

Custom Hydraulic Systems

CUSTOM ENGINEERED SYSTEMS

With over 80 years of experience as a company, Evolution Motion Solutions is proud to have a solution group dedicated to designing and engineering custom hydraulic systems. Our experience, expertise, resources, and capabilities allow us to create custom hydraulic systems—including hydraulic power units, high-pressure testing units, and hydraulic assemblies—around your needs and specifications.

These systems are designed with manufacturability and serviceability principles in mind while ensuring our solutions are of the highest quality and the most durable. Our business and manufacturing processes adhere to ISO9001:2015 and AS9100 standards, and we apply total quality leadership as our guiding principles..

Capabilities

- Custom Assemblies
- Custom Hydraulic Power Units
- Custom Test Systems
- Electrical Control Panels
- High-Pressure Systems
- Total Quality Leadership
- Servo Power Units
- Central Power Units



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Custom System Benefits

Engineering and Design

Our in-house engineering and design expertise allows us to take technical requirements and scope to design a final product. We have the ability and capacity to create schematics, engineering drawings, and 3D models that make your vision come to life.

Custom Solutions

Leveraging extensive industry knowledge, we ensure your custom system is tailored to meet specific needs. Whether you require custom hydraulic systems or pneumatic solutions, we account for zone ratings, hazardous locations, temperature extremes, washdown requirements, and UL, using our comprehensive motion control expertise to design the best-fit custom solution.

Quality Standards

Evolution custom systems meets UL certification standards and provides certificates of conformance and any other specific internal requirements you may have. We adhere to ISO9001:2015 and AS9100 standards, and all systems are thoroughly tested and audited, following a rigorous and detailed 5-gate process.

Testing and Inspection

Every custom unit endures a complete quality inspection before shipment. Our 5-gate process ends with a quality inspection that includes cross-functional checks to ensure proper audits and comprehensive test reports, which are provided for every unit.



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