Hydrotech®

Motion Control Solutions

Innovative Ideas. Technical Expertise. Engineered Solutions.

Maintenance Repair Operations Catalog

Distribution | Engineering | Integration | Service

Hydrotech®

Motion Control Solutions

Innovative Ideas. Technical Expertise. Engineered Solutions.

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.

“If it moves, we can help.”

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Rexroth
Bosch Group
Hydraulics

Pumps

Motors

Hydrostatic Transmissions

Electronics

Valves

Cylinders

Power Units

Rexroth
Bosch Group

Pneumatics, Drives & Controls and Linear Motion

Valves

Compressed Air Products

Cylinders

Connector Technology

Ball Screw Assemblies

Linear Motion

Indramat Products

Indramat Drives

Fluid Condition Monitoring & Contamination Control

Hydraulic & Lubrication

Clogging Indicators

Offline Filtration

Water/Process Filtration

Accumulators

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.

Accumulators

Accumulator Charging Kits

Filter Systems

Filter Elements

Contamination Monitors

Contamination Sensor Modules

Metallic Contamination Sensors

Aquasensor

Contamination Test Units

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

HYDAC

Accessories, Test points, Connectors, Adaptors

Compact Hydraulics

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

Accessories, Test points, Connectors, Adaptors (Cont.)

Temperature Transducers

Flow Sensors

Level / Temperature sensors

Manifold Assemblies

Mobile Directional Control Valv

System Solutions

Recirculating Oil

Air Oil Lubrication

Near Dry Machining (MQL)

Grease Lubrication

Applications

Near Dry Machining (MLQ)

Chain & Conveyor Lubrication

Heavy Duty Industries

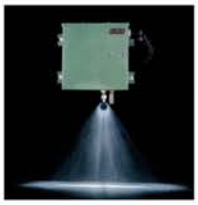
Steel & Aluminum

Machine Tools

Paper & Pulp

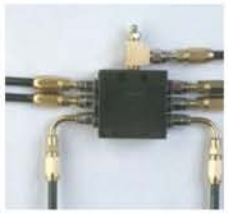
Train Lubrication

Lincoln Industrial
Lincoln Lube



Automated Lubrication

Centro-Matic



Quicklub®

Modular Lube

ORSCO® Engineered Systems

Lincoln Industrial
Lincoln Lube

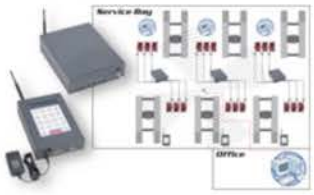
Duo-Matic

Fittings and Installation Components

Railroad Lubrication

General Lubrication Products

PowerLuber



Lincoln Fluid Control

Heavy-Duty Pumps

WEBTEC
WEBSTER INSTRUMENTS

Manufacturers of hydraulic components and test equipment for the Mobile, Industrial and Agricultural Industries

Hydraulic control valves

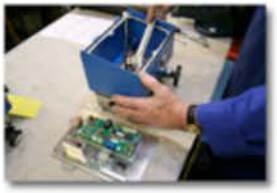
Flow condition monitoring

Diagnostic test equipment

Test stand Instrumentation

Spares, Repairs & Calibration

Repair and recalibration facilities for flow, pressure and temperature instrumentation as well as spares for all Webtec manufactured products.



Since 1984, global customers in construction equipment, trucking, material handling, industrial and injection molding industries have relied on Holmbury as a centralized, accountable source for the widest array of couplings, plate connectors, ball valves, check valves, and accessories at the lowest total cost. All products are designed by engineers with years of insight, experience and know-how. Holmbury also maintains strict control of each manufacturing function, optimizing quality at each step along the process.

