Does Your Distributor 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 piped. Rexroth Standard systems to 100 gpm. Complete turnkey central and custom units with flow to 0,000 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, Installation, Start-Up & Assembly

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, bite type, 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.

Hydrotech Motion Control Solutions

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Akron/Cleveland 330-923-4853 513-881-7000 fax 330-923-5760
Dayton 513-881-7010
Louisville 502-231-2228 fax 502-231-2422

Cuyahoga Falls

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

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ISO9001:2008 Certificate No. 4297
Since our founding in 1967, Hydrotech’s mission has remained unchanged: Delivering consistent and reliable quality that meets and exceeds the expectations of our customers, and is the driving force in all products and services that we provide. This philosophy has allowed Hydrotech to be identified by our suppliers as a premier distributor and solutions provider for fluid power, motion control and automation products. By understanding the intrinsic characteristics inherent to our products and employing a team of the most qualified people, we have become an industry leader spanning four states. We understand the importance of developing and maintaining a long relationship with our customers, because without their success we cannot fully realize ours.

Hydrotech Knows Your Market!
Hydrotech’s 40 years in the business has established a reputation for producing durable and dependable systems to meet the wide ranging needs of markets served. We have applications using our technologies in the markets listed below.

- Aerospace
- Agriculture
- Automotive
- Aviation
- Chemical
- Composites
- Construction
- Defense
- Electronics
- Entertainment
- Food & Beverage
- Government
- Heavy Industry
- Iron & Steel
- Lumber
- Machine Tool
- Marine
- Material Handling
- Medical
- Metal Forming
- Mining
- Mobile (Compact Hydraulics)
- Oil & Gas
- Packaging
- Plastics
- Power Generation
- Press & Metal Forming
- Printing & Converting
- Pulp & Paper
- Snow & Ice Management
- Textile
- Tire & Rubber
- Truck & Bus

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ISO9001:2008
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Our consultative sales approach coupled with our broad product offering provides our customers complete one-stop shopping for hydraulics, pneumatics, motion control applications, and precision fluid handling.

LEADERSHIP

INNOVATION

GOAL ORIENTED

TEAMWORK

dynamic environment

Integrity

(customer focus)

operational excellence

MK Technology Group
MTS Sensors
M&W Custom Manifolds
Nason Pressure Switches
NGT Valves
Orsco Lubrication
Rinear Hydraulics
SC Hydraulics
Star Hydraulic Pumps
STC Valves
Sun Hydraulics
Thermassys Thermal Transfer
TSS Electrical Connectors
Jakob Precision Couplings
VSE Flow Meters
Vescor Hydraulic Reservoirs
Walvoil Mobile Valves
Western Fluidyne
Wittenstein/Alpha
Yaskawa
"If it moves, we can help."

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Hydrotech systems and engineering solutions are designed to increase both production efficiency and product quality, while reducing production costs. We individually design each system and solution using the most accurate and dependable components for every budgetary need, specifying the right manufacturer’s product for the exact job specifications.

For demanding assembly applications and performance in the field, Hydrotech carries a complete line of components that meet the customers needs. Our engineering department provides full services in assessment and design for applications, including 3D-CAD and system simulations.
Hydrotech’s multi-million dollar inventory of fluid power, automation and motion control products and our commitment to extraordinary customer service have been pivotal to our success over the last forty-five years. To meet the rising expectations for productivity, you need a supplier that can provide results, not just products.

“If it moves, we can help.”
Three distinct accumulator designs are available, ensuring the accumulator fits the application rather than forcing the application to fit the accumulator. The designs are Bladder, Diaphragm, and Piston. Available up to 15,000 psi working pressure. Specialized variations of Diaphragm and Bladder Accumulators are available for pulsation dampening, silencing and shock absorption.
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Repair of All Manufacturers’ Pumps

Filter Systems

Filter Elements

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Contamination Sensor Modules

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Bosch

Rexroth

Bruenninghaus

Hydromatik

Racine

Denison

OilGear

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Nachi

Daikin

Parker

Eaton/Vickers
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Cylinder Repair

Hydraulic & Pneumatic

Any Style, Make, Model or Size

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Single & Dual Stage Filtration Systems

Single & Dual Stage

Kidney Loop Systems

Compact Kidney Loop Filter

Filter Skids

Hand Held Portable Filter

Kidney Loop Filter

Ion exchange Unit

Dehydration Station

Vacuum Dehydrator - Water & Solid Removal
Hydrotech Service
Hydrotech’s Field Service & Repair Group provides complete Hydraulic repair Service.

