

Ralph W. Earl

AUTOMATION SOLUTIONS



ENGINEERING

SYSTEMS

ASSEMBLY

COMPONENTS

ELECTRONIC

PNEUMATIC

HYDRAULIC

PROCESS



Our History

The Ralph W. Earl Company was founded in 1954 as a Fluid Power Distributor serving Central New York with a few product lines. As the company and the fluid power industry grew, Ralph W. Earl added additional product lines and expanded our coverage to all of Upstate New York and Northern Pennsylvania.

Since then, the company's core competencies have expanded to include engineering and assembling of complete hydraulic and pneumatic systems. Electric products have been added, and those complete systems have become more complex. Our mission is to make it easy for manufacturers to adopt new technologies and reduce their manufacturing costs.

Ralph W. Earl currently partners with over 50 leaders in the pneumatic, electronic, and hydraulic industries. The selection of those suppliers is driven by the need to help customers optimize their manufacturing processes with cutting edge technology.

We now employ approximately 55 people. Our main facility is located in Syracuse, New York. We occupy 44,000 square feet on East Molloy Road, with field offices in Albany, Binghamton, Buffalo, Cortland, Rochester, and Erie, PA.

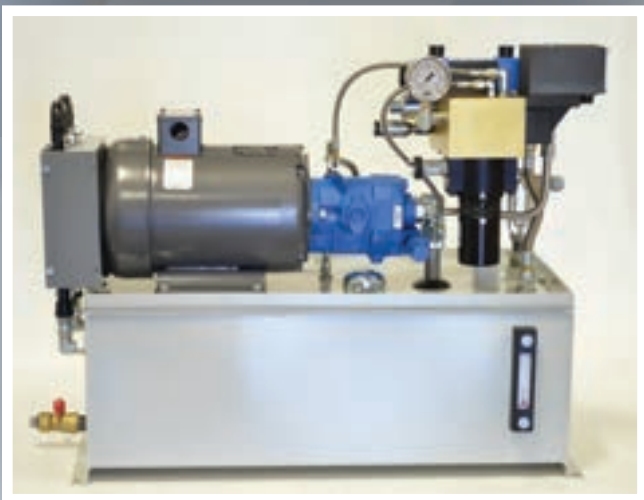
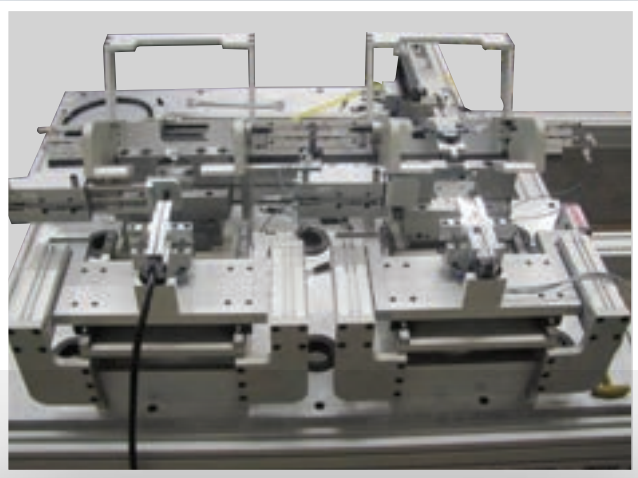
Why Ralph W. Earl?

Automation Technology is changing rapidly as manufacturers look to find ways to improve productivity and reduce costs. Our mission is to provide the expertise and products to help our customers apply cutting-edge solutions from the best manufacturers in the industry, while making it easy for manufacturer's to adapt new technologies and reduce their manufacturing costs.

Rapidly changing technologies in the areas of robotics, bus control schemes and architecture, safety compliance, predictive maintenance, hydraulic motion control, RFID, process automation, industrial ergonomics, and machine vision are just a few that manufacturers will struggle to stay abreast of without the help of experts like Ralph W. Earl, who focus on these things every day. Industrial Internet of Things (IIoT) and Industry 4.0 are already influencing the next wave of manufacturing technology evolution, and need to be understood and applied.

If you are looking to partner with a company with a proven commitment to innovation, a company that knows how to handle and take advantage of emerging manufacturing technologies, please contact us. We look forward to talking with you.

