

# **Motion Products & Electric Products**

# YASKAWA

# Yaskawa

Brushless AC servomotors, digital amplifiers for single and multi-axis systems & Variable Frequency Drives



#### Exor America

HMI products combine state-of-the-art features with an outstanding design. True Glass Surfaces. Capacitive Touch. ATEX, UL and DNV approvals. HMI+PLC



#### Bimba Electric Motion

H-bots, T-Bots, Rod Style Electric & Rodless actuators, Linear Robots, Guided Thrusters, and Rack and Pinion Actuators



# Hunt Valve Actuator Division

Comprehensive range of precision, high capacity, high thrust, high speed, sealed rodless linear actuators, & screw jacks.



#### Nidec-Shimpo:

Superior design, High Precision gearboxes, low backlash servo-gearbox and Heavy Industrial power transmission products.



#### Rollon

Linear motion systems, guides, linear actuators, Heavy duty telescopic linear guides and drawer



## TOYO

Clean Room Actuators, Multi Axis Belt & Ballscrew Type Actuator Assemblies, Miniature Rod Type Actuators



# VIPA I/O Controls:

Complete line of network decentralized I/O systems. PROFINET and PROFIBUS, EtherCAT, DeviceNet, CANopen, EtherNet/IP as well as Modbus TCP



## Yaskawa Robotics [Motoman]

Robotic automation solutions arc welding, assembly, clean room, coating, dispensing,



# NBK

A leading coupling manufacturer. XG Series high gain type couplings, Disc-type XHW -



Roller screw, ballscrew, lead screw actuators.



World leader in linear motion technology and innovations. Guides, ball screws, bearings and integrated packages.



# Watt Drive

Modular design inverter duty gearboxes, All Servomotor MFG flange mounts



# PMI - Accu Tech USA

Largest selection of linear guides and ball screws in North America



# Mencom Corporation & ILME:

Industrial Connector Products and Heavy duty multipole connectors



# Kamo Seiko

Zero backlash right angle and pancake speed reducers. Multiple stop miniature indexers.



# Nexen:

High speed precision rack and pinion linear drive systems. Clamping and braking elements for linear guides.



# Canfield Connector

Interconnection devices, electronic timers, connectors, sensors, modules and specialty electronic devices



# Euchner

Safety Interlocks



# Leuze

Saftey light curtains and saftey switches



**X**PMI

# PMI Linear Guides

Linear guides, low noise ballscrews, Mono Stages



# Pacific Bearing

Shafting, Self-Lubricating Bearings, linear slides, pillow blocks, sleeve bearings.



# Numatics FieldBus and I/O Products

Network Protocols: DeviceNet, DeviceNet w/Quick Connect, Ethernet IP, PROFIBUS-DP, CANopen, PROFINET, DeviceNet w/DeviceLogix, and more.



# Tslots & Fath

Aluminum extrusion and hardware for industrial framework.



# Pneumatic Products



#### Air Vac

Air operated vacuum pumps to 29.7" Hg, vacuum flows from 2 to 128 scfm. Complete line of accessories



#### **ASCO Numatics**

The world's largest line of flow control components including solenoid pilot valves, angle body piston valves, linear and rotary valve monitoring systems, redundant control systems, and pressure sensors.



## Coval

Coval vacuum handling with components and optimizing systems, integrating intelligent reliable functions, adaptable to your industrial needs.



# Spartan Scientific

Quality DIN-style solenoid valves for general as well as special and custom design applications. Solenoid valves include control valves and automatic condensation removal drain valves



### **Illinois Pneumatics**

Interchangeable low friction rolling diaphragm air cylinders



# Turn-Act

Rotary actuators.



# Mach III

Custom manufacturer of clutches, brakes, torque limiters and tension control systems. Shaft sizes up to 3 inches and torque requirements up to 15,000 in lbs



# Greenco

Leaders in rodless cylinders. Cable cylinders 1/2" to 8" bore, air and hydraulic. Strokes up to 100 feet.