Factory Trained Service Technicians

Hydrotech’s Field Service & Repair Group provides complete Hydraulic repair Service.

Hydac - Test Points, Valves, Clamps, Connectors, Adaptors and Accessories

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Ball Valves          Flow Control Valves          Cartridge Valves

Hose and Pipe clamps

Breathers/Air filters          Test points

Gauges & isolators          Split Flanges

Suction Strainers          Fluid Level Indicators

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Canfield Connector offers a wide variety of electronic timers, interconnection devices and electronic connectors

Cartridges

Manifolds

Valve Packages

Custom Valve Packages

Amplifiers and Accessories

Accessories

Freelin-Wade manufactures a wide range of clear plastic tubing and coiled hoses including polyethylene, vinyl and polyurethane tubing and hoses.
Pneumatics
CEJN’s Pneumatic product line includes the world’s best-performing quick connect couplings, blowguns, polyurethane hoses, lightweight and heavy-duty hoses, cable reels and accessories. CEJN offers all the necessary components, from FRL units to compressed air couplings, to ensure reliable compressed air performance worldwide.

Breathing Air
CEJN Breathing Air couplings have a high-flow rate, a broad connection range and require only minimal force to connect. With the vital function of supplying breathing air, the need for safety and reliability is of the utmost importance. CEJN’s products are designed and manufactured to exacting standards, which has resulted in years of trouble-free service. Presented here are CEJN’s couplings and nipples, hoses, hose kits and accessories for breathing air applications.

Fluids
To quickly connect and disconnect are abilities products for fluids must have, as well as being leak free, able to withstand the media transferred and to endure the operating conditions they are subjected to. All of which CEJN Fluid products have. Couplings and nipples for fluids are available in valved and valveless designs for low- and medium pressure application. Presented here are couplings and nipples, hoses and hose kits for fluid applications.

Hydraulics
CEJN Hydraulic couplings are suitable for applications with operating pressures up to 320 bar (4640 PSI) for both industrial and mobile hydraulics. By using CEJN Hydraulic couplings, pollution through hydraulic fluid leakage is reduced and helps to protect the environment from harm. Presented here are couplings, nipples, and pressure testing systems for hydraulic applications.
High Torque Planetary Gear Boxes and Drives

High-pressure Hydraulics
CEJN has over 40 years of experience in quick connect coupling technology for high-pressure hydraulics and offers a wide range of products with operating pressures up to 3000 bar (43,500 PSI). CEJN High-Pressure Hydraulic couplings are specially designed for ultra high pressure pumps, rescue equipment and other demanding applications. Presented here are couplings and nipples, hoses, pressure gauges and porting blocks for high-pressure hydraulic applications.

Multi & Auto
CEJN’s Multi- & Auto products are high-tech couplings and nipples designed to be built into manifolds and plates. This enables several fluid lines to be engaged and connected and disconnected in an instant. Presented here are three styles designed for modular systems: Automation couplings suitable for fluid or hydraulic applications and the Multi-Snap system for fluid applications.

WEO Plug-In
As more and more applications industry-wide are being converted from threaded to threadless connectors, WEO Plug-In hose fittings are the connection of choice for critical equipment applications. CEJN WEO Plug-In threadless hose fittings simply “plug in” to hydraulic systems. WEO fittings are available in sizes 1/4” through 1” with maximum working pressures of up 350 bar (5075 PSI). Presented here are couplings, nipples, cartridges and ferrules for mobile hydraulic applications.

Tools & Equipment
Under the product range “Tools and Equipment” CEJN makes automotive service tools that focus on making fluid handling easier, brake servicing quicker and brake bleeding safer for the operator. These automotive products go hand in hand with CEJN pneumatic products for compressed air applications.
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- Process Unit MultiRound
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Whether meeting our own high standards, those required by our customers or by regulatory agencies, HYDRA tech understands the importance of quality. HYDRA tech maintains a focus on producing a high level of quality and cleanliness in installation and 100% testing of all cylinders. As a result, our customers know HYDRA tech cylinders are always an excellent choice for applications requiring durability and constant use, and where maintenance and repairs must be kept to a minimum.
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Pneumatic: 3A, CA and LA

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Express Delivery

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- Aluminum
- Hanna Duralon Rod Bearings
- Engineered Composites
- Special Rod Coatings

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Large Bores
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- Nitrile
- Teflon

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