LISK has been designing and manufacturing gaseous media valves for over 25 years. We work with the world’s largest engine manufacturers to meet their needs in fuel delivery systems. Our team of engineers works to optimize custom LISK valves within existing customer systems as well as provide collaboration and support in the development of new systems.
**From Valves to Systems**

LiSK is capable of fuel system assembly allowing delivery of fully assembled and ready-to-go fuel systems. This also provides an opportunity to perform full functional testing at the system level in addition to the component level, helping customers to have completely optimized systems upon delivery.

- Integration of valves
- Integration of sensors
- Fuel system assembly

**Full Engine Testing**

LiSK has invested in Dynamometer test cells to help our customers optimize and troubleshoot their total engine system.

- Natural gas or diesel compatible
- Up to 3560 ft-lb, 6000 RPM, 1000 HP
- Up to 300 PSI inlet pressure on natural gas

**Total In-house Capability for Design, Development & Manufacture**

Our philosophy of maintaining complete control of the design, manufacture, and quality of LiSK products has led to a substantial investment in equipment, facilities, and training. This enables delivery of every order to specification, on time and on budget.

**DESIGN & ANALYSIS** 3D CAD design capability. Element (including finite) analysis in vibration, shock, temperature, magnetic, flow, heat transfer, and stress.

**R&D LABORATORY** Electrical characteristics, operational performance including pneumatic and hydraulic pressure/flow stands, response time, life cycling, evaluation of new processes, features, and new product development.

**NDT TESTING & MATERIAL ANALYSIS** Non-Destructive Testing services that includes x-ray, visual, and Dye Penetrant inspection.

**ENVIRONMENTAL TESTING** Including, but not limited to shock, vibration, salt spray, humidity, high (1000F) and low (-150F) temps, altitude to 100,000 feet, and other testing as required.

**HYDRAULIC TESTING** Up to 75HP, 60,000 PSI

**PNEUMATIC TESTING** Up to 6000 PSI, 750 SCFM. Air and nitrogen available depending on pressure and flow requirements.

**PACKAGING** Commercial, military, environmental storage, custom, VPCI, and returnable packaging and cleaning.

**MANUFACTURING ENGINEERING** In-house Tool/Machine design and build capabilities.

**CNC WINDING MACHINES, COMPUTER AUTOMATED TEST STANDS** Reduces manual testing time and cost and eliminates operator error.

**CNC MACHINES** Multi-axis, vertical and horizontal turning and milling as well as automatic manufacturing cells.

**SCREW MACHINES** Six spindle, eight spindle chucking and bar.

**WELDING/BRAZING** Electron beam, gas tungsten arc welding, laser, induction, heliarc, spot welding, and brazing.

**PLATING** Cadmium, zinc, electroless nickel, zinc phosphate, chemical film on aluminum, anodize, passivate, Zinc Nickel and others.

**PRESSURE MOLDING** Transfer and injection coil overmolding.
DEDICATED TO CONTINUOUS IMPROVEMENT AND TOTAL CUSTOMER SATISFACTION.

Our investment in equipment and facilities is just part of our commitment to customer satisfaction. We also demonstrate it through the use of statistical process controls, Lean Manufacturing programs and continuous personnel and supplier training. It is this level of dedication and investment that makes LISK a global leader in the design and manufacture of Solenoids, Solenoid Valves, Sensors (LVDT) and Flame Arrestors.

LISK. ACTIVATING THE WORLD.