SOUTHERN
STIMULATION TECHNOLOGIES
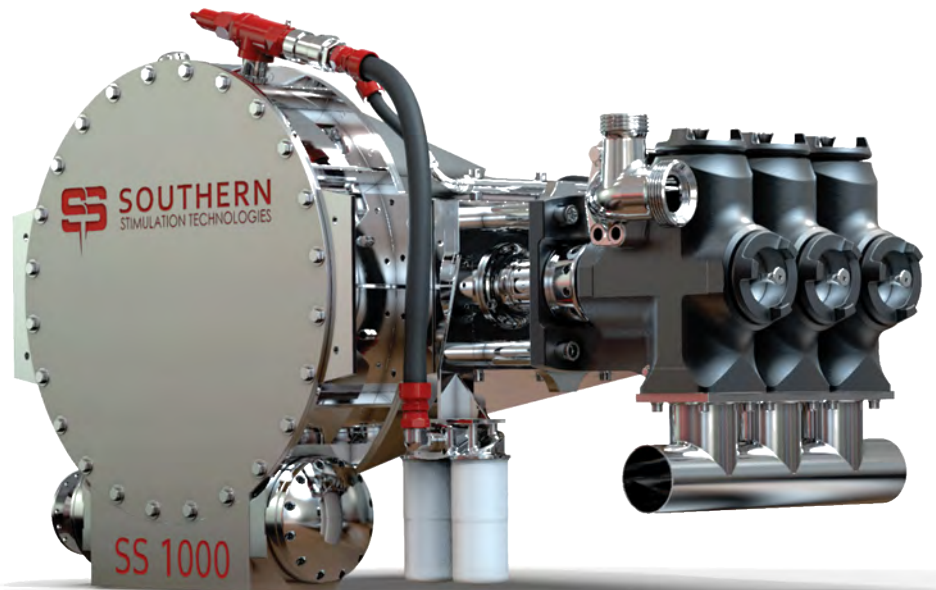
1000
TRIPLEX

Advanced Pumping Starts with Southern.

With a smaller footprint than quintuplex pumps, the well-proven SS-1000 Triplex pump provides increased performance over competitors in the same class. With an 8-inch stroke and 6.667:1 gear ratio you can achieve operating requirements with only three cylinders as opposed to the industry standard of five. The SS-1000 comes standard with Stainless Steel Fluid Ends and patent pending One-N-Done Technology giving you all the benefits of several plunger sizes in one simple package.

Key Benefits:

Designed, Manufactured and Assembled in the USA
Modular Fluid End Design
Solid One Piece Upgraded Crank Shaft
Worm and Wheel Style Gearing
Stainless Steel Fluid Ends Standard
Comes Standard with One-N-Done Technology

Applications:

Coil Tubing and other High Pressure Applications
Direct OEM Replacement for the Axon HD-1000
Comparable with SPM QWS-1000, GD-1000Q, Serva QPA-1000, MSI QIH-1000

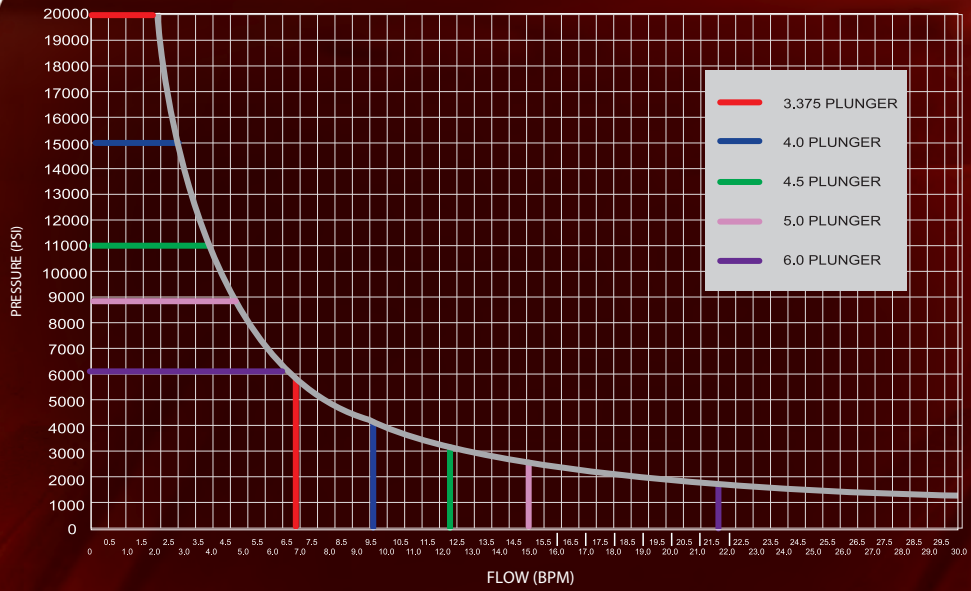# ONE N DONE

1000 TRIPLEX

SS-1000 Performance Curve

Legend:
- 3.375 PLUNGER
- 4.0 PLUNGER
- 4.5 PLUNGER
- 5.0 PLUNGER
- 6.0 PLUNGER

Axes: PRESSURE (PSI) vs FLOW (BPM)

Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency.

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Power End

Input Speed (Max)	2000 rpm
Gear Type	Worm-Wheel
Gear Ratio	6.667:1
Driveshaft Diameter	4.5" Worm
Maximum Crank Speed	300 rpm
Maximum Rod Loading	190,000 lb
Stroke	8"

Case/Crank/Crosshead

Case	Weldment
Crankshafts	Forged Steel
Connecting Rods	Aerospace Grade Aluminum
Crossheads	Steel
Crosshead Bearings	Phosphor Bronze
Oil Lubrication	External Auxiliary Pump (32 gpm required)
Oil Filter	High Pressure, Replaceable Element
Oil Capacity	23 Gallon Synthetic
Weight (dry)	6,900 lb

Fluid End

Material	Stainless Steel
Plunger Type	2 Piece Design
Valves Seats	Full Open Valve Design
Pressure Packing	Low Friction
Discharge Flanges	Straight, Elbow Fig. 1502/2002 connections

Fluid End Size - Maximum Working Pressure

3-3/8"	20 000 psi
4"	15,000 psi
4-1/2"	11,200 psi
5"	9,000 psi
6"	6,300 psi

Southern Stimulation Technologies reserves the right to change or modify this information any time.