steel enclosures for MTS position sensors. Water & gas tight for protection of sensors in rough environments. Explosion proof for use in hazardous locations ATEX or UL / cUL approved.

PQS Servolife Filters

Non Bypass Pressure Filters available inline (SLI) or manifold (SLM) with a 4", 8" or 13" - 3 micron non-collapse elements & flows up to 45GPM @ 25 Psid



NORGREN / HERION / KIP Process valves, pressure switches, proportional valves and quick exhaust valves.



Hydraulic valve drivers and controllers, amplifiers, DC-DC convertors, surge suppressors, current convertors, CAN bus/CANopen® SAE J1939 displays, modules and controls.



Advanced range of proportional valves & electronics, directional valves and pumps.



Belt Driven Linear Actuators, Ballscrew Driven Actuators, Gantry X-Y Linear Systems, Cartesian Robots. Customized solutions, long stroke actuators with quick delivery.

PQ Systems Ltd

- MOTION CONTROL -

Located in Vancouver, BC, our six thousand square foot fully equipped facility is the sales and service centre for our many customers throughout western Canada.

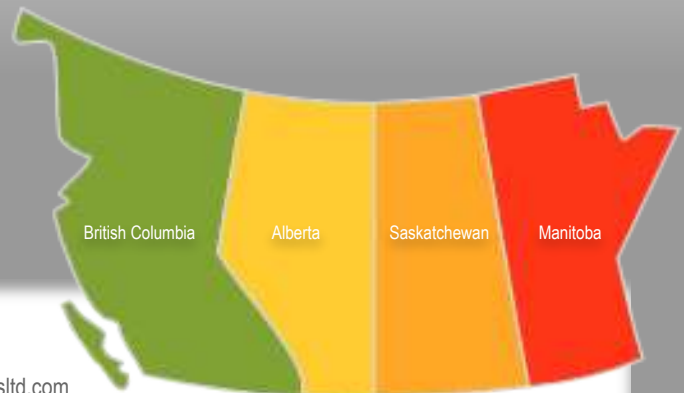
In addition to technical support personnel, our staff includes fully trained technicians and highly skilled field representatives with many years of combined application experience.



Serving industry for over twenty five years, providing technically enhanced motion control solutions.

Our various products provide an ideal mix of motion control devices to address most any application in any industry. Whatever your positioning or pressure control requirement - we have a solution.

For sales, service or additional information call us today at PQ Systems Ltd.



SERVING WESTERN CANADA

Rod Helyar	Customer Service	rod@pqsystemsLtd.com
James Thompson	Purchasing/Customer Service	james@pqsystemsLtd.com
Robert de Rot	Lower Mainland/Van.Isld Field Rep.	robert@pqsystemsLtd.com
Rob Nash Cell: 250.804-6669	BC & Saskatchewan Field Rep.	rob@pqsystemsLtd.com
Mike Tom Cell: 780.668-5531	Alberta Field Rep.	mike@pqsystemsLtd.com
Alison Searcy	Temposonic / DELTA Repair Services	repair@pqsystemsLtd.com
Mike Murphy	MOOG / EXLAR Repair Services	service@pqsystemsLtd.com
Nirveen Sandhu	Accounts Department	nirveen@pqsystemsLtd.com
Peter Tam	Accounts Department	peter@pqsystemsLtd.com
Randy Buckoll	General Manager	randy@pqsystemsLtd.com
Order Entry		orders@pqsystemsLtd.com

Tel 604.299-0022
Fax 604.299-8453
Toll Free 877.237-9101

Location: A2 - 5279 Still Creek Avenue
Burnaby, BC
V5C 5V1

Mail: PO Box 82640 Stn North
Burnaby, BC
V5C 5W4

www.pqsystemsLtd.com