Engineering • Systems • Assembly • Components



Pneumatics



IMI Norgren
Pinch Valves and Integrated Fluid Control Assemblies



Adsens Technology
Pressure Switches, Magnetic Sensors, Pneumatic Fittings, Electrical Connectors and Accessories



Air/Tak
Air Dryers and Compressed Air System Products



Airtech
Vacuum Pumps, Blowers, and Compressors



Anver
Vacuum Material Handling & Lifting Components



IMI Bimba
Pneumatic & Electro-Pneumatic Cylinders, and Rotary Actuators

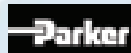
Mead Series
Pneumatic Actuators, FRL's and Specialty Valves



Bridgestone
Air Spring Grippers and Pickers



Camozzi Pneumatics
Pneumatic Fittings, Flow Controls, Cylinders, and Filter/Regulator/Lubricators



Parker Vacuum
Pressure & Vacuum Sensors and Transducers



Deltrol Fluid Products
Pneumatic & Hydraulic Valves and Flow Controls



Fabco-Air
Actuators, Linear Slides, Grippers, Valves, Air Prep and Accessories



Festo Pneumatic Products
Pneumatic Cylinders, Linear and Rotary Actuators, Valves, Manifolds, Servo Pneumatic Positioning Systems, Vacuum Technology, Air Preparation Units, Safety Solutions, Sensors, Fittings, and Accessories



Firestone Industrial
Air Spring Actuators and Vibration Isolators



Flo-Tech
Flow Meters and Sensors



Hedland
Flow Meters and Sensors



Danfoss
Industrial Pneumatic Cylinders



Parker Legris
Pneumatic Fittings, Valves, Accessories, and FRL's



Monnier
Custom Air Preparation and Pneumatic Components



NewAge Industries
Tubing, Hose, Fittings, and Accessories



Pneumadyne Series
Miniature Pneumatic Products



PolyConn
Pneumatic Tubing, Hose, and Accessories



Parker Rectus
Quick Connect Couplings, Hoses, and Tubing



Sheffer
Hydraulic & Pneumatic NFPA Cylinders



Spartan Scientific
Solenoid Valves and Air Accessories



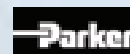
TRD Series
Pneumatic Tie-Rod Cylinders, Rod Alignment Couplers, Air/Oil Tanks



UCI
Valves and Accessories



Vaccon Series
Air-Operated Vacuum Pumps, Vacuum Cups, Vacuum and Pressure Switches, Vacuum Accessories



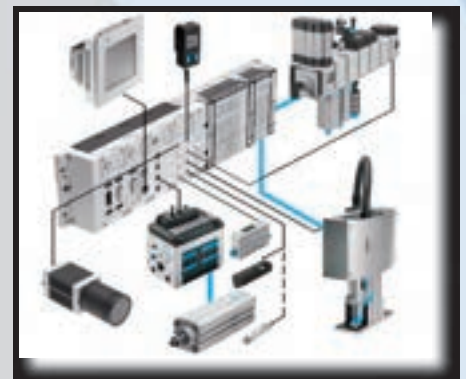
Parker Watts
Particulate Filters, Coalescing Filters, Regulators, Lubricators



Wilkerson
Particulate Filters, Coalescing Filters, Regulators, Lubricators, Dryers, Separators, Drains, and Compressor Room Equipment



Winters
Pressure Gauges, Transmitters, Thermometers and Accessories



Hydraulics and Lubrication



Air Sentry
Air Breathers for Particulate and Water Removal



Alemite
Grease-Based Lubrication Products and Solutions



Anchor Flange
SAE 4-bolt Solid and Split Flanges



Atos
Electrohydraulic Valves and Pumps, Cylinders, and Safety Valves



Danfoss
High, Medium and Low Pressure Filters, Filtration Systems, Contamination Monitoring Systems, Breather Filters and Filter Elements, Hydraulic Pumps, Motors, Valves, Hydrostatic Transmissions, Electronics, and Accessories

Hydro-Line by Danfoss
Industrial Hydraulic Cylinders

Char-Lynn by Danfoss
Hydraulic Motors, Steering Products, and Valves

Vickers by Danfoss
Hydraulic Pumps, Motors, Valves, Electronics, Controls, and Accessories



Delta Power
Hydraulic Pumps, Motors, Flow Dividers, Power Packages, and Valves



Deltrol Fluid Products
Pneumatic & Hydraulic Valves and Flow Controls



DMIC
Hydraulic Ball Valves, Flanges, and Accessories

ISO 9001:2008 CERTIFIED



Eaton
High, Medium and Low Pressure Filters, Filtration Systems, Contamination Monitoring Systems, Breather Filters and Filter Elements



Flairline
Low-Pressure Actuators



Flo-Tech
Flow Meters and Sensors



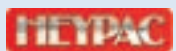
Flow Ezy Filters
Hydraulic Filters, Strainers, and Accessories



