



PREMIER SOLUTIONS PROVIDER

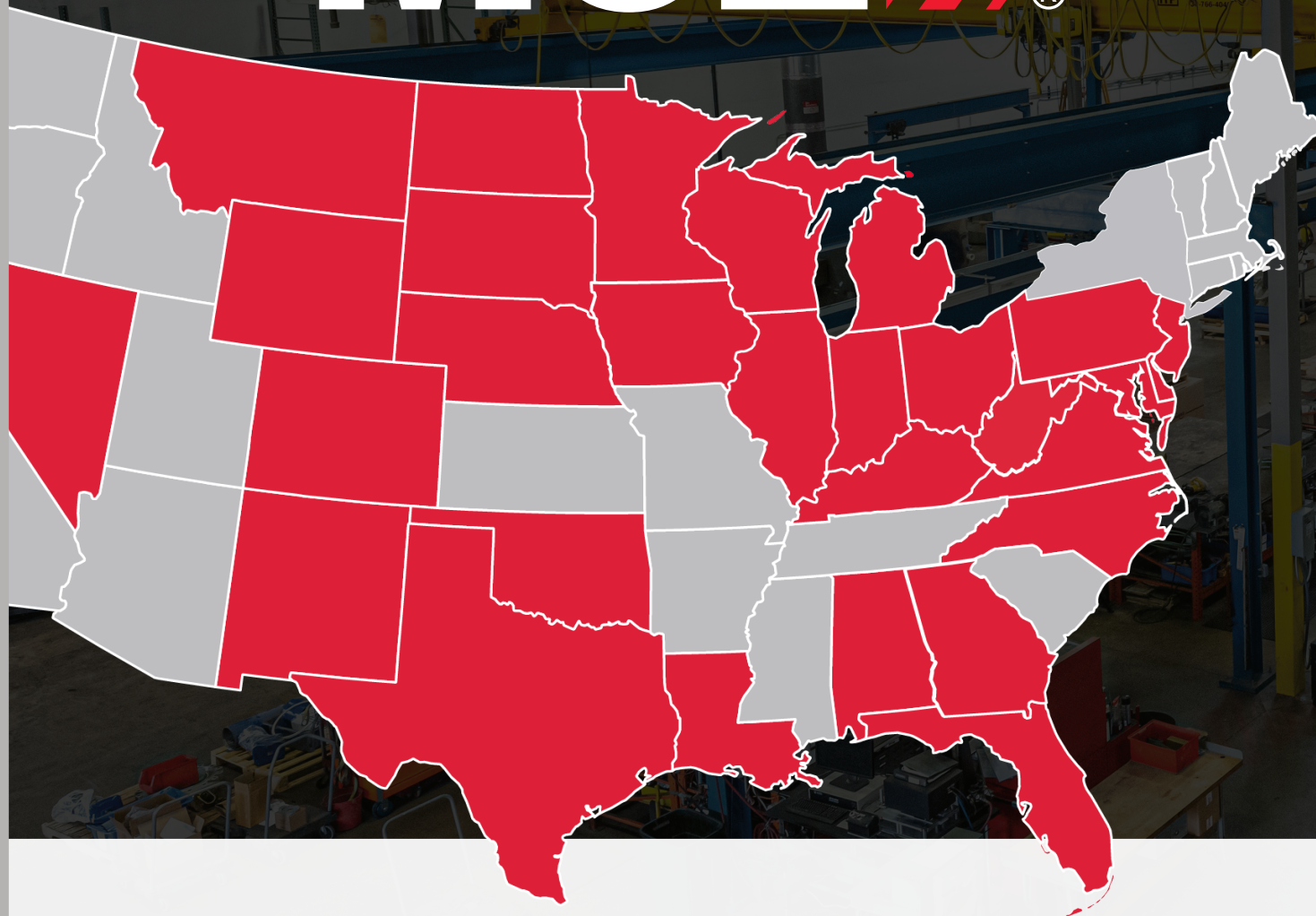
WE SOLVE PROBLEMS

Minimizing downtime, maximizing production.



mceautomation.com

WE ARE MCE®



WE are MCE, our collective strength is demonstrated through our vast experience, technical expertise, specialized services, and vendor support—providing you with a single-source supplier to help you achieve your goals.

We work to keep your operation running smoothly by ensuring product availability, solving your problems with customized solutions, and supplying on-demand technical expertise and support.

WE ARE COMMITTED TO SOLVING YOUR GREATEST CHALLENGES:



**PREMIUM-QUALITY
PRODUCTS**



**SERVICE, SUPPORT,
AND REPAIR**



**TECHNICAL
EXPERTISE**



**TRAINING TO SUPPORT
YOUR NEEDS**

PRODUCTS AND INTEGRATED SOLUTIONS

1

FLUID POWER

2

FLOW CONTROL

3

AUTOMATION

4

ROTATING EQUIPMENT

5

FILTRATION

6

SERVICE & REPAIR

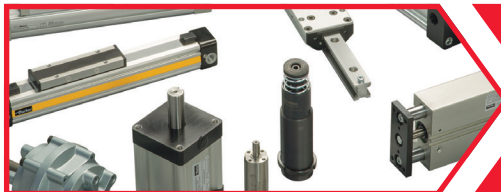
We deliver parts, services, and effective integrated solutions when and where you need them, supported by exceptional customer service throughout the lifecycle of your operations.