FLAT-FACE COUPLINGS

GENERAL PURPOSE COUPLINGS

SCREW TO CONNECT COUPLINGS

MULTIPLE COUPLING CONNECTORS

ROTARY COUPLINGS

BALL VALVES

CHECK VALVES

PATTERN CHANGER VALVE

AGRICULTURE COUPLINGS

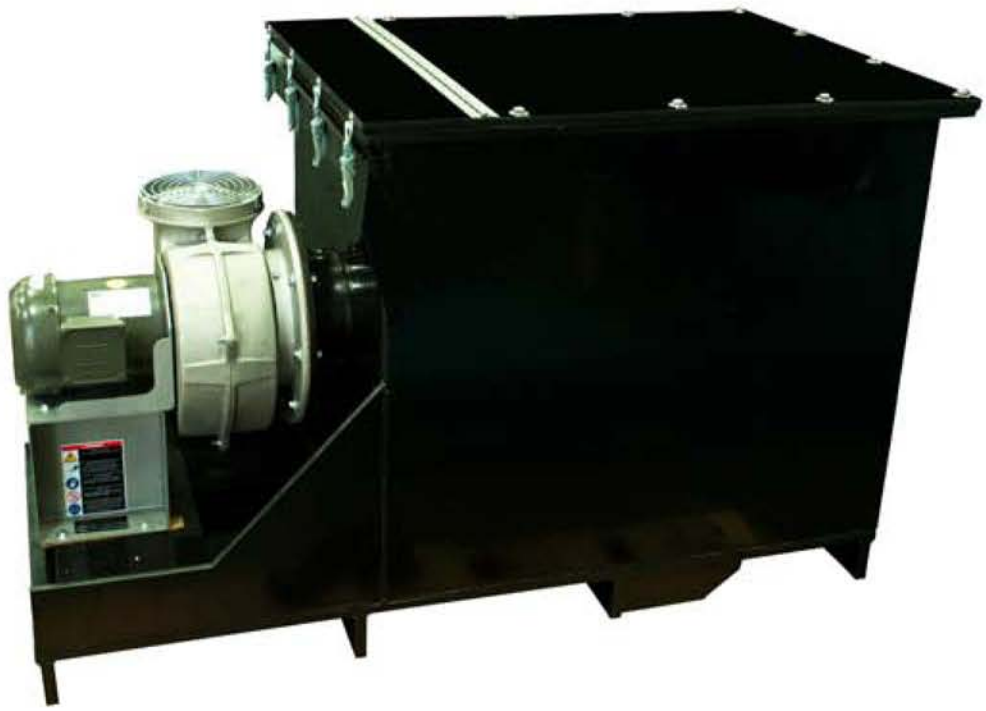
ACCESSORIES

EnPro

A division of Hydrotech, Inc.

Innovative Ideas. Technical Expertise. Engineered Solutions.

Mist Separator Series



• No Consumables • Revolutionary Design • Patented Process • Low Operating Cost
• High Efficiency Using Coalescing Plate Media
• Meets NIOSH Standards • All Polypropylene Media & Housing

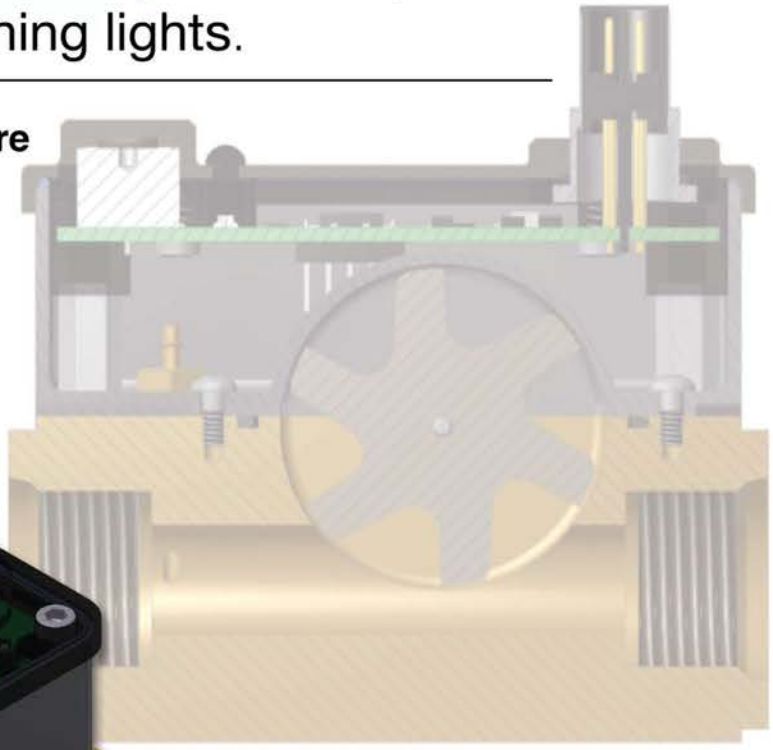
Questions or Comments?