Graco
Fluid Handling Products and Solutions



Hedland
Flow Meters and Sensors



Heypac
Air-Operated Pumps and Power Packs



Hydronic Pumps
Air-Driven Hydraulic Pumps



Kyntronics
Hydraulic and Electro-Hydraulic Actuators



Lenz
Hydraulic Fittings, Tubing, Hose, Gauges, and Accessories



Lincoln Industrial
Grease-Based Lubrication Products and Solutions



Magnaloy Coupling
Pump/Motor Adapters, Shaft Couplings, Manifolds, Rod-Alignment Couplers, and Tank Accessories



Marzocchi Pumps
Gear Pumps and Motors



Oilgear
Pumps, Valves, Cylinders, and Accumulators



Orsco
Oil-Spray and Grease-Spray Lubrication Systems



Pall Corporation
Filters and Fluid Clarification Systems for Hydraulic, Lubrication, and Process Applications



Parker Rectus/Nycoil
Quick Connect Couplings, Hoses, and Tubing



Sheffer
Hydraulic & Pneumatic NFPA Cylinders



SKF
Oil-Based Lubrication Products and Solutions



Stauff
Hydraulic Supports, Filters, Diagnostics, Accumulators, Ball Valves



Tan Delta
Oil Condition Monitoring Solutions



Thermal Transfer
Heat Exchangers and Accessories



Tobul Accumulator
Hydraulic Accumulators



TRD Series
Hydraulic NFPA Cylinders



Winters
Pressure Gauges, Transmitters, Thermometers and Accessories

Automation, Controls and Electric

80/20[®] Inc.

The Industrial Erector Set[™]



80/20

Custom Collaborative Industrial Robot Cells, Robot Top Modules

Applied Motion Products

Servo and Stepper Motors

BALLUFF

Balluff

Sensors, Transducers, Machine Vision, Cables, Connectors and Communication



IMI Bimba

Pneumatic & Electro-Pneumatic Cylinders, Rotary Actuators, Electric Linear Actuators - Ballscrew, Leadscrew, Linear Servomotor, Belt, and Rack & Pinion Drive



Canfield Connector

Electrical Connectors



Dyadic

Electric Actuators



EDRIVE

Electric Heavy-Duty Ball Screw Linear Actuators



Euchner

Industrial Safety Products and Solutions



Festo Electric Products

Electromechanical Linear and Rotary Actuators and Grippers, Servo and Stepper Motors, Drives Systems, Controllers, Safety, Software, Handling Systems, Image Processing Systems and Sensors. Electric Parallel Gripper, Adaptive Shape Gripper, Vacuum Gripper, and 7th Axis for Collaborative Robots, Lift Platform for Mobile Industrial Robots



Flexibowl

Flexible Part Feeder, URcap



Flexxbotics

Offers everything needed to combine existing machinery and systems with new robotic automation technologies



GAM

Gear Reducers, Servo Couplings and Linear Mounting Kits



JVL

Stepper Motors with Integrated Controller



MiR

Mobile Industrial Robots, Applications, Top Modules and Accessories



MTS Temposonics

Linear Position Sensors, Level Sensors, and Transducers



Murrelektronik

Electrical Connections and Communications



OnRobot

Collaborative Robot Grippers, Vision System, Screw-driver, Sander, Quick Changer and Multi-axial Force/Torque Sensors (for use with Collaborative Robots)



Pepperl & Fuchs

Capacitive, Inductive, Ultrasonic, and Photoelectric Sensors, Zone Scanners, AS-Interface, ID Systems, Rotary Encoders, Cordsets, and Junction Blocks



QC Industries

Low Profile Belt Conveyors



Robo-Gear

Industrial Robot Covers, Disposable/Paint Robot Covers and Services, Custom Cable, Conduit and Lift Table Covers



Robotiq Robots

Collaborative Robot Grippers, Force/Torque Sensors, Wrist Camera, Palletizing Solution, Machine Tending Solution, Screwdriving Solution, (for use with Collaborative Robots)



Roboworld

Protective Robot Suits (for use with Universal Collaborative Robots)



ROEQ

Top Modules and Docking Stations for Mobile Industrial Robots



Schlegel

Pushbuttons, E-Stops, Switches, Pilot Lights, and Terminal Blocks



Schunk

Machine Vision Systems, Electric, Co-Act and Pneumatic Grippers, Flex Grip Solution, Force/Torque Sensor, and Tool Changers for Collaborative Robots



Sensopart

Vision and Sensor Cameras for the identification or inspection of objects, positioning tasks in the robotics industry



Smooth Robotics

SmoothTool Cobot Welding Solution (for use with Universal Collaborative Robots)



Static Clean

Static Neutralizing Systems, Bars and Power Supplies, Ionizing Bench Top and Overhead Blowers, Ionizing Air Guns and Nozzles, Electrostatic Charging Equipment, Sheet/Web Cleaners, Laminar Flow Benches, Medical Cleaning Stations, Clean Room Systems and Static Control Measuring Devices



