

LAUNCHERS & RECEIVERS



LAUNCHERS & RECEIVERS

Pipeline Equipment, Inc. has extensive experience designing and fabricating Pig Launcher and Receiver systems. We offer many configurations including horizontal, vertical, or sloped ranging from a simple launcher and receiver to complete skid mounted units with all valves and associated piping. Each configuration is designed to meet the customer's specific application in compliance with applicable codes and material specifications.

Most pipelines must be pigged to either clean the pipeline for flow improvement and corrosion control, batch different products, displace certain products, or inspect the line for integrity assurance. The primary purpose of a pig launcher and receiver is to allow the launching or receiving of a pipeline pig without interrupting the flow.



BENEFITS OF WELL DESIGNED LAUNCHER & RECEIVER SYSTEMS

- Safety features which eliminate accidents
- Reduced operation and field installation cost
- Easier launching and receiving process
- Consistency in launching and receiving procedures and operator qualifications
- Assurance that the unit is in compliance with applicable codes and standards



AUTOMATED LAUNCHERS & RECEIVERS

In addition to standard units with manual controls, PEI also provides automated units which significantly reduce manpower, valve maintenance, gas releases, and HSE concerns. For rich wet gas systems that require routine pigging to increase production and remove valuable liquids, PEI offers the Automatic Spherical Pig System which holds multiple spherical pigs that can be released locally, on a timed basis, or remotely. Cleaning, Batching, and Inspection Pigs can also be launched and received in the automated systems.



PIGS

PEI offers a complete line of pigs for all pigging applications:



SPHERICAL PIGS
MULTI-SEAL PIGS
TUFF CAST PIGS



BIDI PIGS
CONICAL FLEX PIGS
FOAM PIGS



FOR MORE INFORMATION VISIT WWW.PIPELINEEQUIPMENT.COM/FIND-A-REP OR CALL 877-914-4144

WWW.PIPELINEEQUIPMENT.COM



FABRICATION
EXTRUSION
MACHINE
COATING

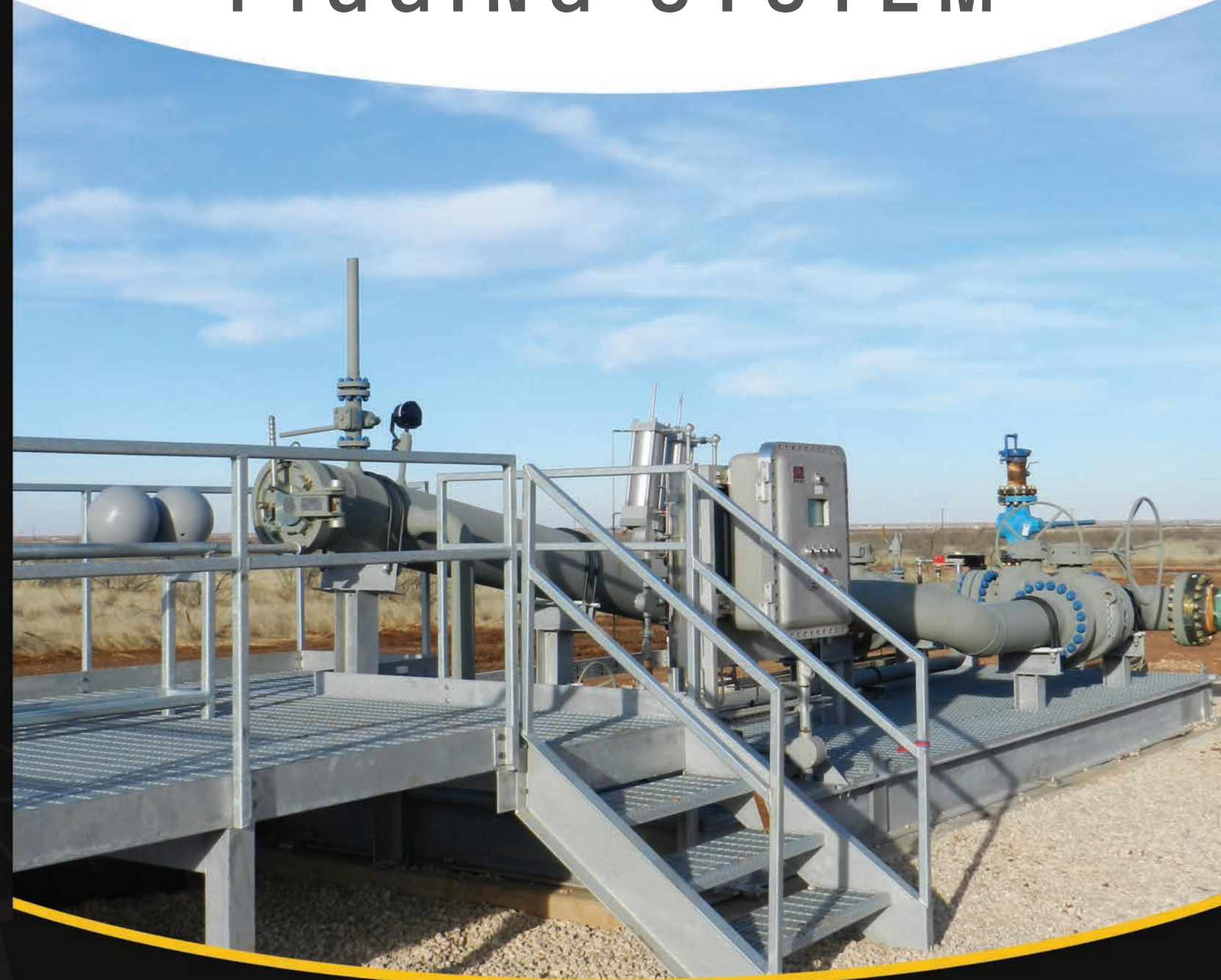
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AUTOMATED PIGGING SYSTEM

