



EXOTIC
AUTOMATION & SUPPLY



ENGINEERED SYSTEMS

ENGINEERED SYSTEMS OVERVIEW



ENGINEERED SYSTEMS FROM EXOTIC

Since 1972, Exotic Automation & Supply has been at the forefront of providing best-in-class motion and control components for manufacturers throughout North America.

We are a premier distributor of automation systems and fluid power products from Parker Hannifin Corporation. This allows our customers to benefit from our unique ability to design and build custom hydraulic and pneumatic systems.

Contact Exotic Automation & Supply today to learn how we can optimize the performance of your fluid power applications.

ENGINEERED HYDRAULIC SYSTEMS:

- Power Units
- Manifolds
- Filter Carts
- Proportional / Servo Control

ENGINEERED PNEUMATIC SYSTEMS:

- Manifolds
- Air Panels
- Fluid Control Panels
- Filtration, Regulation, and Lubrication (FRLs)
- Custom Valve Packages

IN-HOUSE ENGINEERING AND PRODUCTION:

- Hose Assembly
- Automation Build Center
- System Design & Engineering
- In-House Painting Capability
- Full-Service Machining Center



ENGINEERED SYSTEMS FOR:

- Automotive
- Machine Tool
- Material Handling
- Food & Beverage
- Chemical Processing
- Process Control Systems
- Waste Water Treatment
- Power Generation
- Coil Handling Equipment
- Plastic Machinery
- Metal Forming
- Packaging Equipment
- Specialty Machines
- Hydraulic Presses
- Military Applications

DESIGN. BUILD. TEST. DELIVER.

From engineered systems for complex manufacturing centers to portable, compact units for hydraulic and pneumatic applications, Exotic Automation & Supply is a recognized leader in providing custom fluid power solutions.

Our ability to support customers with turn-key service from initial concept drawings to complete documentation at delivery means Exotic is uniquely positioned to solve all of your hydraulic and pneumatic challenges.

VALUE-ADDED SERVICES FROM EXOTIC:

- Technical Product Application Support
- System Design & Engineering
- Full Service Build Capabilities
- Assembly, Test, and Documentation
- Kitting
- C.A.R.E. Program:
Cost Acquisition Reduction by Exotic

A PREMIER PARKER DISTRIBUTOR:

- Hydraulic Technology Center (HTC)
- Pneumatic Technology Center (PTC)
- Automation Technology Center (ATC)
- Approved Parker Authorized Power Unit Assembler

ENGINEERED HYDRAULIC SYSTEMS



Exotic Automation & Supply provides the products and services required for all of our customers' hydraulic needs.

From comprehensive design and build solutions to hydraulic hose assemblies, you can trust Exotic's engineered hydraulic systems to keep your equipment functioning at their highest levels.

HYDRAULIC POWER UNITS

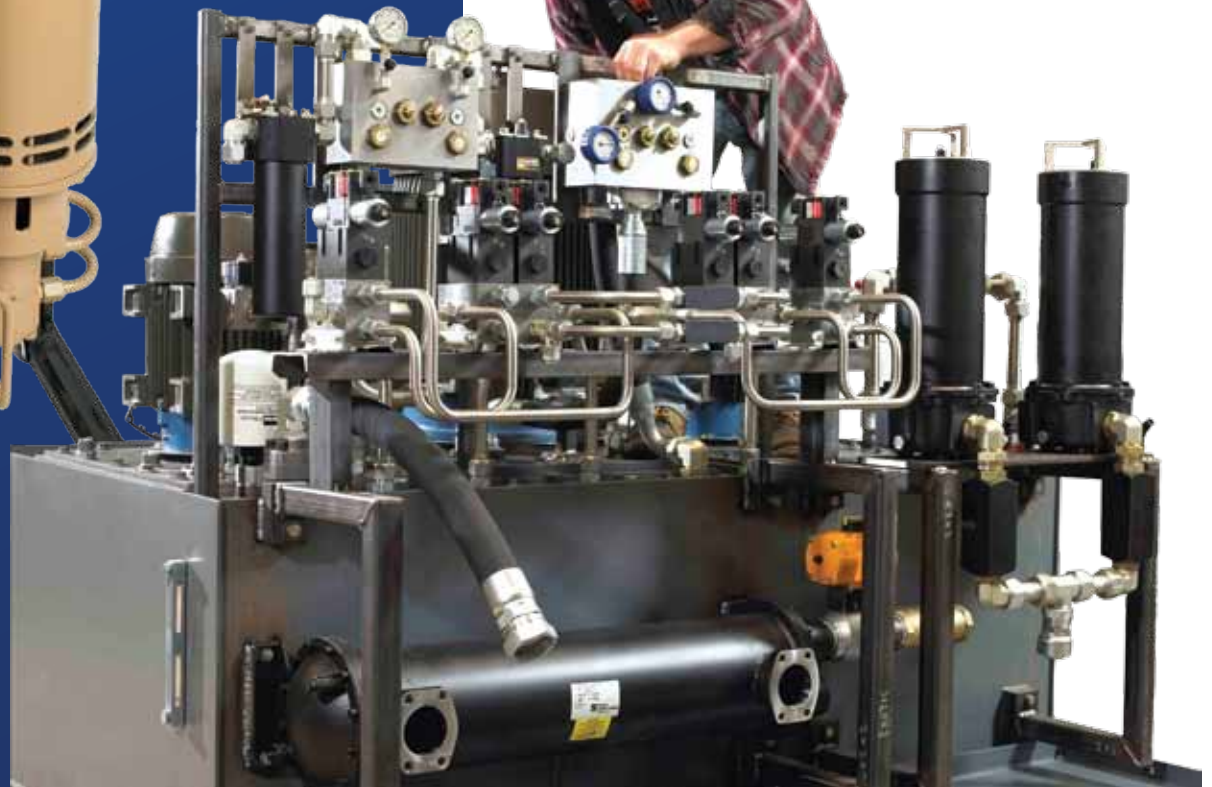
From installation on the plant floor to implementation within mobile equipment and military vehicles, hydraulic power units from Exotic are designed and built to our customers' exact specifications.

