



Artificial Lift Services

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Q2 PREMIUM SAND TWISTER PUMP

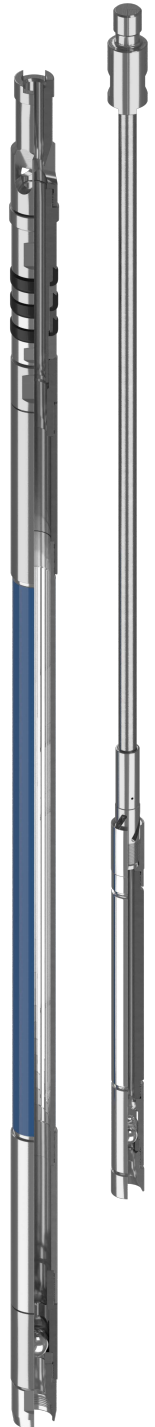
The Q2 Premium Sand Twister Pump was designed to increase run lives and decrease lost production on wells that produce all types of sands and debris. This pump design forces the sand and debris into the plunger on both the up and down stroke and does not allow sediments to settle in between the barrel and plunger which causes premature wear and hang up issues.

PUMP DESIGN: This pump is available in a standard API design or in our HV (High Velocity) design.

APPLICATIONS: Sand Laden Wells—Wells that produce large quantities of sands and solids.

This specialty design will decrease both lost production and equipment failure caused by large volumes of sand and sediments. The Q2 Premium Sand Twister Pump will include the following:

- Our Q2-Flow One Piece Insert Guided Cage allows the greatest amount of flow through the cage with the least amount of ball chatter. This increases velocity in which sand and sediments can travel through pump.
- Our Q2 Sand Twister Top Plunger Cage which is designed to direct the sand and debris into the top of the plunger by its beveled edge design. The twisted ports help keep the sand and debris in motion.
- Our precision machined Q2 PSP Tapered Seat Plug forces sand and debris into the travelling cage, disallowing sediments in between the barrel and plunger on the down stroke.
- Our Q2 Top Check Assembly will prevent sand and sediment from entering pump on the downstroke.
- This design can be run with any of our Q2 Chrome Plated Barrels (Duplex Chrome), and with a wide selection of our Q2 sand and frac plungers. It can be run in tandem with either a sand screen or a full flow screen depending on customers required needs.



FEATURES

- Monel component to increase strength and promote corrosion resistance
- Precision Machined
- Beveled Edge
- Spray Metal Coated
- Q2-Flow Cages

BENEFITS

- Extends run lives
- Eliminates sand from settling between plunger and barrel
- Increases pump efficiency