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Do you operate a wet gas system that needs routine pigging to increase production? Is moving those valuable liquids to the processing plant important?

If so, PEI offers the Automated Pigging System.



The system allows the operators three choices to automatically launch spherical pigs:

- ① Locally at launch site, simply by pushing the “launch” button.
- ② On a timed basis. Just set the desired time between launches, lock it in and allow it to operate.
- ③ On a remote signal basis. Just send a signal from your control center and a launch will occur and return a completed launch signal.

With the flow through barrel design, valves are only cycled when loading spherical pigs or launching a pig.

The automation quickly pays for itself by:

- Reduction in Manpower
- Reduction in Gas Releases
- Reduction in Valve Maintenance
- Lessens HSE Risks

THE CONTROL SYSTEM

The Automated Control System utilizes a PLC with an HMI in an optional Class 1, Division 1, explosion proof housing mounted in an easily accessible area on the launcher skid. Regulated and filtered pipeline gas is used to operate the pneumatic controlled launch pins. Optional pins choices are available.

The Control System Screen Displays:

- Time
- Log-In Request
- Launch Pins Position
- Launch Time
- Last 25 Events
- Date
- Number of Spherical Pigs
- Pig Passage Indicator
- Next Scheduled Launch
- Errors (should one occur)

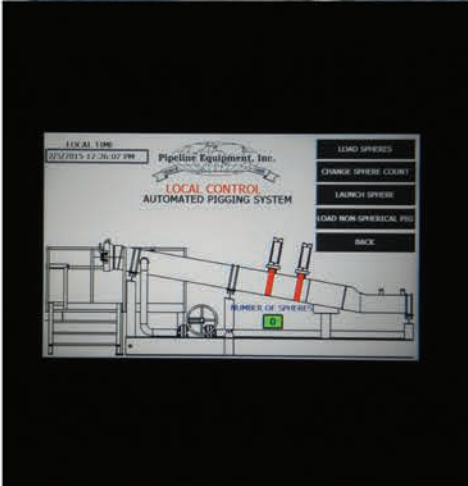
YOU HAVE TWO OPTIONS:

- ① Automated spherical pig launch only.
- ② Automated spherical pig launch with the capability to manually launch Cleaning, Displacement, or Inline Inspection pigs.

Our standard units hold ten (10) spherical pigs in sizes up to 14” and eight (8) spherical pigs in sizes 16” and larger. We also can provide work platforms to ease the loading and unloading operation.

If interested, allow us to explain the details of the system and provide you with a quotation. We provide start-up assistance, operator training and quick delivery to meet your requirements.

For more information or to request a quote, contact: Pipeline Equipment, Inc. - Tulsa, OK (918) 224-4144 • info@pipelineequipment.com • www.pipelineequipment.com



AUTOMATED PIGGING SYSTEM