# Rockford Air

Cylinders and boosters



# Pisco

Pneumatic push-to-connect fittings for 1/8" through 5/8" and 3mm through 16mm tubing. 10-32 UNF through 1/2" NPT and M5, M6 and R1/8 through R1/2 PT thread.



# Tslots & Fath

Aluminum extrusion and hardware for industrial framework.



# Proportion Air

Electronically controlled air valves with internal and external feedback capabilities, operating with digital or analog inputs.

Pressure transducers and accessories.



## SPC

Pneumatic push-to-connect fittings for 1/8" through 1/2" and 4mm through 12mm o.d. tubing. 10-32 UNF through 1/2" NPT, M5-M6 and R1/8 through R1/2 PT, and G01 through G04 O-ring seal threads.



# NGT

Pilot operated check valves and grippers



### **Compact Air**

Complete line of small bore and hollow rod cylinders, grippers, slides,



### Watts

A complete line of filters, regulators and lubricators 1/8" to 2-1/2"



### \ce

Deceleration & Vibration Technology, Industrial adjustable and self compensating shock absorbers with interchangeable mounting



# Fabco-Air

Air Prep., Pancake cylinders, Square cylinders, tie rod cylinders, Multi-Power cylinders and presses and Global Series extruded body cylinders. Many styles of pneumatic linear slides, rotary actuators, angular and parallel grippers.



# Dmfit

NSF approved plastic push-in fittings for 5/32" to 1/2" tube.



# **Colder Products Company**

Couplings



# Pneumadyne

Miniature pneumatic directional valves, fittings, regulators, timers, manifolds, shuttle valves, needle and flow control valves, air jets, and valve actuators. 10-32 through 3/8" NPT ports.



# Springville Mfg

Cylinders with concentration on "special" custom designed cylinders



# Hydraulic Products & Accessory Products



# SC Hydraulic

Air operated hydraulic pumps, systems and accessories. Hydraulic pressures to 60,000 PSI,



# Hydronic

Air driven hydraulic power packs



## Hanna

NFPA tie rod, custom mobile, mill type, corrosion resistant and plastic molded, marine, nuclear and special cylinders. 1-1/2" through 24" bores. 250 PSI pneumatic, 3000 PSI hydraulic



# Tslots & Fath

Aluminum extrusion and hardware for industrial framework.



# Deltrol

Flow controls



## Ergo-Help

Compact Double-Acting Telecoping Pneumatic Cylinders



# Hankison

Filters and dryers



# Hawk

Pressure Guages



# John Guest

NSF approved plastic push-in fittings for 5/32" to 1/2" tube



# Sempress

Pneumatic Indexing and dividing tables



# Lexair

Pinch and poppet valves



# Lake

Monitors



# Pizzato

Position switches, safety switches, microswitches, foot switches



# Contrinex

Wide range of proximity switches, virtually all the common standardized inductive and photoelectric types



#### Ortman

Interchangeable NFPA tie rod cylinders, round body cylinders, rugged boosters, air-oil tanks



# HR Textron

Direct drive hydraulic and pneumatic servo valves and motion control products.



## ITW Vortec

Vortex tubes, cold air guns, personal cooling and heating systems, transvectors, blowoff nozzles, jets and accessories.



#### Hubble

Workstations, Tool Balancers, Torque Arms & Tool Positioners



# UCI

Gauges, valves and manifolds



#### Nasco

Load positioning systems, tool balancing, automatic screw feeding systems



### Deschner

Kinechecks, speed regulators for moving devices, adjustable leakproof impact absorbers



# Amlok

Rod clamps



# Vi-Cas Manufacturing Company

vacuum cups and accessories



# Watson Pneumatics

Miniature pneumatics, right angle control valves



# **WERMA**

Stackable lights



# BTI

Non-Contact Safety Switches



### GWI

Manifolds used for Air, Water or Hydraulic (1000 PSI). Corrosion resistant anodized finish.



# $Free lin Wade \ \& \ Coilhose \ Pneumatics$

Nylon, Polyurethane, Polyethylene, Multilayer tubing, Air Tool Accessories and Air Line Controls