Our solutions for hydraulics, hydraulic repair, pneumatics, lubrication, and filtration include:



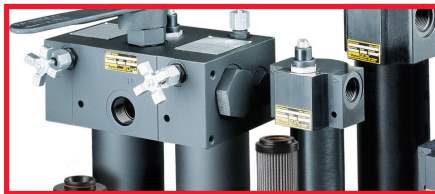
Fluid Connectors

Premium-quality Parker hoses, fittings, and quick coupling products supported by 19 on-demand retail ParkerStore locations and HOSE DOCTOR® mobile service.



Pneumatics

Parker air preparation, cylinders, valves, accessories, and repair kits for all of your pneumatic needs.



Filtration

Hydraulic and lube oil filters, replacement elements, air preparation filters, and service kits from Parker.



Hydraulics

Highly engineered Parker hydraulic pumps, accumulators, actuators, cylinders, valves, and other products backed by the technical support you need to put it together.



Instrumentation

Highly engineered pressure and temperature process control instrumentation and systems from Parker.



Lubrication

Industrial lubrication equipment, petroleum management, and workholding products from Enerpac and Graco.

MCE®
FLUID POWER



On-Demand Hose and Fitting Retail Locations

Knowledgeable sales associates at 20 retail locations across Wisconsin, Illinois, Indiana, Michigan, and Pennsylvania stocking Parker hose, fitting, hydraulic, pneumatic, and filtration products, along with on-location hose assembly.



Inventory Management

Right inventory, right place, right time. We simplify your purchasing process, guarantee cost savings, eliminate stock outs, and enhance data visibility. Our customizable, intelligent programs include:

- » Vendor Managed Inventory (VMI)
- » Customer Managed Inventory (CMI)
- » 24/7/365 HOSE DOCTOR® mobile service



THE MOST KNOWLEDGEABLE STAFF OF ANY FLUID TRANSFER BUSINESS ANYWHERE IN TOWN. IF THEY CAN'T FIGURE OUT A SOLUTION FOR YOU, NO ONE CAN."

We provide complete process control solutions with multi-brand offerings in valves, actuators, instruments, and controls, including:



Process Valves and Actuation

Fully assembled packages that are tested prior to delivery, with the ability to place solenoid valves and position indicators.



Steam Traps and Condensate

Full line of non-clogging and trash-tolerant traps and condensate solutions include free-float and thermodynamic options to ensure optimal heat transfer.



Remanufactured Products

Our remanufactured products provide substantial cost savings and reduced downtimes, keeping the most critical products operating at optimal efficiency.



Regulators

Pressure and Backpressure reducing regulators are ideal for steam, liquid and gas media. A variety of regulators are available including self-operated, high flow, differential, vacuum, air loaded and pilot operated.



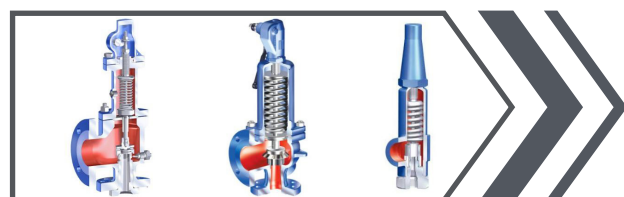
Process Instrumentation

We provide a wide range of measuring instruments designed to be used for flow, pressure, temperature, level, and analytical measurements.



Control Valves

Broad selection of control valve options—ranging from micro-trim to velocity control for multiple service applications including steam, water, gases, and liquids.



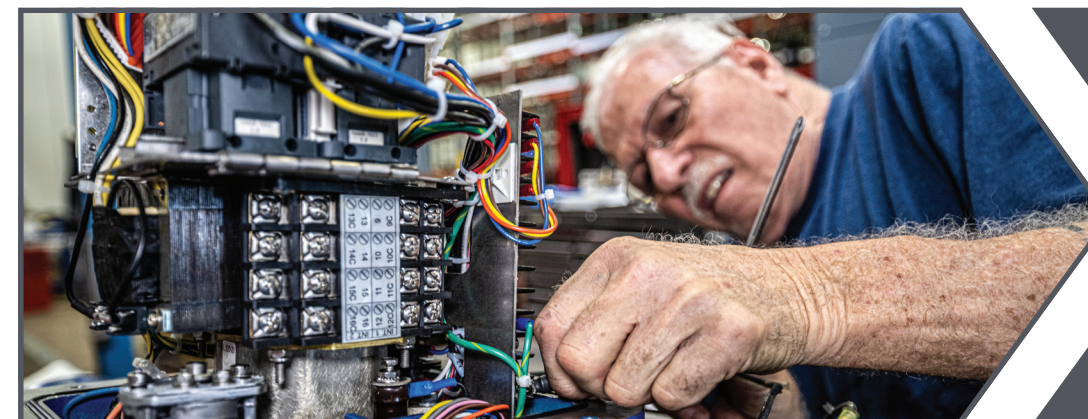
Safety Relief Valves

Direct Loaded Safety Valves for blowing off excess pressure of steam, vapor, gases, and liquid from pressure vessels, steam boiler, hot water boiler and piping systems.



