



For over 30 years, the gas lift industry has seen the development and maturation of the gas lift product that Superior Energy Services is currently providing. Our commitment to sound engineering, innovative optimization and troubleshooting techniques, quality manufacturing and professional value-added approach to gas lift provides the industry with state-of-the art solutions to everyday production problems. Our years of experience coupled with our commitment to excellence makes the Superior approach the standard by which others are measured.

Gas Lift Products

Gas Lift Valves

The Superior gas lift valve product line includes injection pressure operated (IPO) gas lift valves, production pressure operated (PPO) gas lift valves, pilot operated gas lift valves, single point injection orifice gas lift valves, and dummy valves. Superior manufactures both 1" and 1 ½" OD gas lift valves. The Superior approach to providing quality products at competitive prices includes equipment that surpasses other equipment provided in general. We differentiate ourselves from our competition by providing tungsten carbide stems and seats as well as an arc'd three-ply Monel® bellows as our standard product offering. These premium features enhance the performance of Superior equipment in harsh and abrasive conditions.

Gas Lift Latches

Superior Energy Services holds several patents on the design and manufacture of a series of retrievable latches – the I Series latch (Patent numbers: #4,813,730; #4,940,089; and #5,205,357). The I Series latch eliminates the problems associated with standard latch operations. This latch eliminates the problem of valve and latch bending, parting and unsecured setting. The I Series latch is available in both 1" and 1 ½" OD sizes. We also manufacture the standard range of 1" and 1 ½" OD latches manufactured throughout the industry. All of our latches are designed and manufactured to industry standard and meet all engineering specifications of design and metallurgy.



Side Pocket Mandrels

Superior Energy Services offers a line of side pocket mandrels that are backed up with over 150 years of manufacturing experience. The mandrels were designed using the latest technology available to the industry utilizing a quality assurance program that is second to none. The quality assurance program enforced throughout all phases of the manufacturing process ensures that we provide high precision products that have complete traceability. The strict adherence to all of the processes guarantees total compliance to design specifications.

Superior Energy Services offers a complete line of side pocket mandrels that accept both 1" and 1 1/2" OD gas lift equipment. We provide mandrels for tubing sizes from 2 3/8" through 4 1/2". Larger sizes are being designed currently and will be made available to the industry shortly. Mandrels are manufactured from AISI 4130, 13 CR/410SS, S13 CR and 9CR-1MO steels. All materials are procured to ASTM standards. All mandrels are welded using ASME qualified welders; uniformly heat-treated using the quench and temper process, and pressure tested in accordance with design specifications.

Superior Energy Services also offers the total side pocket mandrel product line for both waterflood installations and chemical injection installations in the same sizes and metallurgy stated above.

Gas Lift Design, Troubleshooting, & Optimization Services

To further enhance the performance of our equipment in our client's wells and to increase the value of that performance in our client's wells, Superior Energy Services has assembled a group of professional gas lift engineers and technicians to provide state-of-the-art gas lift designs, analysis, troubleshooting and optimization services. We are dedicated to improving your well's performance and offer analysis, recommendations and designs using WellFlo and our proprietary MGLDS programs.

Our gas lift professionals collect the data necessary for the in-depth analysis required to make recommendations to enhance well performance.