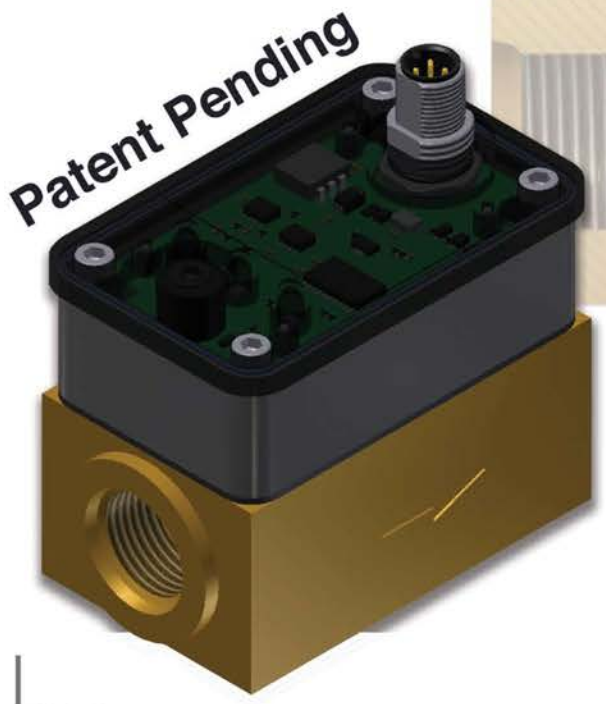
www..hydrotech.com 1-513-881-7009 www.enprodiv.com

PUMP M.D.

Be able to predict system problems before they become an emergency by measuring the vital signs of your pump with the Pump M.D. simple and easy to read warning lights.

- **Measures Case Drain Pressure**
- **Measures Case Drain Temp**
- **Measures Case Drain Flow**





Hydrotech®
Motion Control Solutions
Innovative Ideas. Technical Expertise. Engineered Solutions.

10052 Commerce Park Drive
Cincinnati, Ohio 45246
PH: 513-881-7000
Fax: 513-881-7010

Hydraulic Valve Manifolds

Cover Plates

Flanges

Servo Valve Sub Plates

Tapping Plates

Sub Plates DIN Cartrige

Valve Bodies Header &
Junction Blocks

Custom Products

Standard NFPA Tie Rod Cylinders

Hydraulic: 2H, 3H and 3L
Pneumatic: 3A, CA and LA

Hydraulic Rotators
Double-Welded Life and Steering Cylinders
Accumulators (ASME U stamp available)
Air/Oil Cylinders
Express Delivery

Specials and Custom Cylinders

1.5–40" Bores
Strokes to 325
Special Materials
- *Steels*
- *Stainless steels*
- *Bronze*
- *Brass*
- *Aluminum*
- *Hanna Duralon Rod Bearings*
- *Engineered Composites*
- *Special Rod Coatings*

High-Pressure Cylinders
Large Bores
Piggyback Cylinders
Special Application Needs
Spring Extend and Retract Cylinders
Certified Materials
Special Seals and Seal Materials
- *Viton*
- *Polyurethane*
- *Nitrile*
- *Teflon*

HYDRA tech

Manufacturing Capabilities

Heavy duty welded and mill type cylinder designs

Bore sizes to 60 inches
Strokes to 45 feet
80,000 square foot manufacturing facility
Lathe capacity to 67 inches outside diameter
Overhead lifting capacity to 40 tons
State-of-the-art test stand for hydraulic and water glycol to 10,000 psi
3D design modeling
Metric dimensions offered

Quality is always top priority.
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.

