



# M/s. ARR FreeFlow Private Limited

Polyurethane products for static and dynamic  
applications



# ABOUT US



M/s. ARR FreeFlow Private Limited is a manufacturer, supplier, and exporter of a wide range of Polyurethane Elastomeric Products such as: Pipeline cleaning pigs & its spares, Polyurethane pad and wheels, Polyurethane Foam Fender, Pig signallers.

These products are well-liked in the market due to their durability, high tensile strength, and abrasion resistance. We offer these products in a variety of shapes, sizes, and specifications. The professionals who work with us use their extensive knowledge and experience to ensure that our valued clients are completely satisfied.



Furthermore, the entire range of offered products is tested on various quality parameters to ensure their durability at the client's end. With the help and guidance of our mentor, Mr Sarangapani Sasidharan. He have accomplished numerous achievements. His vast industry experience and foresight have been an inspiration to us. He has assisted us in dealing with a complex situation and achieving the desired results thanks to his sound decision.

# INFRASTRUCTURE AND MANUFACTURING PLANTS

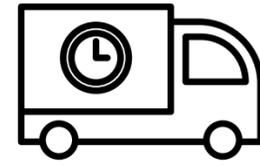
We have a unit with sophisticated machines and technologies that assist us in the manufacture of all Polyurethane products.

We are able to fulfil large orders from our clients due to our modern infrastructure and highly experienced team of professionals. We are constantly upgrading our machines and technologies.

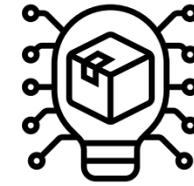
Our professionals are trained on a regular basis to keep them up to date on the latest industry advancements, so that their knowledge can be reflected in our products.