Process Gauges & Thermometers

Pressure gauges measure and display the pressure of gases and liquids in industrial systems, ensuring safety, efficiency, and quality. Thermometers, available in mercury, bimetallic, digital, and infrared types, cater to various temperature measurement needs.



Service and Repair

Full-capability service and repair offered both in-house and in-field. Built on more than 50 years of application experience and technical knowledge, our technicians are factory and VR certified to repair valves, automation, and instrumentation and can re-manufacture and refurbish to OEM specifications.



Training and Technical Support

Learn best practices from our experienced team and manufacturer partners with classes offered in our training center or on-site at your facility, customized to your application and product lines.

Complete automation solutions for engineers and manufacturers.



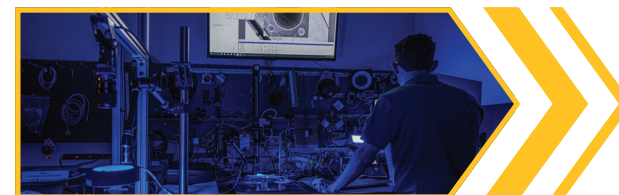
Motion and Control

Top-of-the-line vendors to fulfill our comprehensive, best-in-class motion and control solutions that include mechanics, motors, drives, and controls, plus a complete line of robots and robot systems.



Feedback

We feature the highest quality rotary and linear encoders for motor and mechanical position feedback of hydraulic cylinders including in-cylinder absolute position sensors and sealed aluminum profile absolute position sensors for outside cylinder applications. Our optical linear encoder products can be used in applications with position measurement to 0.1 Micron.



System Integration

Our system integration solutions begin with software and hardware integration to ensure the delivery of effective, efficient, project-based solutions, specializing in motion and machine vision applications.



AC/DC Drives and PLC

We offer a full range of services for AC/DC drives and PLCs to optimize automation systems. Experts will consult, implement, problem-solve, and troubleshoot your system to enhance productivity and streamline operations.



Machine Vision and Traceability

We have pioneered Machine Vision technology, advancing from 2D to cutting-edge AI solutions. Our vision specialists can help you automate processes, enhancing product identification, packaging, and quality assurance, while also conducting product needs assessments. With barcode tracking and laser marking, we ensure reliable reads and measure part quality for continuous improvement. This comprehensive approach enhances operational efficiency and minimizes recalls.



Sensing

We specify, support, and sell non-contact sensors for use in product detection applications including laser sensing and measurement, plastic and glass fiber optic sensors, proximity/retroreflective through beam photoelectric sensors, and ultra-sonic sensors. Proximity switch offerings include metal detection inductive and all product capacitive sensors. Units are available for the harshest environments, including caustic wash down and welding applications.



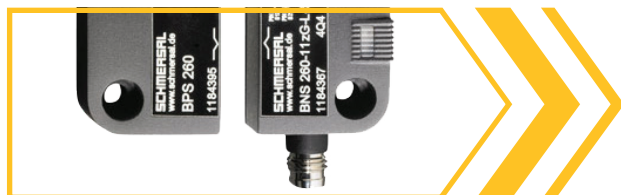
Panel Building

Our panel building capabilities include adherence to UL specifications, CE certifications—meeting all EU safety, health and environmental protection requirements—and the UL 508A standard and 698A standard for safety of industrial control panels relating to hazardous locations. We provide system startup commissioning to ensure all components are safe and reliable, and also design and deliver integrated solutions that include hardware, bills of materials, electrical schematics, and mechanical design documentation.



Robots and Feeding Systems

We combine cutting-edge robotics with advanced feeding systems. Our comprehensive range includes traditional bowl feeders, innovative 3D-printed bowls and hoppers, electronic vibration feeders integrated with AI vision systems, and environmentally conscious backlit recycling conveyors. This combination ensures a versatile and technologically advanced solution for your automation and material handling needs.



Safety

Featuring quality Schmersal safety products, offering a wide range of safety switchgear and systems—securing personnel, equipment, and processes.



Connectivity

Our engineering and technology support team will help you to identify and program the technologies that will best care for your in-plant and remote connectivity, giving you access to your PLCs, motion controls, drives, and other supporting hardware.



Vertical Lifters

From pallet lifts to continuous vertical conveyors, our vertical lifters are powerful, efficient, safe, and reliable.



Floor and Overhead Conveyors

Categorized as floor style or overhead, we offer industrial conveyors with various designs and uses. Our solutions range from gravity rollers to fully automated systems.



We offer certified industrial compressed air solutions from the industry's most trusted manufacturers.



Air Compressors

A wide range of air compressor options for a variety of applications including lubricated rotary screw, lubricated reciprocating, oil-free, booster, and medical functions.