Swivellink

Standard and Cobot Pedestals, Mobile Bases, Parts, Feeders, Mobile Carts, and Accessories



Unitronics

PLC + HMI in One Unit with Flexible I/O, Advanced Communication and Free Software and Utilities



Universal Robots

Collaborative Robots



Vectis

Cobot Welding Tool



WAGO

Terminal Blocks, Connectors, Power Supplies, and Field I/O Systems

Process Automation

BALLUFF

Balluff
Industrial Networking, Identification, Object Detection, Linear Position and Distance Moving

FESTO

Festo Process Products
Ball Valves, Actuators, NAMUR Valves, Sensor Boxes, Positioners, Pinch Valves and Control Cabinets for Industrial, Hazardous and Sanitary Applications

Flo-tech

Flo-Tech
Flow Meters and Sensors

HEDLAND
Flow Meters

Hedland
Flow Meters and Sensors

Parker

Parker Legris
NSF and FDA Compliant Push-to-Connect Fittings

PALL

Pall Corporation
Filters and Fluid Clarification Systems for Hydraulic, Lubrication, and Process Applications

PEPPERL+FUCHS
SENSING YOUR NEEDS

Pepperl & Fuchs
Capacitive, Inductive, Ultrasonic, and Photoelectric Sensors, Zone Scanners, AS-Interface, ID Systems, Rotary Encoders, Cordsets, and Junction Blocks

SPARTAN
SCIENTIFIC

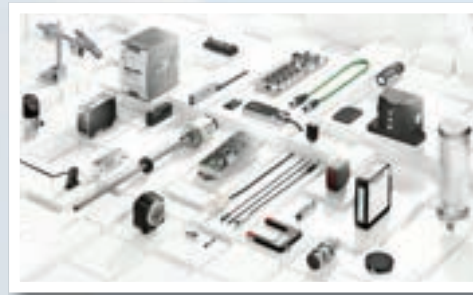
Spartan Scientific
Solenoid Valves and Air Accessories

UCI

UCI
Valves and Accessories

WINIERS

Winters
Pressure Gauges, Transmitters, Thermometers and Accessories



Mechanical / Structural

80/20[®] Inc.
The Industrial Erector Set[™]

80/20
T-Slotted Aluminum Structural Extrusions

ACE

Ace Controls
Industrial Shock Absorbers, Gas Springs, Rotary Dampers, and Elastomer Bumpers

Bishop-Wisecarver

Bishop-Wisecarver
Linear and Rotary Guide Systems

Dyna-Lift

Dyna-Lift
Ergonomic Height Adjustable Systems

EUCHNER
More than safety.

Euchner
Industrial Safety Products and Solutions

Firestone
Process Industrial Products

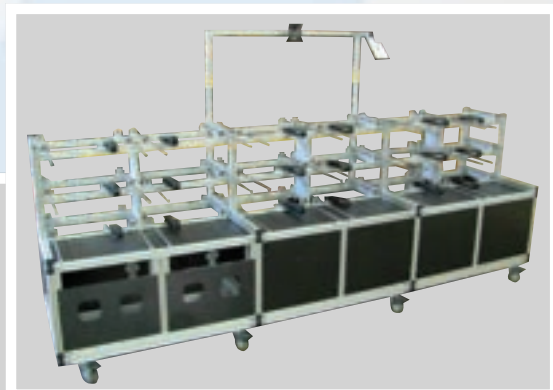
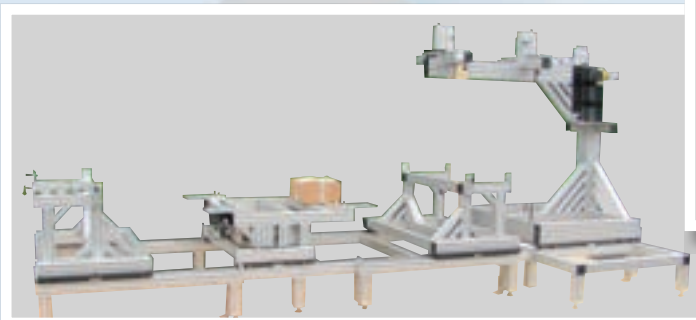
Firestone Industrial
Air Spring Actuators and Vibration Isolators

NIPPON BEARING

Nippon Bearing
Precision Bearings and Bushings

QC Industries

QC Industries
Low Profile Conveyors, and Flextrac Modular Conveyor



Ralph W. Earl

AUTOMATION SOLUTIONS



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CORTLAND
Marathon, NY 13803
Tel: (315) 454-4431

ROCHESTER
Rochester, NY 14623
Tel: (585) 697-3326



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