# Why Us?



**ON TIME DELIVERY**



**INNOVATIVE PRODUCTS**

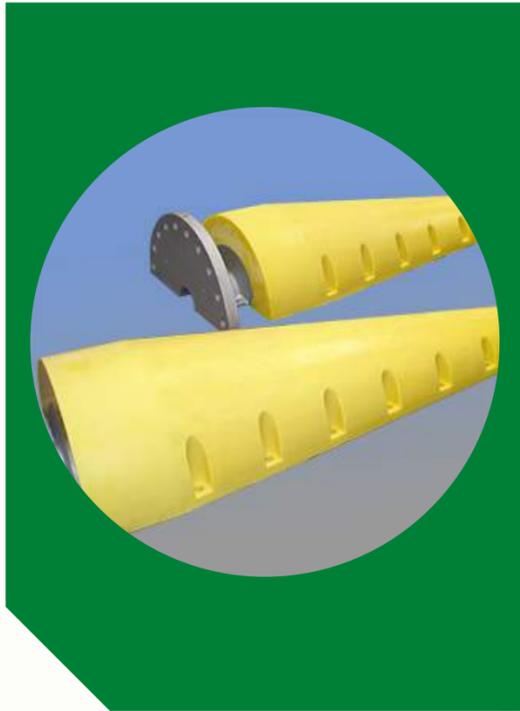


**ETHICAL BUSINESS PRACTICE**



**COMPETITIVE PRICING**

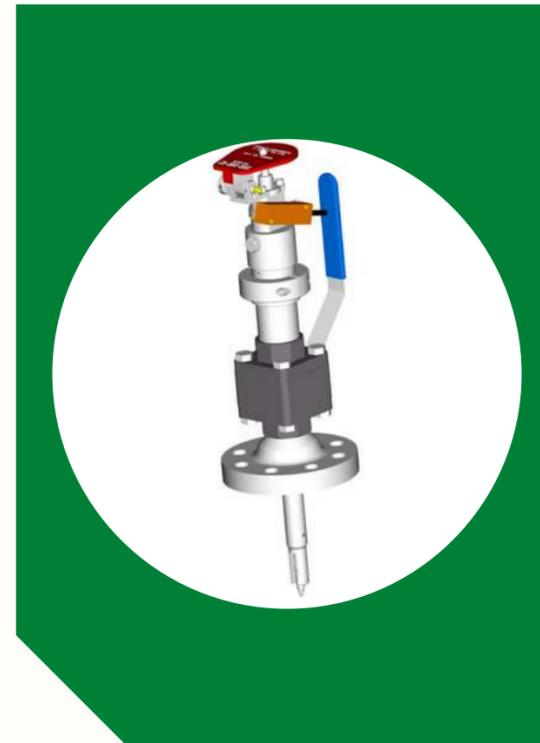
# PRODUCTS



Bend Stiffeners



Polyurethane Vertebrae Bend Restrictor



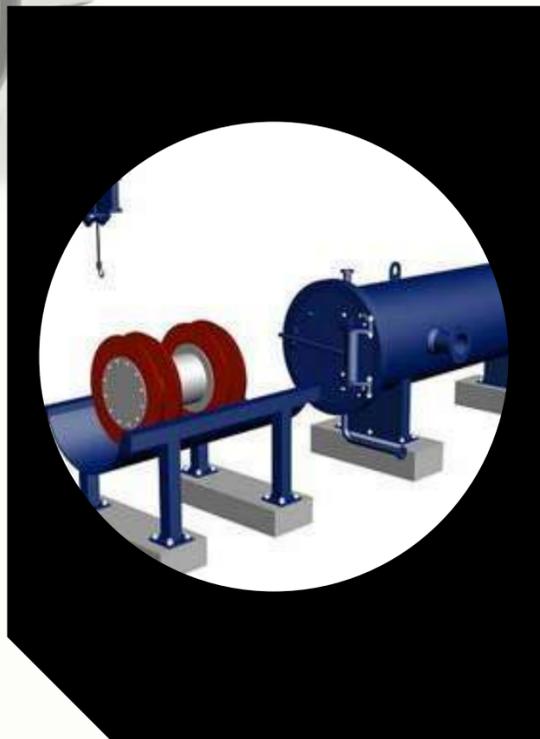
Pig signallers



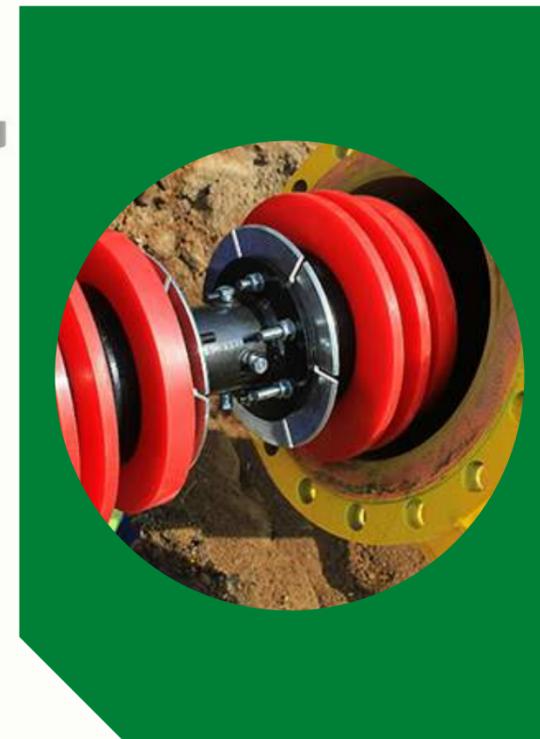
Pipe leak clamp



Pig tracking equipment



Pig launcher and receiver



Pigging Services



Caliper pigging services

# VALUE ADDED

We have the in-house facility of making the moulds for the required or customized shape and size of the foam pigs and cast polyurethane discs and cups so that we can easily develop new products as per customer requirement.

Total area of the  
Factory: 2400  
sq.ft

Skilled and  
well-trained  
employees

Moulds and raw  
materials are  
Readily available

Using higher grade  
raw materials

Higher capacity  
production  
facility

Inhouse Testing  
facility

# PRODUCTS

## BEND STIFFENERS

Polyurethane Bend stiffeners are used to support flexible pipe, umbilical's and cables when connected to rigid structures or a floating production system

## POLYURETHANE VERTEBRAE BEND RESTRICTOR

Vertebrae bend restrictor (VBR) is designed to protect a subsea control line umbilical from bending stresses



## BRUSH PIG

Used to clean the pipelines using strong and flexible brushes. These pigs are equipped also with polyurethane guiding and sealing discs configured in a manner allowing pigging operations in case the flow is reversed.

## CALIPER PIG

Caliper pig: A caliper pig is like a gauging pig. A caliper pig tool is a pig designed with mechanical sensors or arms on the pig's body.

# PRODUCTS

## PIG TRACKING EQUIPMENT

A pig tracker is a device used to monitor and identify the movement and location of a pipeline pig



## BATCH PIG OR CUP PIG

Batching pigs are used for standard pigging operations such as filling and dewatering during hydrostatic testing, routine batching operations, and product removal.

## GAUGE PIG

The Gauging Pigs are designed to indicate obstructions in a pipeline.



## POLYURETHANE HYDRO-CYCLONES

Hydro-cyclone is a continuously device that utilizes centrifugal force to accelerate the settling rate of particles. Polyurethane hydro-cyclones are designed for separating solids from liquids

# PRODUCTS

## PIPE LEAK CLAMP

Device that is used to repair and seal a pipeline containing a leak



## PIG SIGNALLERS

Pig signaller or Pig detector is a device installed on a pipeline or pig trap assembly to detect movement of pig. It consists of a mechanism which detects the movement of pig

## BIDIRECTIONAL PIG

A general purpose cleaning tools equipped with polyurethane guiding and sealing discs configured in a manner allowing pigging operations in case the flow is reversed.



## PIGGING SERVICES

To perform various cleaning, clearing, maintenance, inspection, dimensioning, process and pipeline testing operations on new and existing pipelines.

# PRODUCTS

## PIG LAUNCHER AND RECEIVER

Pig Launchers and Receivers are pressure containing vessels or sections of piping within a pipeline system that are utilized for pipeline maintenance, cleaning, and inline inspection

## POLYURETHANE PAD AND WHEELS

Polyurethane pad and wheels are a unique product that offers the elasticity of rubber wheels combined with the toughness and durability of metal wheels.

## PU SCREEN MESH (MINING)

Polyurethane Screen can effectively absorb impact and reduce noise and improve the working environment. pipeline cleaning pigs and accessories.

## FOAM PIG

Produced from polyurethane foam with coating of various types. These tools are compressible, expandable, lightweight, and flexible. Foam pigs can negotiate multiple diameter pipelines, abrupt bends and practically any imaginable pipeline obstructions.



# OUR BUSINESS PHILOSOPHY

We have extensive experience in manufacturing, exporting, and supplying a wide range of products. We use high-quality raw materials and cutting-edge tools and techniques to create these products.



Clients value these products for their high efficiency, corrosion resistance, low maintenance, and longer service life



In order to meet the requirements, the offered range is meticulously designed.



# CONTACT US



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