Vacuum and Blower Systems

Custom vacuum and blower solutions feature systems specially designed and built to fit your individualized needs and specifications.



Water Cooling

Able to provide water chillers, cooling towers, and dry coolers for any industry.



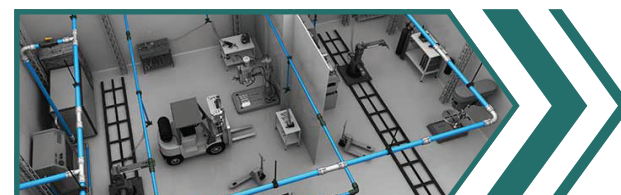
Mobile Air Stations

Cost-efficient, mobile air stations enable year-round operation, featuring a portable outdoor cabinet that allows operation regardless of weather conditions, while operating with energy costs 8 times lower than regular diesel compressors.



Air Treatment

Wide variety of dryers and filters, includes refrigerated, desiccant, membrane, and deliquescent types. And we supply condensate drains and oil/water separators.



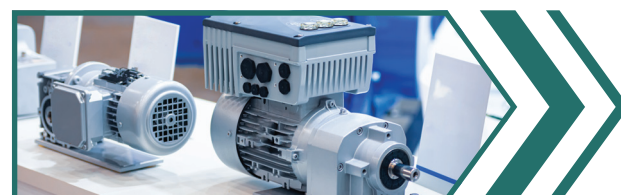
Modular Piping

Design and installation of modular piping systems that increase affordability, reliability, efficiency, and durability that can only be achieved through an all-metal system.



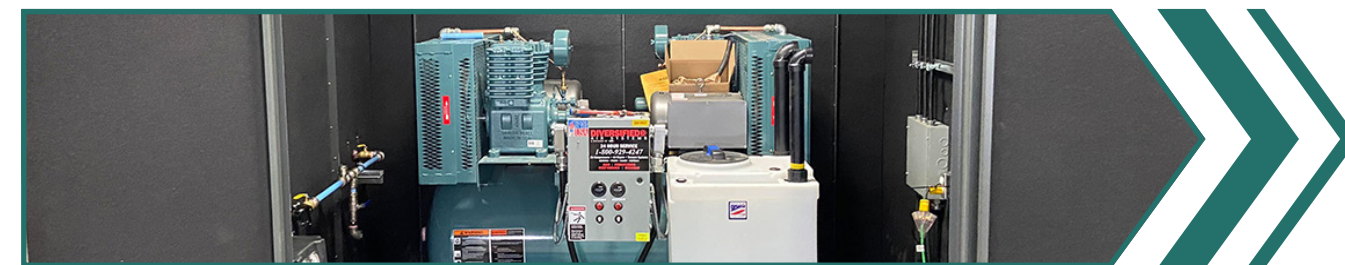
Nitrogen Generation

We can design and provide complete nitrogen systems that can improve efficiency and reduce costs and lengthy contracts. Most systems return investment within two years or less.



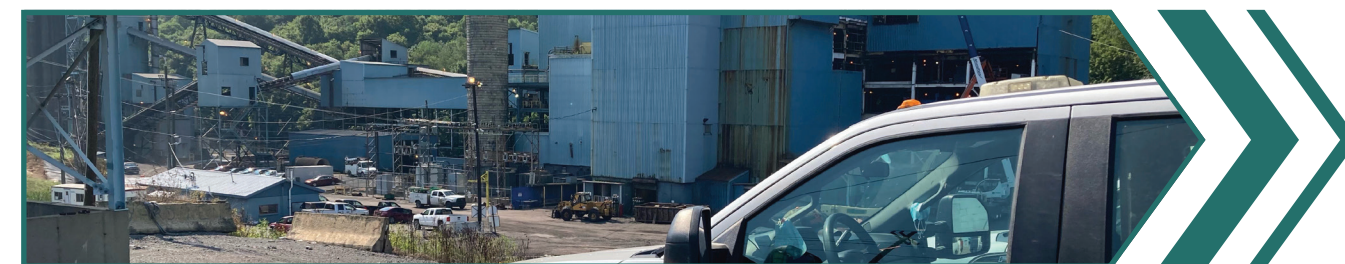
Power Transmission

We offer a variety of power transmission solutions ranging from AC and DC electric motors, gear reducers, gear motors, variable speed drives, and low, medium, and high voltage motors.



Air as a Utility

Our "airtility" offering provides you with maximum efficiency by deploying custom-designed solutions that incorporate state-of-the-art equipment to optimize your system's performance. We can reduce your costs by leveraging a rental and maintenance program to eliminate your need for capital investment, engineering investment, disposal cost of consumables, and purchasing and stocking of spare parts and lubricant—all at one fixed monthly fee.



Service and Repair

Our value-added service and repair capabilities ensure your needs are met quickly, with factory-certified technicians, application experts, and product line specialists guaranteeing the job is done right. No matter the model or manufacturer, our team has the resources and capabilities to keep you running efficiently and economically.



