



Emerson Impact Partner

INDUSTRIAL PUMP SOLUTIONS, SKIDS AND SERVICE

HIGH QUALITY INDUSTRIAL PUMP SOLUTIONS THAT DELIVER RELIABLE AND CONSISTENT PERFORMANCE ARE CRITICAL TO PROCESS CONTROL AND FLUID HANDLING OPERATIONS.

Those systems require both product and service support and resources to ensure your pumps are specified to meet the needs of your operating environment. ECI delivers comprehensive pump solutions with a breadth of products and services, and pump expertise, to maximize performance.

Comprehensive Pump Solutions

Industrial pump specification, selection and service significantly impact production. ECI offers an extensive portfolio of industrial pumps and related products to ensure your qualifications are met and pump processes are optimized. Our team has the pumps expertise to help guide your selection and address proper sizing, pump materials and other process considerations.

Proper Pump Specification

Precise pump specification addresses not only the type of pump but also product viscosity, flow rates and pressure. An accurate understanding of your processes and production goals enables the selection of pumps that are developed to meet your specific qualifications. ECI's industrial pumps team has the experience and expertise to recommend pumps that are designed to support your operations. Liquid temperature, existence of erosive and corrosive substances, material requirements, operating conditions and material selection are all elements that contribute to pump success or failure. A complete account of these and other factors identifies essential pump attributes and criteria that result in reliability and efficiency.

Aligning Pump Type to Pump Conditions

While there are many quality pump brands available, they must be matched to the needs of the process conditions to truly excel. Access to ECI's extensive product portfolio helps ensure that your operations are aligned with the type of pump best suited to your conditions. From air-operated double diaphragm to centrifugal, plunger and submersible pumps, there is no compromise on pump selection.

Complete Product Solutions

ECI represents a range of pumps including:

- Air Operated Double Diaphragm Pumps
- Centrifugal Pumps
- Cooling Towers
- Drum Pumps
- Eccentric Disc Pumps
- Gear Pumps
- Industrial Pressure Washers
- Metering and Dosing Pumps
- Peristaltic Pumps
- Piston and Plunger Pumps
- Pulsation Dampeners and Seals
- Self-Priming Pumps
- Sliding Vane Pumps
- Submersible Pumps
- Variable Speed Drives, Compressors and Mixers
- Vertical Turbine Pumps

Accessories and Related Products

Pump solutions often extend beyond the traditional pumps to include accessories and related products. Instrumentation including pressure gauges, level switches and controls help create reliable and safe pump systems. In positive displacement pumps, pulsation dampeners reduce pulsation and absorb energy, protecting piping and system components from damage.



Cooling Towers

Another critical fluid handling system is the cooling tower. These specialized heat exchangers bring together air and water to reduce water temperatures. Cooling towers are instrumental in cooling process water in a range of applications. Specification should address considerations for corrosion resistance, capacity, safety and anti-microbial qualities.

Pump Skids, Systems and Services

ECI delivers complete pump systems with in-house fabrication capabilities. Custom, prefabricated skids and control panels developed and built by our experienced technicians enable turnkey, high quality pump solutions. Aligning pump products, systems, skids and services with a single provider promotes improved functionality.

Custom Prefabricated Pump Skids

Complete, custom skids for industrial pump operations are available through ECI's Skid Technologies. System configuration including base design, power source, drive package and advanced controls enable top performance. You will benefit from streamlined project management, experienced technicians and high-quality fabrication.

Custom Control Panels

The ECI Panel Shop fabricates custom control panels to meet your specifications. A complete pump system requires expertly built control panels and the careful attention of experienced electrical technicians that understand your application. Precision and accuracy are achieved through the ECI Panel Shop's Steinhauer CNC machine.

Pump Maintenance, Repair and Operation

ECI can support your operations with comprehensive pump installation, maintenance and repair services. A predictive maintenance approach helps identify potential issues before they impact performance. Leveraging local inventory and regional service centers, we deliver rapid response while using condition-based insights to keep your pumps running reliably, reduce unplanned downtime and optimize lifecycle performance.

Single Source Accountability for Process Control Operations

Pump solutions are often part of larger process control operations. Valves and controls, regulators, control systems, automation technology, skids, control panels and lifecycle services all contribute to efficient and reliable performance.

Your most successful path is one that delivers the solutions and expertise you need from one accountable source. Streamlining operations through a single point of accountability and backed by experience in your industry can create a significant advantage for you.

ECI understands this advantage and is committed to being a partner that delivers a comprehensive matrix of expertise and solutions designed to deliver successful business outcomes every time.



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SALES AND INFORMATION

724-746-3700
or **www.ECI.us**

After Hours Emergency
Support: **800-569-6030**

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