



# ACTIVE SPEED CONTROL TECHNOLOGY

The Speed Control Pig by Inline Services dynamically regulates tool speeds within high-velocity Natural Gas pipelines to maximize efficiency in pipeline cleaning. These tool speeds, as specified by the pipeline operator, are actively fine-tuned during the operation to ensure optimal cleaning without compromising gas flow. The design of the Speed Control Pig caters to various applications, such as maintenance cleaning, chemical cleaning, pre-ILI gauging, and inhibitor spreading.

## SPECIFICALLY DESIGNED FOR

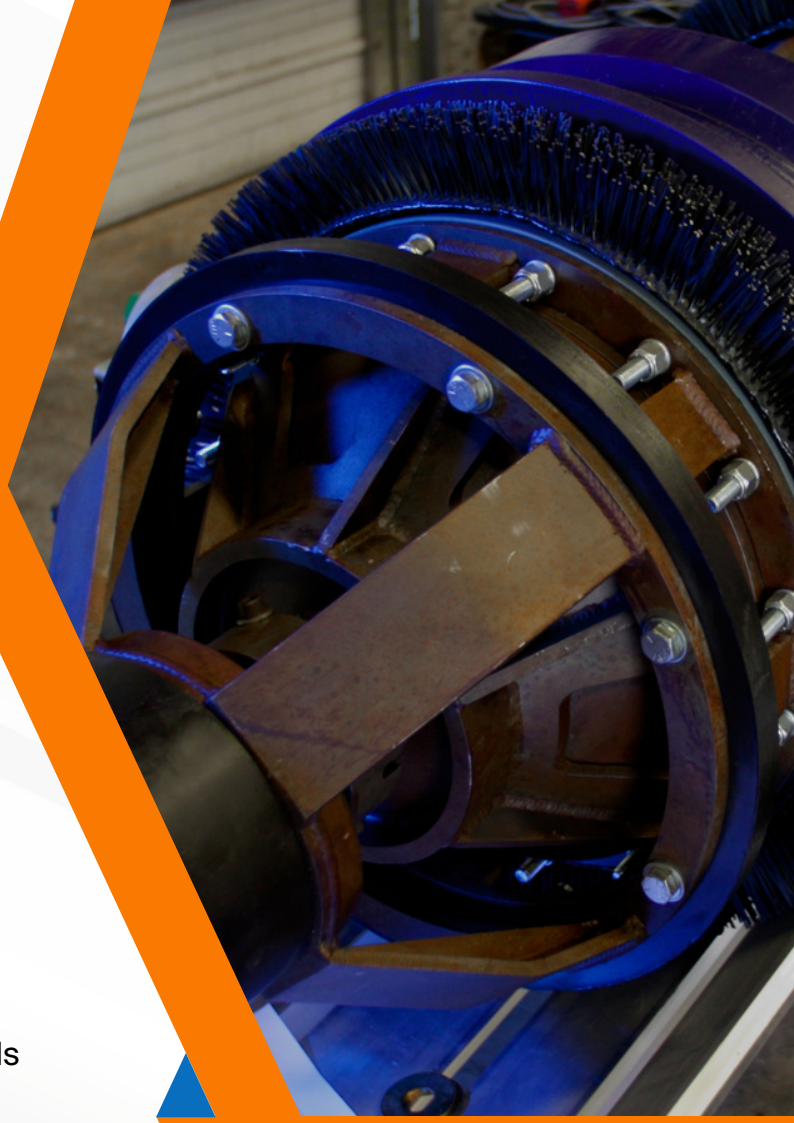
Natural Gas Pipelines    Natural Gas Liquids

## SCP APPLICATIONS

- Maintenance Cleaning Runs
- Chemical Cleaning Runs
- Pre-ILI Cleaning Runs
- Gauging
- Inhibitor Spreading

## WHY USE THE SCP?

Reducing the flow rate can be a complicated decision to plan. Coordination between pipeline integrity, operations, gas control, commercial groups, and end users can be time-consuming and costly, especially when on a tight inspection deadline. The alternative of sending a standard cleaning pig with no reduction in flow can result in multiple runs at unsafe and inefficient speeds. The Active Speed Control Pig (SCP) maintains operator-specified speeds without a reduction in flow. The SCP safely and effectively cleans high-velocity pipelines through active speed control technology.



## SCP FEATURES

- CONTINUAL ACTIVE BYPASS DURING TOOL RUN
- OPERATOR DEFINED SPEEDS
- REDUCTION IN FLOW NOT NECESSARY
- RECORDS TOOL DIAGNOSTICS AND BASIC PIPELINE DATA
- TWO ADDITIONAL TOOLS SUCH AS AGGRESSIVE CLEANING PIGS OR DEBRIS MEASUREMENT & MAPPING
- VARIABLE BYPASS SUSPENDS DEBRIS AHEAD OF TOOL
- AGGRESSIVE DUAL-BODY CLEANING

TURN FOR SPECIFICATIONS

# ACTIVE SPEED CONTROL SPECS



	20"	24"	30"	36"	42"	48"
Total Weight	800 lbs.	1,000 lbs.	1,600 lbs.	1,900 lbs.	2,200 lbs.	2,500 lbs.
Minimum Bend Capability	1.5D	1.5D	1.5D	1.5D	1.5D	1.5D
Minimum ID In Straight Pipe	17"	19"	24"	29"	34"	42"
Minimum Gas Flow	100 mmcf/d	100 mmcf/d	300 mmcf/d	400 mmcf/d	500 mmcf/d	800 mmcf/d
Maximum Gas Flow	400 mmcf/d	500 mmcf/d	1.0 bcf/d	1.6 bcf/d	2.8 bcf/d	3.2 bcf/d
Lithium Battery Life	84 hrs +/-	112 hrs +/-	112 hrs +/-	112 hrs +/-	112 hrs +/-	112 hrs +/-
Number of Odometers	2	2	2	2	2	2
Pressure	1,500 psi	1,500 psi	1,500 psi	1,500 psi	1,500 psi	1,500 psi
Shock Sensor	1x Vibration 0-25g	1x Vibration 0-25g	1x Vibration 0-25g	1x Vibration 0-25g	1x Vibration 0-25g	1x Vibration 0-25g
Accelerometer	1x Tri-Axial -3 to +3g	1x Tri-Axial -3 to +3g	1x Tri-Axial -3 to +3g	1x Tri-Axial -3 to +3g	1x Tri-Axial -3 to +3g	1x Tri-Axial -3 to +3g
Memory	✓	✓	✓	✓	✓	✓
IMU	✓	✓	✓	✓	✓	✓
Fail-Safe Activation	Customer Specified - Up to 100 hrs	Customer Specified - Up to 100 hrs	Customer Specified - Up to 100 hrs	Customer Specified - Up to 100 hrs	Customer Specified - Up to 100 hrs	Customer Specified - Up to 100 hrs
Tracking Transmitter	22 HZ	22 HZ	22 HZ	22 HZ	22 HZ	22 HZ

