



# Hydrotech<sup>®</sup>

**Motion Control Solutions**

*Innovative Ideas. Technical Expertise. Engineered Solutions.*



## *Company Overview*

*Distribution | Engineering | Integration | Service*

# Automation Technologies

*Established in 1982, DynaDrive has been an industry leader in automation systems and components. DynaDrive and Hydrotech Inc. joined in November 2009, to form the DynaDrive Automation Division of Hydrotech Inc. Together forming a leading edge automation systems, component, design, and manufacturing group.*

*Servo Drives & Controls, Linear System Technologies, and Pneumatics for motion control. Machine automation systems to improve manufacturing performance and flexibility. Engineering assistance with machine safety, energy efficiency, and breakthrough motion control and automation concepts. Global application expertise and support. Manufacturers, design engineers and OEMs count on Rexroth for smarter, proven, drive and control products, and automation solutions to power today's manufacturing excellence.*

*MK North America designs, engineers, and manufactures structural aluminum framing, conveyor, guarding, and linear motion systems. The variety and flexibility of our offering is unsurpassed, and MK Products have proven themselves world-wide in a broad variety of applications and industries.*

*Yaskawa is the world's largest manufacturer of AC drives for industrial automation and OEM equipment. Our drives cover every automation application need in the industrial plant. These AC drives incorporate the latest technological advancements in AC motor speed control, made possible by experience and dedication to quality in design and manufacturing.*

*Mechatronic Components, Control Loading Systems, Servo Gearboxes. Wittenstein delivers precision in motion. As the manufacturer of the world's first precision planetary gearbox, Wittenstein continues to create cutting-edge engineered technology for your market - industrial, energy, aerospace simulation, and beyond.*

*Since 1913, Marathon Electric's name has been recognized for engineering excellence, custom-designed products, and an extensive product line of industrial quality motors. Available in all popular enclosures from 1/12 HP through 3000 HP and in a variety of mounting configurations, Marathon Electric's unique designs provide more ways in which to add accessories, such as blowers, brakes and encoders, to our motors than anyone in the motor business.*

*Industry leading automation products including the smallest and strongest hydraulic & pneumatic cylinders and custom engineered switches with a wide range of options tailored to your application, including set points, fluid & electrical connections, switch circuitry, current ratings, and severe usage.*

*High torque planetary gear boxes with space and weight advantages & numerous inputs & outputs. Atex, flange, shaft, & foot mounted units. Compact planetary drives for high performance mobile use.*

**DynaDrive**  
Division

**Rexroth**  
Bosch Group

TECHNOLOGY GROUP  
**mk**

**YASKAWA**  
The Drive for Quality™

  
WITTENSTEIN | alpha

 **marathon**  
electric

**NASON**  
NEW THINKING

 **brevini**



## Filtration & Lubrication



*Process Filtration Units and Elements, High and Low Pressure, Spin-on, Offline and Portable Units, Contamination Sensors and Data Monitors, Water Removal Units, Accumulators, Flow Rate Meters, Pressure & Temperature Transducers & Switches, Air & Water Cooling Systems & Conditioning Units.*



*Liquid Coalescence & Separation Products and Systems, Oil-Water Separators and Bilge Water Separators for Industrial Filtration Applications & Environmental Protection. Facet also provides Jet Fuel Monitors and Fueling Systems.*



*Innovative solutions for coolant filtration, chip transport, de-oiling, and storage systems.*



*Mobile & Industrial Engineered Filtration Solutions. Patented Magnetic Technology for Pressure, Return and Suction Filtration. Sub-Micron Filters, Reusable Elements for Hydraulic, Coolant, Water & Industrial Lubrication Applications.*



*Automatic Centralized Lubrication Systems for Grease & Oil, Mobile & Industrial Applications. Air/Oil Lube for Dry Machining, Tools, Conveyors Chains, Spindles, Bearings & Gears. Manifolds, Injectors, Tubing, Fittings, & Proximity Sensors.*



*Heavy Duty Fluid Pumping Products & Systems. Pumps, Hose Reels, Grease Fittings, Control Valves, Fluid Drains, and Industrial Grease Guns. Kleenseal, Powerluber, Mityvac, Guardian Brands*

## Additional Services



- eCommerce, Online Configurators & Specs
- Bar Coding & EDI Electronic Data Exchange
- Full Stocking & Blanket Ordering Advantages
- Operations & Maintenance Training Programs
- EnPro Division: Wastewater Treatment Systems and Equipment  
[www.EnProdiv.com](http://www.EnProdiv.com)

# Hydraulics & Pneumatics

**Rexroth**  
Bosch Group

*Pumps, Motors, Electronics, Proportional Controls, Control Valves, Servo Valves, Cylinders, Industry Leading Hydrostatic Transmissions & Power Units. Multi-Axis Pneumatic Flow Control Systems, FRL Units, Actuators, Fieldbus, Vacuum Products, E/P and I/P Converters, and Serial Link Control Products.*

**SUN** hydraulics  
CORPORATION

*Screw-in Hydraulic Cartridge Valves & Manifolds to Control Force, Speed & Motion in Fluid Power Systems for High Performance and Reliability. Valve-Mounted Digital Amplifiers for Easy Setting, Monitoring, and Adjustment of Proportional Valves.*

**HYDAC**

*Accumulators & Pressure Vessels, Flow Controls, High Pressure Ball, Cartridge and Check Valves, Actuators, Manifolds, and Compact Power Units. Hydac's Electronic Division product range includes Pressure & Temperature Transducers, Temperature Switches, Diagnostics, Level/Temp Sensors, Display Unit/Switches, Flow Sensors, Proportional Control Modules, Electrical Connectors & Adapters.*

