Portable pig tracking equipment can be utilised to monitor the progress of a pig as it travels through a pipeline. Transmitters and detectors can also be used to accurately pinpoint the location of a stuck pig.

**ABOVE GROUND MAGNETIC PIG TRACKING EQUIPMENT**

This is a portable, battery operated pig tracking system that operates by detecting a change in magnetic field as a pig passes through the pipeline beneath the sensor. No excavation or bare pipeline access is required – the sensor is simply positioned on or in the ground and is capable of detecting a pig in a pipeline up to 3m below ground.

**ACOUSTIC MONITORING EQUIPMENT**

This equipment enables the user to listen to the progress of a pig as it travels through the pipeline. The fully portable, battery operated system operates by filtering noises generated by a pig as it passes over internal weld beads, which are then amplified to produce an audible output via headphones.

**NON-INTRUSIVE PIG SIGNALLERS**

Non-intrusive pig detection and pig signalling systems can be supplied for portable, temporary or permanent installation for onshore, offshore or subsea applications. Equipment can also be supplied with the relevant certification for use in a hazardous area.

**TRANSMITTERS**

Electronic transmitters are often installed in the rear of pigs to enable the exact location to be identified in the event that the pig stops or becomes stuck. Pigtek can supply pigs fitted with various transmitters, or brackets to mount an existing transmitter. Portable transmitter detection units can also be supplied.

**PIG LOADING & RECEIVING TRAYS**

Pigtek can provide pig handling trays for loading or removing pigs. The drive mechanism for the trays are tailored to customers requirements and include manual, air driven and hydraulic. Trays can be portable or for permanent installation and provide a safe yet rapid solution whilst working in front of an open pipeline.

- Fast and Simple Set Up
- Individual Leg Height Adjustment
- Multi-Site Pig Loading/Unloading
- Heavy Duty Swivel & Brake Castors
- Common 3/4” Gearbox Fitting for Manual or Air Drive
- Removable Tray Extension Lip
- Pusher Bars for Pig Loading
- Adjustable/Welded Support Units for Centralised Pushing

For further information about Pigtek, please visit [www.pigtek.com](http://www.pigtek.com)
ADVANCED CLEANING PIGS
Pigtek’s specialist cleaning pigs are designed to optimum performance and have achieved top results in extensive pigging trials. Comprehensive pigged conditioning is essential for flow assurance and maintaining pipelines through the use of efficient pigging equipment has many advantages;
- Improved Flow throughput
- Reduced pipeline operating costs
- Stable flow pressure and velocity
- Construction of cleaner, easier to access to bare pipewall for maximum protection
Pigtek have products specifically designed to tackle various types of pipeline debris, such as wax, scale, sand, sludge, dust and ferrous debris.

EXPERIENCE COUNTS
Pigtek continue to design and develop many unique specialist pigs and revolutionary pigging methods. From tackling pipelines with little or no previous pigging history to routine maintenance pigging, Pigtek have the products, services and expertise for your pipeline flow assurance, no matter how diverse.

• Rapid Response
• Tailored Solutions
• Hire Fleet of more than 150 pigs
• 4x4 Trucks for Intended Services
• More than 4,500sq.ft Offices, Workshop and Storage
• Assembly Facilities
• Pig Trails & Testing Facilities
• AutoCAD Design Facilities

Full technical support is assured for all our products and services. Pigtek are certified to ISO 9001:2000.

INNOVATIVE PIGGING SOLUTIONS
Pigtek are world leaders in providing specialist pigging products and services for applications where “standard” or “proprietary” products simply cannot perform or are proving to be inefficient.

Products and services are performance driven and Pigtek’s reputation is built on quality, experience and customer care. Clients include many of the world’s leading oil and gas majors, prominent pipeline operators and international pipeline inspection companies.

www.pigtek.com

SPECIALIST PIGS
Pig design and produce individual, unique pigs to overcome specific pipeline pigging problems. Following an initial assessment, pig development often continues through full-scale trials and testing of a prototype pig. It’s vital to provide the opportunity to witness how the pig is likely to perform in “live” conditions and enable any amendments to be made before final production.

- Advanced By-Pass Pigs
- Tailored Pigs
- Dual Diameter Pigs
- Multi Diameter Pigs
- Wax Feeding Pig
- High Seating Pig
- Long Distance Pigs
- High Temperature Pigs

ADVANCED BY-PASS PIG
This pig is fitted with a number of internal pressure relief valves. If the pig becomes stuck due to a build up of debris, the differential pressure across the pig will increase until the valves open. Jets of product can then flow through the valves and flush the debris away. The differential pressure will then drop, the valves will close and the pig will continue to traverse the pipeline.

ON-LINE PIGGING SERVICES
The level of on-line pigging service experience that Pigtek have is probably unrivalled. We understand and are familiar with the challenges and logistics that pipeline operators are faced with when undertaking any pigging operation. Pigtek take a “hands-on” approach and our personnel have pioneered many industry leading pipeline cleaning methods. We continue to develop new and evermore efficient technology to maintain our position as the market leaders.

• Pipeline Proving and Gauging Services
• Advanced Pipeline Cleaning Services
• Pre Inspection Pipeline Cleaning Services
• Pig Tracking and Pig Location Services
• Advanced By-Pass Pig Location and Remedial Services
• Training and Supervision during live pigging operations

For additional pipeline cleaning, two pigs can be connected together using proven universal or ball joint designs to form a Dual Module Pig, such as;
- Dual Module Brush/Magnetic Cleaning Pig
- Dual Module Brush/Brush Cleaning Pig
- Dual Module Magnetic Cleaning Pig
- Dual Module Filler/Capped Cleaning Pig
- Dual Module Bi-Directional Pig

Alternatively, if the pig has become stuck due to a mechanical restriction, the valves will remain open and allow product to by-pass through the pig, providing a complete pipeline shutdown.

The Advanced By-Pass Pig can also be used as a Rescue Pig to locate and remove lost or stuck pigs, while minimising the risk of a complete pipeline blockage.