Specialty Products

We proudly stock Flexitallic Spiral Wound Gaskets, Garlock Mechanical Packing and Gaskets, Kinney Pistons, Dry Screws, Liquid Rings, and Vacuum Pumps, Lone Star Blower Technologies, M-D Pneumatics, Dynamic Motor Controls, Stoddard Blower Silencers and Accessories, as well as Tuthill Rotary Lobe Blowers and Vacuum Pumps and Systems.



Pumps

As a full-service, multi-stocking distributor of industry-leading pumps, our inventory includes parts and assemblies for water, wastewater, diaphragm pumps, and high temperature applications. We are also the master distributor for All Prime Pumps in North America—selling the self-priming pumps to municipal and industrial end-users and resellers.



Full service distribution of the highest quality industrial filtration products and services.



Filter Cartridges

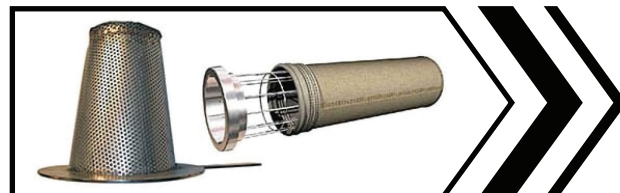
Our filtration team provides our customers with the best experience from easy ordering, local inventory of product, quick deliveries, on-site installation/operating assistance, filter surveys, technical assistance, and more.



Filter Vessels

Filter vessels can be classified by construction materials, pressure/temperature rating, ASME code or non-code, vertical or horizontal, simplex or duplex, cartridge or bag, media bed, intake or exhaust, panel, backwashing, and more.

“AN ESTABLISHED PARKER CHANNEL PARTNER WITH EXCELLENT DISTRIBUTION CAPABILITIES.”



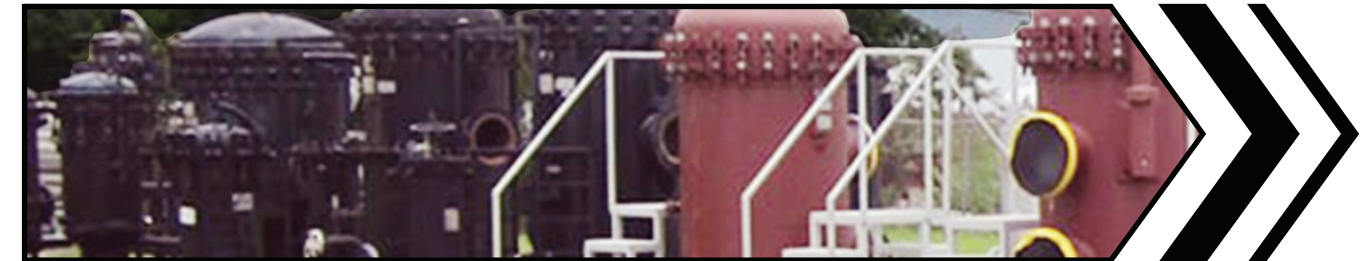
Engineered Equipment

This filtration equipment is sized, designed and fabricated from specification data created during a process of coordinated input and review by plant engineering, operations, and/or maintenance supervision personnel.



Custom-Sewn Industrial Fabrics

Stock fabrics include woven and needled felt filtration cloth made from polypropylene, polyester, Teflon, Nomex, Nylon, Fiberglass, P84, cotton, Ryton, and acrylic homopolymers.



Rentals

Rental filter units are skid mounted for mobility and utilization of forklift equipment. Most units have cartridge loading platforms and flow rate capabilities from 50 to 2500 gpm.



Ultrasonic Filter Cleaning

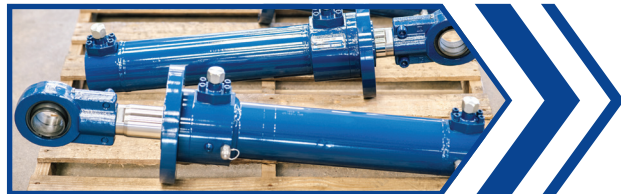
An ultrasonic cleaner is a cleaning device that uses ultrasound (usually from 20-400 kHz) and a compatible cleaning solvent (sometimes ordinary tap water) to clean delicate items.



Repair and Recovery

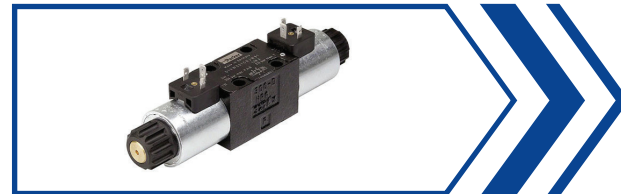
Repairable filters provided by Airmaze, Ingersoll Rand, Solberg, Stoddard, and others can be repaired and recovered within 2 weeks or less. A large stock of perforated metal, woven wire and other materials in carbon steel and alloy metals are on hand for rapid turnaround.

We offer solutions tailored to meet your specific needs—from planned maintenance to unscheduled emergency repairs.