 **Hydrotech**  
Power Units & Systems

*Hydrotech Power Units are Custom Built with up to 2000 Gallon Reservoirs Designed for Your Industrial Applications & Include our Popular DHP Power Packs.*

**DHP**  
POWER PACKS

*DHP provides superior compact hydraulic solutions tailored specifically for the customers needs. Our products can be designed to endure the harshest of environments, while maintaining high reliability and long life. Our engineers are able to accept any challenge an application may present.*

**Thermal**  
Transfer Products

*Heat Transfer Products for Industrial Machinery Including Air to Air and Water to Air Aftercoolers for Pneumatics. Air to Oil, Water to Oil, & Closed Loop Chiller Applications in Hydraulics.*

**Hanna**  
cylinders

*Premium quality cylinders for any heavy duty hydraulic or pneumatic requirements. Tie-Rod, mill type, rotating, composite, mobile, welded, double welded, threaded, & custom cylinders.*

**HYDRAtch/CRC**

*Custom manufacturer of hydraulic cylinders. ISO 9001-2000 registered, manufactured to ABS, DNV, BV, Lloyds and USCG specifications. Designs up to 10,000 psi, prototype development and design to customer specifications. Evaluation and design improvements on existing applications, 100% material traceability for all cylinders. Custom piston accumulators manufactured in carbon, stainless, and nickel alloys. Manufacturing parameters up to 60-inch bore and 45-ft stroke are available.*

 **Young**  
Powertech  
inc.

*Geroler-Gerotor motors, orbital steering valves, rotary manifolds, radial piston motors, steering columns, and electronic controls for mobile, marine, mining, and industrial applications.*

**Daman**

*Hydraulic Valve Manifolds, Cover Plates, Adaptors, Tapping Plates, Subplates, Servo Valve Subplates, Cartridge Valve Bodies, Header, & Junction Blocks.*



**The Intelligent Solution is Simple.  
One Supplier Integrating All Your Needs**

**Hydraulics • Automation • Pneumatics  
Mechanical Assemblies • Process Filtration • Lubrication**

## **Hydrotech Represents The Leading Industrial Manufacturers**

**American Industrial  
Amlok Rod Locks  
Anchor Flange  
Bosch Rexroth  
Brevetti Cable Carrier  
Brevini Gear Boxes  
Canfield Connectors  
Carlo - Gavazzi  
Carter Ground Fueling  
CEJN Quick Connects  
Cetco Environmental Products  
Cosema Coolant Filtration  
CRC Cylinders  
Cross Hydraulics  
Daman Manifolds  
DHP Power Packs  
DMIC Hydraulic Accessories  
Donaldson Filtration  
Dropsa Lubrication  
Durodyne**

**EnPro  
Facet International Filtration  
Flow-Ezy Filters  
Freelin-Wade Co.  
Gam Gear Boxes  
Hammonds Fuel Additives  
Hanna Cylinders  
HED Mobile Controls  
Hedland Flow Meters  
Hennig Machine Tool Protection  
Hewitt U.S.A.  
Horner Electrical PLC's  
Hydac International  
Hydrotech Systems  
Jakob Precision Couplings  
Kessler Ellis  
Lake Flow Monitors  
Lexair Inc.  
Lincoln Lubrication  
Lube Devices**

**Marathon Electric  
MK Technology Group  
MTS Sensors  
M&W Custom Manifolds  
Nason Pressure Switches  
NGT Valves  
Orsco Lubrication  
Rineer Hydraulic Motors  
SC Hydraulics  
Star Hydraulic Pumps  
STC Valves  
Sun Hydraulics  
Thermasys Thermal Transfer  
TSII Electrical Connectors  
Vescor Hydraulic Reservoirs  
VSE Flow Meters  
Walvoil Mobile Valves  
Western Fluidyne  
Wittenstein /alpha  
Yaskawa**

**Phone 800-891-4650** Order On-line at <http://www.hydrotech.com>

# Does Your Solutions Provider Do All This?

## Automation Technologies

*Our Automation group provides engineering design assistance and technical support for all your automation & control needs. Products include linear bearing systems, gantry style robotic systems with HMI interfaces, and a full line of servos and controls. Our mission is to optimize motion control systems for the best time, cost, and lifecycle management. We can also provide project design and assembly for modular framing structures.*

## Standard & Custom Power Unit Systems

*Hydrotech provides horizontal, horizontal JIC, vertical, overhead, L-style, or other custom power units with special design reservoirs, valves and accessories installed and plumbed. Rexroth Standard systems to 100 gpm. Complete turnkey central and custom units with flow to 9,000 gpm and pressure to 10,000 psi with world-class engineering for low noise. We also provide AC and DC power units, AC miniature power units, and DHP power packs.*

## Engineering, Assembly, Installation & Start-Up

*Hydrotech designs using 3D cad software, builds, installs, and does start-up on all hydraulic, pneumatic, lubrication, and motion control systems regardless of where purchased, using fully qualified tech teams. Our trucks feature on-board generators and a full stock of materials to set up shop anywhere. Trucks are outfitted to plumb up to 2" seamless steel and stainless steel tubing on flared, bitetype, or face seal type connections. We also cut and crimp up to 2" high pressure hose.*

## Field Service & Repair

*Factory trained technicians available 24/7 for troubleshooting, fluid analysis, and sampling on-site repair services, field upgrades and retrofitting, or high pressure plumbing services. We repair any manufacturer's hydraulic component, fully tested to specifications, and meet your operating requirements. We are authorized Rexroth and Lincoln Industrial repair centers. On-site telescopic cover repair. Specialists in piston pump/motor, servo, and valve repairs.*



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Order On-line at <http://www.hydrotech.com>



[www.hydrotech.com](http://www.hydrotech.com)

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