Thermal Transfer Products
A ThermaSys® Company

Industrial Hydraulic Oil Coolers

Mobile Hydraulic Oil Coolers

Process Coolers

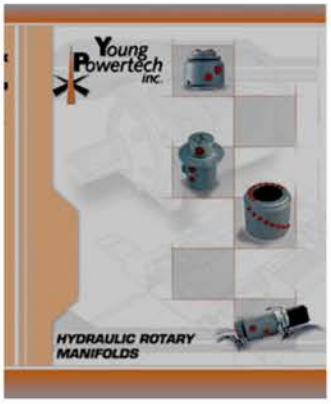
Compressed Air Coolers

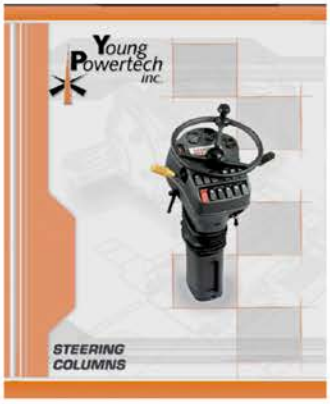
Young Powertech inc.
ORBITAL MOTORS CATALOG

Young Powertech inc.
Radial Piston Motors

Young Powertech inc.
RADIO REMOTE CONTROLS

Young Powertech inc.
Hydraulic Steering Control Unit & Accessories Catalog


Young Powertech inc.
HYDRAULIC ROTARY MANIFOLDS


Young Powertech inc.
STEERING COLUMNS

Young Powertech inc.
PLANETARY GEARS REDUCERS

Young Powertech inc.
HYD - DRIVES
Series 700

Young Powertech inc.
Series 900
Heco 16 FF-CF Interchange
PLANETARY GEARS REDUCERS

Young Powertech inc.
YFCS1
YFCRS1
VARIABLE FLOW CONTROLS

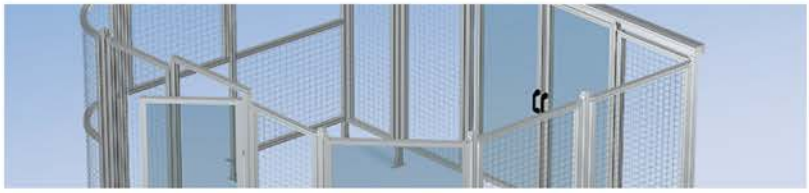
TECHNOLOGY GROUP

Mechanical Modules and Components for your Factory Automation

Profile Technology

Conveyor Technology

Linear Motion



Factory Equipment

YASKAWA
The Drive for Quality™

Industrial AC Drives and Motors

Spindle Drives

WITTENSTEIN | alpha

Precision Gearboxes

Actuators

Motors

Control Loading Systems

marathon® electric

AC/DC Motors

Blowers

Encoders

Brakes

NASON

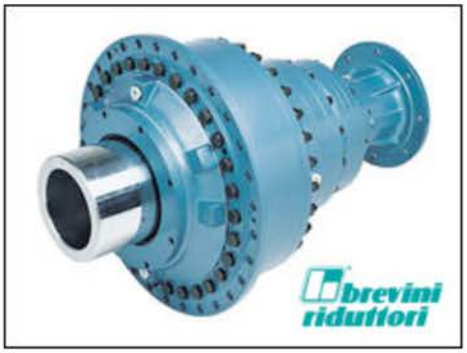
NEW THINKING

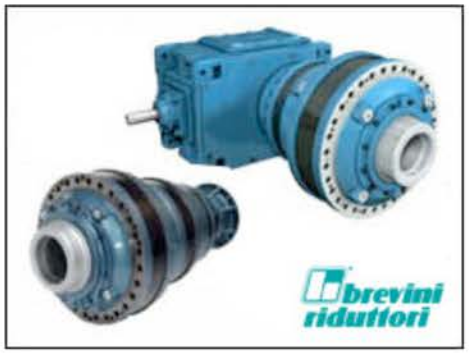
Engineered Switches

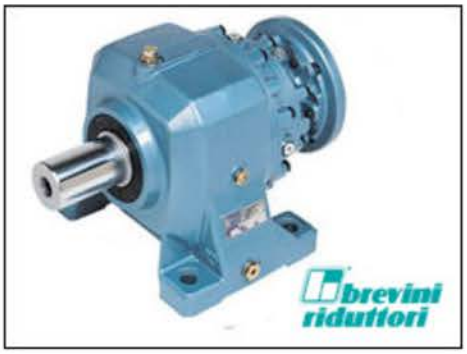
Custom Engineered Switches & Electrical Connections

