PolyVac System Offers Clean Advantages

There are many different types of PolyVac scourer construction materials; it is important we select the correct size, type, grade & density of material for the specific application. Just advise us about project detail, we will take the guess work out of the job. There is no doubt that you will be very pleased with the outcome and how cost effective PolyVac pipeline scourers are.

PolyVac Scourers with and without scourer pad

AUSTRALIAN MADE & OWNED

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Biostat Water

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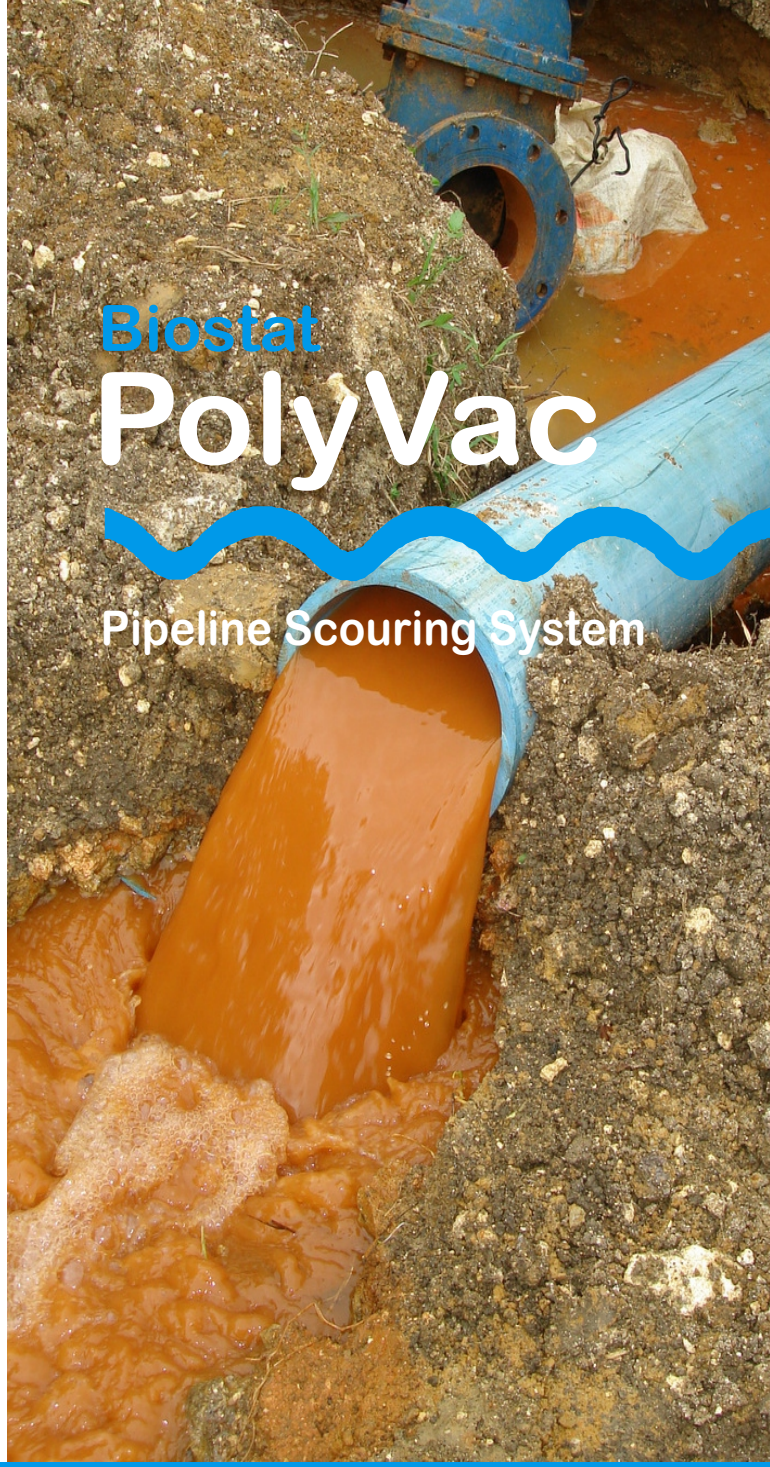

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PolyVac

Pipeline Scouring System

PolyVac Scourers available 5mm to 1800mm dia.

Advantages of using PolyVac:

Historically it has been shown that pump output can be increased and pumping costs reduced by removing bio-fouling caused by bacteria, algae, sewerage, iron and other clogging materials from internal wall of pipelines. PolyVac Scourers can reduce down to 25% of their original size; which is a big advantage in pipelines that have nom--inally smaller obstructions of pipeline reductions. This function allows the PolyVac Scourer to pass through tight sweeping bends, valves and elbows with ease. This method is not harmful to the internal lining of the pipeline. Preventative main--tenance is the key to better flow.

PolyVac Scourer Pipe End Retrieval

Pipelines are often pigged following construction. A foam PolyVac is normally sent ahead of the water during testing of the pipeline to flush out any construction debris, debris that could cause blockages in valves & sprinklers or product contamination later.

PolyVac Scourer Launch & Retrieval Point

PolyVac Scourer Functions include:

1. Gas and Oil lines
2. Water Mains
3. Sewerage Lines
4. Concrete Pumps
5. Marine Industry
6. Product Recovery
7. Irrigation Lines

PolyVac Pipeline Scourers play a significant role in reducing the environmental impact of batch operations. Traditionally the only way to clean a pipeline was to flush the line with cleaning products. The cleaning products are often subject to effluent treatment or solvency recovery. All of these problems can now be eliminated due modern pigging systems

POLYVAC

Safely removes mineral sludge - algae slime - mud - petroleum deposits from within pipelines.

PRODUCT & TIME SAVING: A major advantage of pig--gable systems is the potential for product savings. PolyVac's can be used to completely clear out product at the end of each product transfer. It is possible to clean out the entire contents with the PolyVac, either forwards towards the receival point, or backwards to the source. There is no requirement for extensive line flushing.

SELECTION : There are many different PolyVac's available: foam density, diameter, length, scourer or plain. Choosing the correct PolyVac is an involved process, its is important to set the objective and define the task the PolyVac must complete. The pipeline layout and features will dictate the geometry of the polyVac. The PolyVac must be long enough to span wyes and tees yet must be short enough to negotiate bends. Changes in diameter will also influence the design effort for the correct PolyVac . The pipeline design and operating conditions will affect the actual design of the PolyVac.

HOW OFTEN: Pigging frequency depends largely on the contents of the pipeline. Production pipelines suffer from many types of fouling. It is difficult to give general guid--ance as the pigging frequency must be set for each specific pipeline. However mineral deposition on the wall of irrigation pipes for instance , can accumulate quickly to where liquid flow is seriously affected. The general advise here is to carry out regular inspection and/or to utilise previous experiences to determine frequency of pigging

AVAILABLE: In sizes 5mm to 1.8M. diameter.
Scourer or plain