



**iNPIPE PRODUCTS™** is an acknowledged world leader in the design, manufacture, supply and hire/rental of pipeline pigging, maintenance, testing and isolation products for over 35 years.

The company engineers a comprehensive range of products including foam and metal bodied pigs, cup pigs, bi-directional cleaning, gauging pigs, pig handling equipment, isolation tools, spheres, pig signallers, pig tracking, pig diverters, pig launchers and receivers as well as bespoke engineered solutions to meet specific client requirements.

**Articulated Pigs**

Pipeline articulated pigs are designed to overcome pipeline feature constraints, negotiating wye connections and tight radius bends. **iNPIPE PRODUCTS™** has developed significant experience and a multitude of articulated pig body designs to overcome the pipeline feature constraints and provide the client with proven and durable solutions.



**Bi-Directional Pigs or Bidi Pigs**

The design philosophy of pipeline cleaning using bi-directional disc pigs, also known as scrapers or mandrel pigs, lies behind the need to pig in both directions. Bi-Directional Pigs [bidi pigs] are designed to be used for hydrostatic testing, displacement of water or air, removal of debris, liquid evacuation and/or product separation.



**Cup Pigs and Conical Cup Pigs**

The design philosophy of pipeline cleaning using cup pigs lies behind the need to pig in a single direction. Cup pigs and conical cup pigs which can traverse a reduction in bore of up to 25% can be used for filling a line in preparation for hydrostatic testing, displacement of water or air, removal of debris, liquid evacuation and/or product separation.



**Desalination pigs and handling equipment**

Total integrated solutions for water inlet pipeline cleaning systems. Desalination pigs for seawater inlet pipeline cleaning systems including pig handling and loading system, pig launchers and receivers.



**Dual or Multi Diameter Pigs**

The dual or multi diameter pig should not be confused with a pig that can traverse changes in wall thickness of any given size; a true dual or multi diameter pig can traverse a full size step change of 18" to 20", which is a difference of 2", or from 24" to 30", which is a size change of 6".



**FLEXICAST™ Pigs**

Primarily FLEXICAST™ pigs are used as separation pigs, displacement pigs or batching pigs. They are maintenance free and disposable so are often the preferred pig for cleaning and batching when mandrel or metal bodied pigs would not be suitable due to the construction of the line or where a number of short radius bends are in close proximity to each other.



### Hybrid FLEXICAST Foam Disc Pig

**iNPIPE PRODUCTS™** Hybrid FLEXICAST™ Foam Pig technology incorporates the inherent and proven flexibility of the FLEXICAST™ to traverse 1D bends with an ultra-lightweight foam construction. The unique design ensures highly abrasive resistant solid polyurethane U-section wiping blades coupled with a low weight design.



### Foam Pigs

Pipeline Foam Pigs for pipeline cleaning, de-watering and swabbing, sizes ranging from ½” to 90”. The foam pigs or polly pigs are manufactured specifically for the pipeline and can be adapted to include transmitter housing, tow loops, gauge plates and magnets; we have even manufactured polly pig camera variations for internal inspection purposes.



### Gel Pigs

Gel Pigs are chemically constructed with a rigid or semi-rigid structure. Consequently, these pigs are ideal to use where conventional pigging is not possible, usually because of no launching or receiving hardware, tight bends or significant changes in ID.



### Magnetic Pipeline Pigs

Pipeline magnetic pigs are mandrel bodied pigs fitted with high strength neodymium magnet boxes and are used for pig tracking or cleaning of ferrous debris in the pipeline. Magnets can also be moulded into solid flexible polyurethane pigs or moulded into polyurethane discs if space is a restricting factor.



### Spheres

**iNPIPE PRODUCTS™** spheres are available up to 36” and inflatable spheres incorporate a method of manufacture to ensure a monolithic joint free sphere. Ancillary accessories include sphere sizing rings, sizing tapes, inflation tools, sphere lifting tools, sphere transportation cassettes, storage nets and hammocks.



### Studded or Pin-Wheel Pigs

Studded or pin wheel pigs are generally used for the removal of scale and hard wax deposits from the pipe wall. A pin wheel pig is designed in a similar way to a standard mandrel bodied pig but it is fitted with heavy duty polyurethane discs fitted with pins into which tungsten carbide or ceramic balls are mounted which protrude from the edge of the disc.



### Pig Signallers

The pig signaller is used to indicate the pig has left the Launcher, arrived in a receiver or passed a certain point in the pipeline. Unlike competitors' bi-directional and unidirectional pig signallers, the **INPIPE PRODUCTS™** signaller is designed to operate through 360°. This unique design feature ensures that it is impossible to install in an incorrect orientation.



### Pig Diverters

Pig diverters can be fitted to pipelines as a controller to provide automatic travel of spheres, mandrel bodied and intelligent pigs through the connection for pigging purposes. Pig diverters can be either manually operated, with a hand wheel, or fitted with electric [ATEX rated] or hydraulic actuation for remote operation if required.



### Launchers & Receivers

The launchers / receivers, commonly known as pig traps, easily allow the loading or unloading of pigs and spheres into or out of a pipeline. The design of the launchers and receivers engineered by **INPIPE PRODUCTS™** has developed over the years to ensure intrinsically safe, fast and efficient operation.



### Portable Pig Launchers

A cost effective, flexible and temporary means of pigging pipelines, particularly during pipeline construction.





# INPIPE

## PRODUCTS



35 years

CELEBRATING 35 YEARS 1984-2019

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