CONFIGURATIONS:

- Conventional
- L – Shaped
- Vertical
- Stack Frame

CUSTOM FEATURES:

- Heating
- Cooling
 - Water
 - Fan Forced Air
 - Plate Styles
- Filtration
 - Pressure
 - Return
 - Offline (kidney loop)



HYDRAULIC MANIFOLDS

Exotic's ability to provide the engineering and assembly of directional and proportional control hydraulic manifolds in-house keeps our customers' costs down while improving overall system performance.

INTEGRATED MANIFOLD PACKAGES FEATURE:

- Modular Designs
- Standard ISO Valves
- Cartridge Valves
- Hybrid Valves
- Reduced Space & Weight

FILTER CARTS

Exotic helps our customers maximize their investments in complex manufacturing systems through the ability to monitor and maintain fluid cleanliness standards.

CUSTOM HYDRAULIC FILTRATION SOLUTIONS:

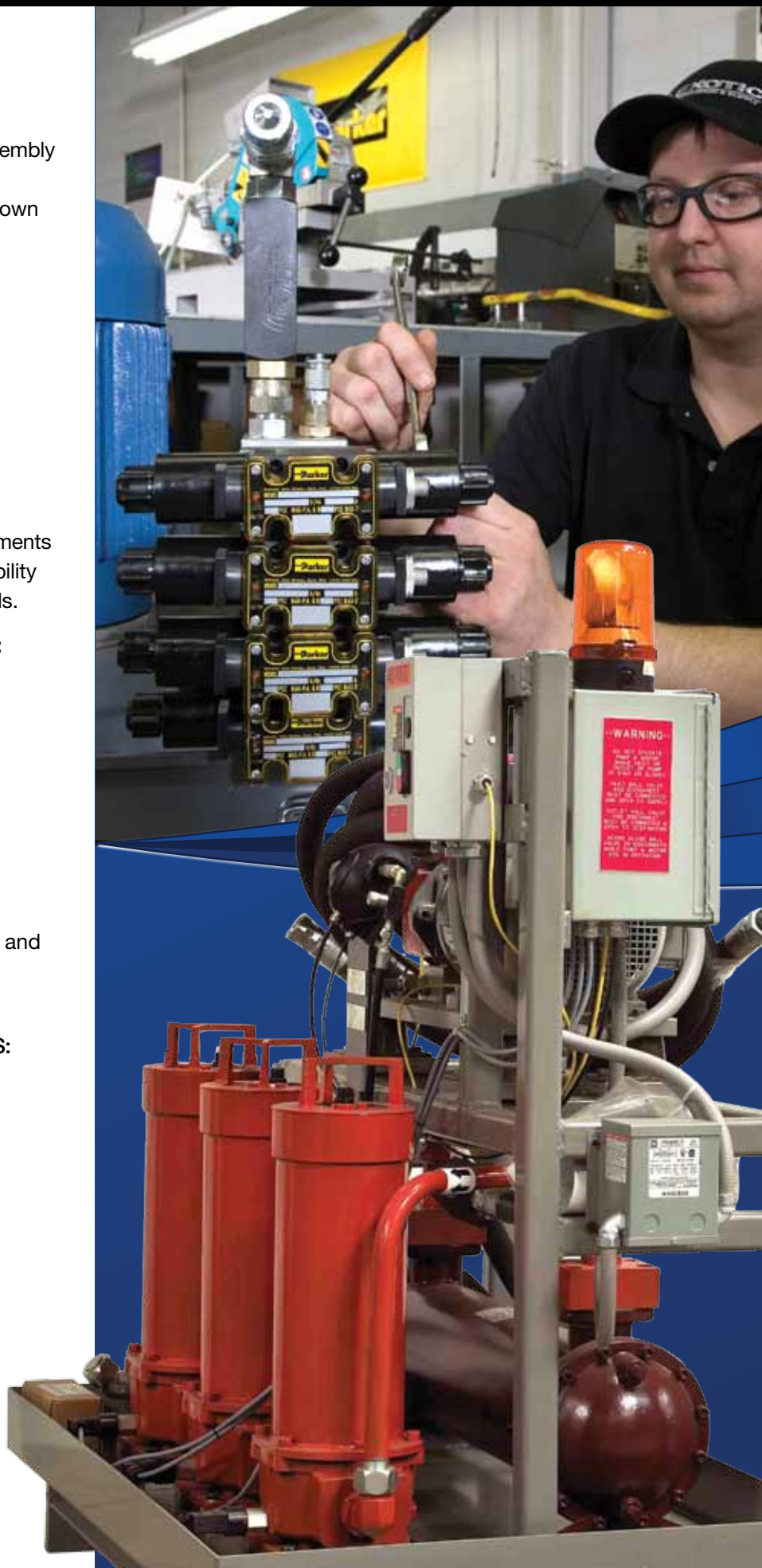
- Stationary – Offline Filter Stands
- Portable Filter Carts
- Multiple Stage Filtration Systems
- Replacement Filter Element Programs