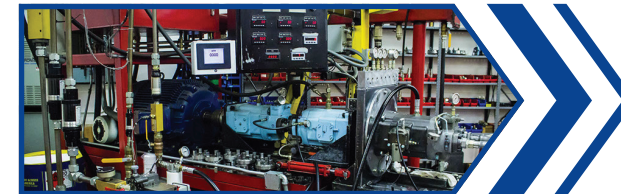
Hydraulic Cylinder Repair and Rebuild

Our team can service any heavy-load pneumatic or hydraulic cylinder, and also perform inspection, disassembly, repair or rebuild, machining, and reassembly—all on-site. We can manufacture virtually any component from scratch (with supplied drawing or sample part)—meeting or exceeding OEM specifications.



Hydraulic Valve Repair

Repairing directional valves, flow control valves, pressure control valves, proportional valves, relief valves, check valves, stack valves, and main control valves. Possess expertise in manufacturers including Parker Hannifin, Abex Denison, Denison, Drilltech, Hagglunds, Ingersoll Rand, Sandvik, and others.



Remanufactured Parts and Units

We remanufacture pump and motor parts and units that meet or exceed original factory standard, with warranties comparable to the original factory warranty—one year from sale date. Our vast supply chain capabilities provide fast and reliable shipping—even internationally.



Hydraulic Pump and Motor Repair

Providing state-of-the-art diagnostic, repair, and testing equipment to restore your unit back to OEM specifications. We can repair any piston, vane-type pump, or motor—from light to heavy duty—with turnaround time as short as one week, even on complex repairs.



Electric Motor Repair

Sales, service, rewinds, and high quality repair on AC/DC motors, variable frequency drives, single and three phase, any size HP and pump, gearbox repair, and electronics.



New Parts and Units

We stock new hydraulic parts, pumps, and motors—ready for immediate shipping—from manufacturers including Parker Hannifin, Denison, Danfoss, Sauer, Sundstrand, Bosch Rexroth, Eaton, Linde, Vickers, Hagglunds, Bondioli and Pavesi, and others.



24-Hour Emergency Service

Emergency repair when you need it, from the experts who you can count on to get you back up and running.



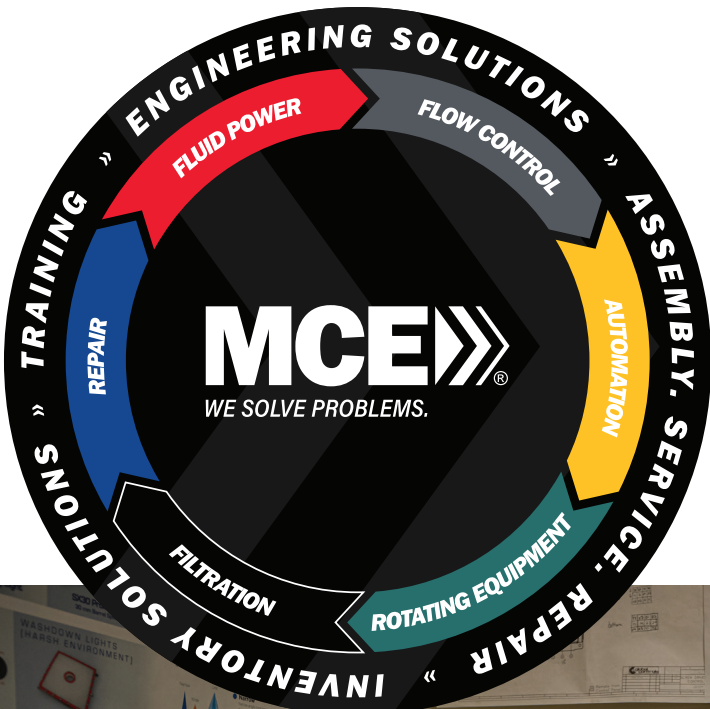
MCE MORE THAN DOUBLED THE LIFE EXPECTANCY FOR OUR CYLINDERS.”

