

INFORMATION SHEET Fluivac Line Clearing System

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Pigging systems have been in use in the processing industry for a number of years. They have more than proved their worth in terms of reducing the volume of product wasted, and effluent generated, as well as cutting down the time taken for product start-ups, changeovers and shut-downs.

However, pigging systems have brought with them their own problems, mainly in terms of pigs sticking in the line, breaking up, contaminating product or just getting lost!

The Fluivac Line Clearing system is a revolutionary type of "pigging" system that uses tightly controlled, filtered airflows to evacuate product from a pipeline. The system will typically recover over 95% of product from a transfer line and is capable of evacuating product through valves, heat exchangers, filters, damaged pipe work, varying diameter pipe work and other obstructions that would make the use of traditional pigging systems impossible.



The sequence of three photographs above shows the effectiveness of the Fluivac system in clearing concentrated fruit juice from a 3" line. Once the product has been cleared from the pipework, rinse water or CIP Fluids can be injected into the air flow to clean the line. Used in this way, the amount of CIP Fluids or rinse water required, and the time taken for CIP, can be significantly reduced

The major advantages of the Fluivac Line Clearing system include:

- Completely Hygienic
- Suits all sizes of transfer line - including differing diameters and when pipework is damaged
- A single unit can be used to recover product from any number of transfer lines
- Recovers product through valves, filters, heat exchangers etc
- Suitable for use on low and high viscosity products and those containing particulates
- Applications include Food, Beverage, Health and Body Care, Pharmaceutical and Chemical
- Can reduce the amount of Rinse Water and CIP Fluids required and the time taken for CIP
- Low Maintenance and Operating costs

Trials of the Fluivac Line Clearing system can be undertaken at the manufacturing unit in Holland using client's own products.

If you would like any further information about the Fluivac Line Clearing system or would like to arrange a site visit please contact us at the above address