PROPORTIONAL CONTROL / SERVO CONTROL

Exotic specializes in integrating servo valves, proportional valves, electronic controls, sensors, and actuators to achieve an overall reduction in part-finish variance.

PROPORTIONAL/SERVO CONTROL OFFERINGS:

- Reproducible control of actuator speed
- Progressive flow characteristics for improved low-flow resolution
- Available integrated control electronics with ramp adjustment
- Complete solutions including manifolds, valve drivers, power supplies, cable assemblies, etc.
- Software enabled valve parameter setup and maintenance



ENGINEERED PNEUMATIC SYSTEMS



Exotic Automation & Supply offers a full complement of pneumatic systems and components our customers need to optimize total system performance.

Our engineers work with you to design and build engineered pneumatic systems focused on enhancing precise function and efficient operation.

FLUID CONTROL PANELS

Exotic designs and builds custom fluid control panels with a focus on optimizing total system performance through the precise control of pneumatic, hydraulic, lubrication, and coolant functions.

FLUID CONTROL PANELS PROVIDE:

- Total Fluid Power Control
- Compact Design
- Ease of Maintenance
- Efficient, Clean Performance
- Reduced Machine Footprint

PNEUMATIC MANIFOLDS

Exotic's pneumatic manifold solutions are designed and configured to be integrated within existing and new manufacturing systems alike, providing unique solutions for pressure, vacuum, and leak test applications.

PNEUMATIC MANIFOLD PACKAGES FEATURE:

- ISO Standards
- Field Bus Manifolds
- Multiple Wiring Configurations
- Modular Designs/Light Weight
- Increased Valve Density

AIR PREPARATION

Exotic's custom Filtration-Regulation-Lubrication (FRL) solutions ensure clean, dry air throughout the system, a crucial requirement to maintaining fast cycle times, high product quality, and reduced downtime.

CUSTOM FEATURES:

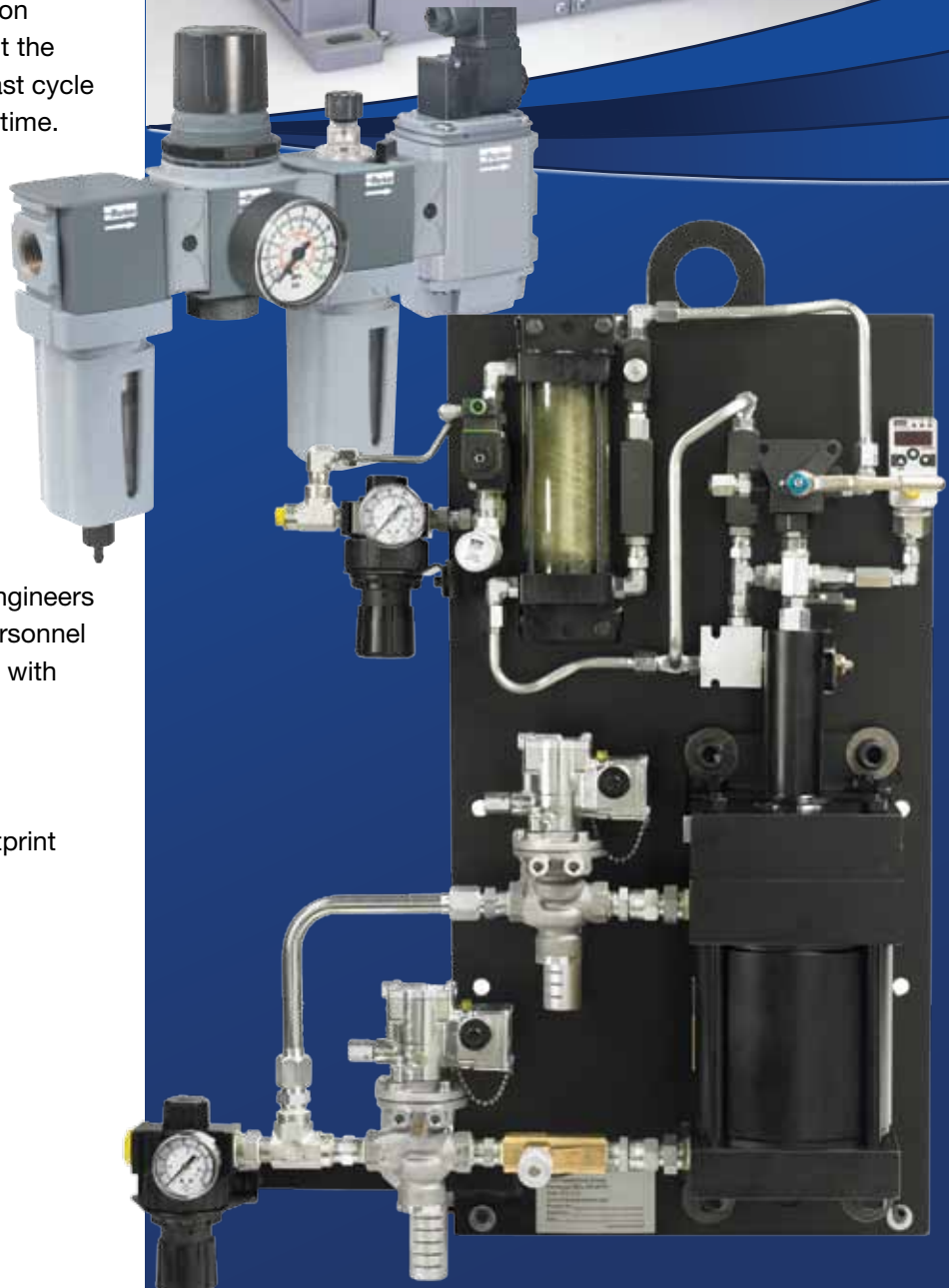
- Optimized Air Quality & Performance
- Modular, Light Weight Configurations
- Integration With:
 - Soft-Start Valves
 - Quick Dump Valves
 - Lock-Out Valves
 - Pressure Switches

AIR PANELS

From drip legs to air prep to field bus manifold assemblies, let Exotic's experienced system engineers meet with your machine and control design personnel to help "right-size" your pneumatic application with plug-n-play operation.

AIR PANELS FEATURE:

- Custom Manifold Assembly
- Compact Design for Minimized Machine Footprint
- World Class Air Prep
- All Major Field Bus Interfaces Offered





**FARMINGTON HILLS -
CORPORATE HEADQUARTERS**

34700 Grand River Avenue
Farmington Hills, MI 48335

(248) 477-2122

(248) 477-0427 Fax

sales@erpc.com



FARMINGTON HILLS PARKER STORE

34700 Grand River Avenue
Farmington Hills, MI 48335

(248) 477-2122

(248) 477-0427 Fax

FLINT PARKER STORE

4186 Pier North Blvd. Suite A
Flint, MI 48504

(810) 720-4370

(810) 720-4380 Fax

FREELAND PARKER STORE

10359 Hercules Drive
Freeland, MI 48623

(989) 695-5300

(989) 695-2478 Fax

JACKSON PARKER STORE

2340 East High Street
Jackson, MI 49203

(517) 787-1540

(517) 787-3922 Fax

LANSING PARKER STORE

4500 Empire Way, Suite 1
Lansing, MI 48917

(517) 322-0113

(517) 322-9366 Fax

**ROCHESTER HILLS
PARKER STORE**

1938 Star Batt Drive
Rochester Hills, MI 48309

(248) 299-2400

(248) 299-2406 Fax

SOUTHGATE PARKER STORE

13424 Eureka Road
Southgate, MI 48195

(734) 282-7775

(734) 282-7450 Fax

CLEVELAND SERVICE CENTER

(216) 252-7355

(248) 426-3784 Fax