24/7/365
EMERGENCY REPAIR

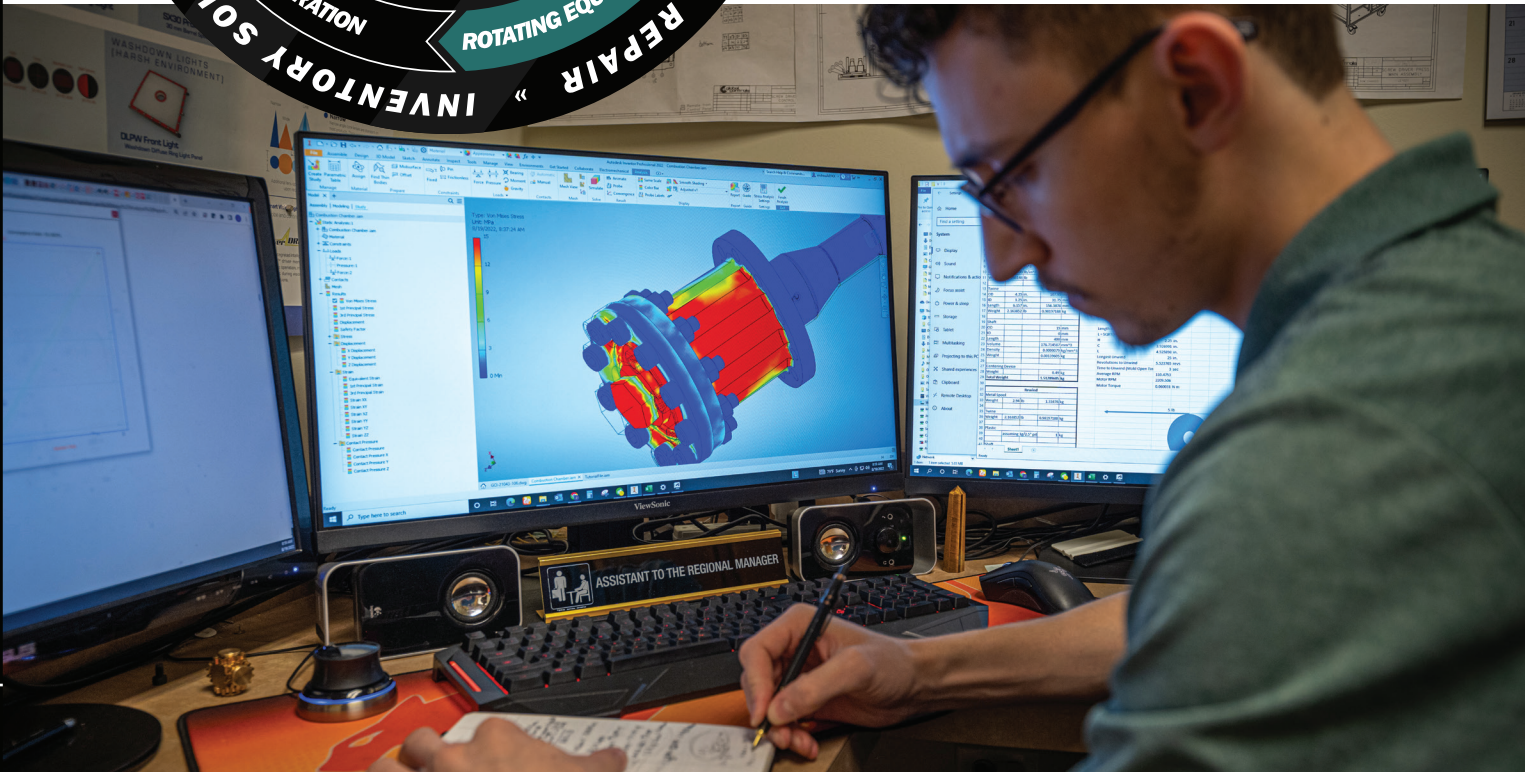


A Comprehensive Resource

Spanning all MCE lines of business, our Engineered Solutions Group offers custom design and engineering solutions that bring together leading technologies and innovative problem-solving capabilities—offering robotic, hydraulic, lubrication, pneumatic, and electrically actuated motion and machine control solutions to the manufacturing and process industries.



“
**ON A SCALE OF 1-10
THEY ARE A 10...
THEY NEVER LET ME
DOWN... MAKE ME
FEEL LIKE I'M THEIR
#1 CUSTOMER.”**



Expertise

- » Hydraulic system design, installation, and repair
- » Pneumatic systems and sub-assemblies
- » Lubrication systems
- » Filtration systems and portable filter carts
- » Product test systems and stands
- » Automated engineered systems
- » Systems integration and machine control programming
- » Electrical panel documentation, design, and assembly
- » PLC, motion controller, and VFD programming
- » Power units and energy management



Value-Added Services

- » Project management
- » Electric panel design, documentation, building, installation, and start-up
- » Machine design and concepting
- » Machine control and motion upgrades to existing machinery
- » 2D and 3D drawings
- » Predictive maintenance monitoring solutions
- » Technical support
- » Training



“MCE GOT OUR PRESSES UP AND RUNNING FASTER SO WE COULD START PRODUCTION SOONER.”

Success Story: Time is Money

MCE was able to help one customer drastically cut down time by repairing a cylinder for a 1000 ton press in a shorter lead time than 45 other manufacturers that bid on the job.

RITTERTECH 
AN MCE COMPANY

LONE STAR 
MACHINE WORKS
AN MCE COMPANY



Success Story: Supply or Die

MCE teams collaborated to help an OEM customer locate a specific type of air conditioner needed for shotblasting machines they manufacturer. Inability to get the part was threatening to hold up their product shipment for months and MCE was able to help this customer get the shipment out in 10 days.

RITTERTECH 
AN MCE COMPANY

RSASOLUTIONS 
FOR AUTOMATION
AN MCE COMPANY



MCE 
WE SOLVE PROBLEMS.

Success Story: Knowledge is Key

An MCE Flow Control customer was losing millions in production from filter failures due to the high pressures and temperatures needed for automotive paints and resins. Collaboration among MCE experts helped this customer test and standardize the use of a Parker filter that could handle the job.

