



**WELL MASTER**  
*Produce more. Spend less.*

# VENTURI VIPER™

## BREAKTHROUGH INNOVATION

### APPLICATIONS

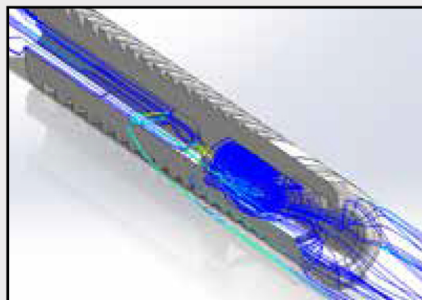
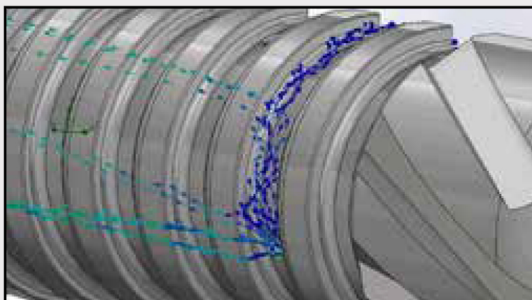
- **Patented Innovative design** bridges gap between continuous and conventional run plungers
- Dynamic Seal™ provides an ideal solution for **horizontal and directional wells**
- **Proven** in a wide range of wells from low to high rates
- Very effective in **Low Gas-Liquid Ratio (GLR)** wells

### FEATURES AND BENEFITS

- **Fast fall** and efficient lift with **no moving parts**
- Behaves like a **traveling gas lift valve**
- **Supersonic** gas flow through venturi lightens liquid load
- **Spin-Cleaning** action works on plunger fall and upstroke
- Variable groove depth and spin turbulence **increases sealing efficiency**
- Hardened steel plated with electroless nickel for **extended life**
- Titanium versions available for **safe, low impact** on lubricators
- Exterior connecting holes direct spinning turbulent gas to tubing wall acting like a pressure washer causing an **enhanced seal**



PLS2000SV\*



*Gas traveling through the Venturi Viper™ plunger*



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## TECHNICAL SPECIFICATIONS

Part No.	Outside Tubing Dia. (in.)	Nominal Inside Tubing Dia. (in.)	Nominal Tubing Weight (lbs./ft.)	Plunger Length (in.)	Nominal Plunger Dia. (in.)	Plunger Weight (lbs.)
PLS1500SV	1 9/10	4.7	2.40	9.30	1.500	2.8
PLS1700SV	2 1/16	4.7	3.25	9.63	1.641	3.5
PLS2000SV2*	2 3/8	2.0	4.70	10.30	1.890	5.4
PLS2000SV*	2 3/8	4.7	4.70	10.30	1.890	5.4
PLS2000SV6*	2 3/8	6.0	4.70	10.30	1.890	5.4
PLS2000SV8*	2 3/8	7.0	4.70	10.30	1.890	5.4
PLS2000SV10*	2 3/8	10.0	4.70	10.30	1.890	5.4
PLS2000SV12*	2 3/8	12.0	4.70	10.30	1.890	5.4
PLS2000SV14*	2 3/8	14.0	4.70	10.30	1.890	5.3
PLS2000SVL2	2 3/8	2.0	4.70	15.00	1.890	7.9
PLS2000SVL	2 3/8	4.7	4.70	15.00	1.890	7.9
PLS2000SVL6	2 3/8	6.0	4.70	15.00	1.890	7.9
PLS2000SVL8	2 3/8	8.0	4.70	15.00	1.890	7.9
PLS2000SVL10	2 3/8	10.0	4.70	15.00	1.890	7.9
PLS2000SVL12	2 3/8	12.0	4.70	15.00	1.890	7.8
PLS2000SVL14	2 3/8	14.0	4.70	15.00	1.890	7.8
PLS2500SV*	2 7/8	4.7	6.50	10.30	2.335	8.4
PLS2500SVL	2 7/8	4.7	6.50	15.00	2.335	12.3
<b>Materials of Construction:</b>	Constructed of hardened and electroless nick plated steel for sweet gas service * <b>Available in low hardness and stainless steel options.</b> CO2: As above but in lower hardness for improved performance <b>Add LH to end of part number</b> Sour Gas: Treated <b>stainless steel</b> for corrosive environments - <b>Add H2S to the end of part number</b>					

Add 2, 6, 8, 10, 12 to the end of **PLS1500SV** for those options on orifice sizes

Add 2, 6, 8, 10, 12, 14 to the end of **PLS1700SV, PLS2500SV & PLS2500SVL** for those options in orifice sizes.

## PATENT INFORMATION

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7,395,865; 7,793,728 and 8,607,880

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