brevini power transmission

High Torque Planetary Gear Boxes and Drives

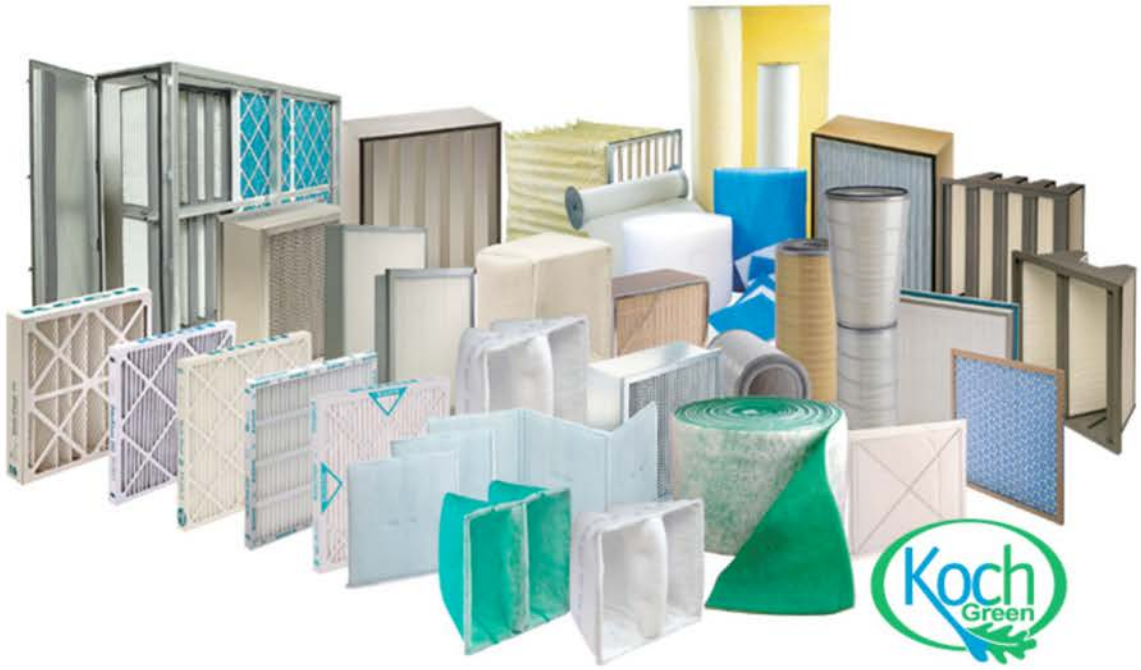






Koch Filter Corporation
Filtration Products Crafted with Pride

A manufacturer of air filtration products and for commercial, industrial, medical, and paint filtration systems.



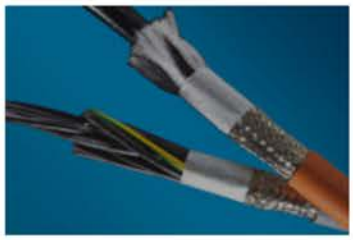
The complete line of Air Filtration Products for Commercial, Industrial, Hospital, Gas Turbine and Paint Filtration Applications

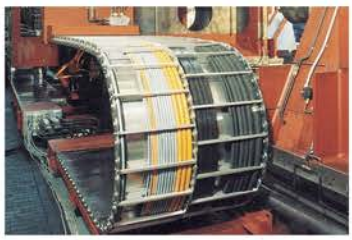
brevetti stendalto

Nylon Cable Chains

Steel Cable Chains

Flexible Cables





Total Chain

Sleeving Polyamide

canfield connector

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

Canfield Connector- Electronic timers, Interconnection Devices and Electronic Connectors

Hydrotech®
Motion Control Solutions

Mobile Hydraulic Products

Hydrotech Inc. "Your Mobile Hydraulics solitions provider"