NIGHTWINE 
VALVES & ACTUATION
AN MCE COMPANY

FILTERRESOURCES 
AN MCE COMPANY



“MCE NOT ONLY HELPED US ELIMINATE FAILURES, THEY HELPED US REDUCE COSTS FROM HIGH ENERGY CONSUMPTION.”

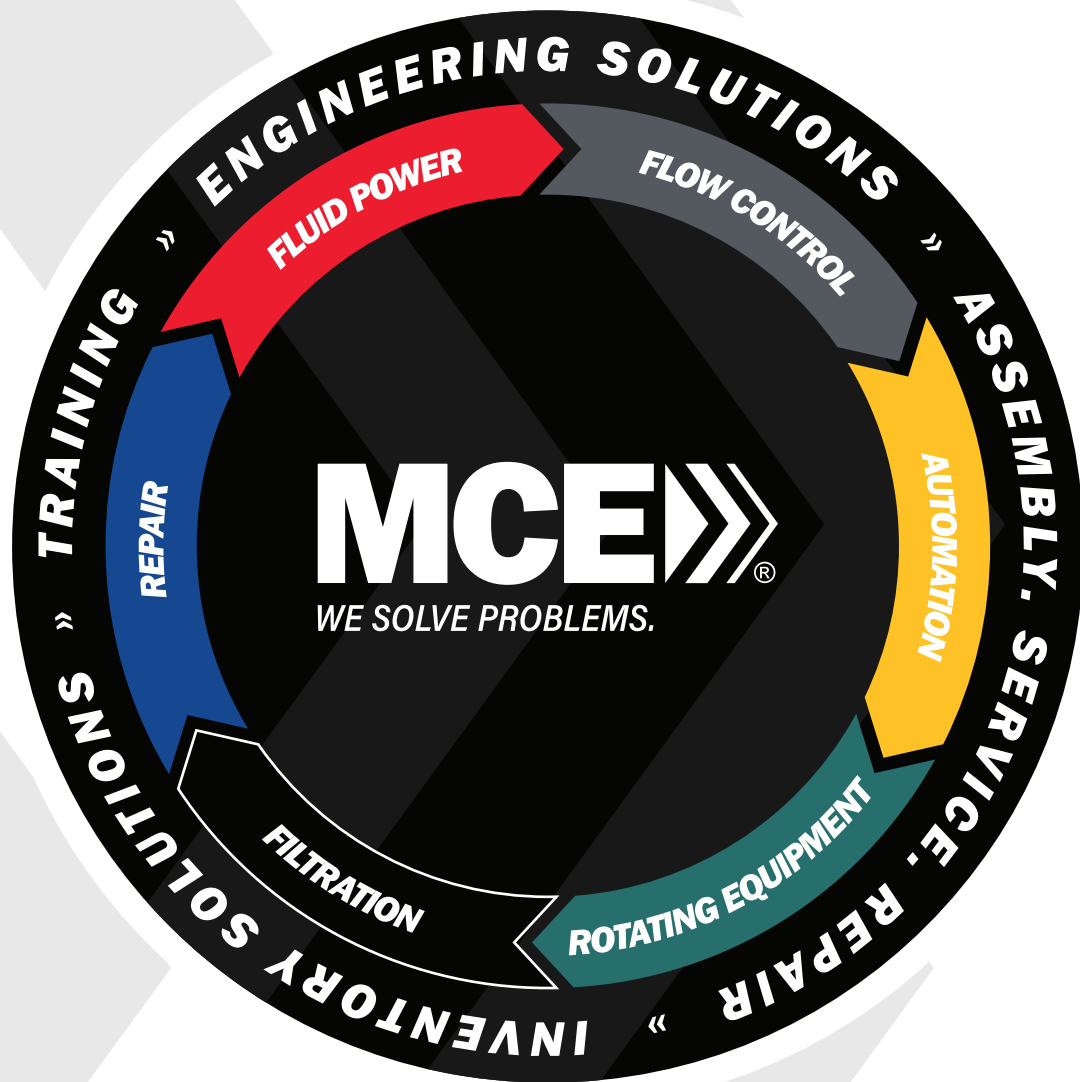
Success Story: Failure is Not an Option

After continuous failures with existing air compressors were disrupting operations, MCE teams collaborated to provide new air compressors that enabled our customer to resume consistent operations. As an added bonus, the newer units enabled a significant reduction in energy consumption.

DIVERSIFIED 
AIR SYSTEMS
AN MCE COMPANY

INSTRUMENT 
ASSOCIATES
AN MCE COMPANY





OUR PROMISE TO YOU

Every product and solution we offer is designed to meet your specific needs and unique circumstances.

We deliver products and parts with rapid, reliable service and unwavering support as you pursue your most desirable outcomes. From specification through project completion, we dependably deliver what, when, and where it is needed—to ensure your success.

LEARN MORE AT **MCEAUTOMATION.COM** OR SPEAK TO AN
MCE REPRESENTATIVE TODAY AT **1-833-777-6583**