Pumps Manifolds Cylinders, Motors and Valves

Hydrotech®
Motion Control Solutions

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

Factory Trained Service Technicians

Sun hydraulics CORPORATION

Rexroth
Bosch Group

Complete Integration

LINCOLN INDUSTRIAL

DropsA

Filtration/Fluid Service

Additional Services

eCommerce, Online Configuration & 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

In House Training Facility

Hydrotech®
Motion Control Solutions

Cylinder Repair

Hydraulic & Pneumatic

Any Style, Make, Model or Size

Hydrotech®
Motion Control Solutions

Repair of All Manufacturers' Pumps

Hydrotech repairs all manufacturers' pumps, motors and valves

Bosch

Rexroth

Bruenninghaus

Hydromatik

Racine

Denison

OilGear

Linde

Nachi

Daikin

Parker

Eaton/Vickers

Hydrotech®
Motion Control Solutions

Repair of All Manufacturers' Valves
Valve Types: Servo, proportional and directional

Bosch

Rexroth

Vickers'

Parker

Atos

Nachi

Ross

Moog

Hydrotech®
Motion Control Solutions

DynaDrive Division
Automation Technologies

"If it moves, we can help."

DynaDrive'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.

"DynaDrive Motion Control Solutions®
Give life to your machinery and equipment."

Rexroth Bosch Group
mk Technology Group
NASON NEW THINKING
marathon electric
Lexair, Inc.
YASKAWA The Drive for Quality™
WITTENSTEIN alpha
canfield connector
SPARTAN SCIENTIFIC

Check our website for more detail.
www.hydrotechautomation.com

Hydrotech®
Motion Control Solutions

Systems & Engineering

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.

Rexroth Bosch Group
Hydrotech Power Units & Systems
HYDAC
sun hydraulics corporation
DHP Power Packs
TS Thermal Transfer Products
Young Powertech inc
Hanna cylinders
HYDRAtech/CRC
Daman

DHP
POWER PACKS

We take great pride in manufacturing superior compact hydraulic solutions tailored specifically to your needs.

Don't settle for the competitor's "standard" line. The only "standard" at DHP is first class products and services.

Don't just take our word, contact DHP Power Packs today to quote your applications and let us prove it!

Check our website for more detail.

www.dhppowerpacks.com

Hydrotech®
Motion Control Solutions

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 Mobil Controls
Hedland Flow Meters
Helac Rotary Actuators
Hennig Machine Tool Protection
Hewitt U.S.A.
Horner Electrical PLC's
Hydac International
Hydrotech Systems
Kessler Ellis
Lake Flow Meters
Lexair Inc
Lincoln Lubrication
Lube Devices
Marathon Electric
MK Technology Group
MTS Sensors
M&W Custom Manifolds
Nason Prerssure Switches
NGT Valves
Orsco Lubrication
Rineer Hydraulics
SC Hydraulics
Star Hydraulic Pumps
STC Valves
Sun Hydraulics
Thermasys Thermal Transfer
TSII Electrical Connectors
Jakob Precision Couplings
VSE Flow Meters
Vescor Hydraulic Reservoirs
Walvoil Mobile Valves
Western Fluidyne
Wittenstein/Alpha
Yaskawa

Hydrotech®

Motion Control Solutions

Innovative Ideas. Technical Expertise. Engineered Solutions.

Your Mobile Hydraulics Solutions Provider

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

Phone **800-891-4650**

Order online at **http://www.hydrotech.com**

ISO9001:2008

Certificate No. 4297

EAGLE Registrations Inc.

SERVICE • INTEGRITY • VALUE

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 piped. 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, 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, 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.

Hydrotech®
Motion Control Solutions

10052 Commerce Park Drive Cincinnati, Ohio 45246-1338
513-881-7000 fax 513-881-7010

Columbus 614-895-3104 fax 614-895-3134
Akron/Cleveland 330-923-4853 fax 330-923-5760
Dayton 513-881-7000 fax 513-881-7010
Louisville 502-231-2228 fax 502-231-2422

Cuyahoga Falls
135 East Ascot Lane P.O.Box 4050 Cuyahoga Falls, Ohio 44223-4050
330-923-4853
fax 330-923-5760

DynaDrive Division 330-920-6290

Phone 800-891-4650
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www.hydrotech.com

ISO9001:2008
Certificate No. 4297