

Product Recovery and Transfer Solutions for

# Household Liquids



**HPS Product Recovery Solutions**

Quality • Innovation • Simplicity • Integrity

[www.HPS-Pigging.com](http://www.HPS-Pigging.com)

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# Proven Systems. From Specialists.

## Customised Product Recovery and Transfer Solutions

HPS are world-leading specialists in pipeline cleaning, product recovery and transfer for household liquid manufacturers. From washing up liquid and household detergents to hand gels and soaps, we've successfully designed and implemented pigging solutions to some of the largest and well-known brands in the world.

With over 20 years' experience of developing innovative, high-quality solutions tailored to the precise needs of our customers, we have the knowledge, expertise and understanding to ensure you improve the efficiency of your processes.

*"I can certainly recommend  
the HPS Systems"*

-Derek Newstead, Robert McBride

## We Increase the Profits and Sustainability of Food and Beverage Manufacturers through:

- ✓ Higher Product Yields, Lower Labour Costs, Less Downtime
- ✓ Significantly Faster Changeovers and Improved Product Quality
- ✓ Reliable Prevention of Cross-Contamination, Product Aeration and Foaming
- ✓ Fully Detectable Pigs enabling PLC Control and Automation
- ✓ Special 'T' Valves Minimising Dead Space
- ✓ Easy Multi Routing through Automatrix and Rotomatrix Systems
- ✓ Reduced Risk of Human Error
- ✓ Flexible Pigs that can Travel Around 90 Degree Bends
- ✓ Fast Operation and Massively Reduced Washout Times
- ✓ High ROI, with Payback Typically Less than 12 months
- ✓ Reduced Waste and Waste Processing, Water and Cleaning Fluid Usage

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## Your Assurance of Effective Solutions

HPS's extensive experience in household liquid processing ensures highly efficient, reliable and cost-effective operation.

Our unique pig designs recover up to 99.5% of product, and maintain full contact even when travelling around 1.5 D bends. The pigs also contain a magnetized, flexible core (no solid magnets) that's fully detectable, enabling safe, semi or full automation and control.

The extremely high percentage of product recovered by HPS systems avoids contamination (including cross-contamination) and reduces wash out times, while the system design prevents aeration or foaming.

We understand you can't take risks with your processes. That's why our engineers will work with you to ensure your solution meets your requirements - *before* it leaves our factory.

*"The pigging system saves about 160 gallons of product per batch run.*

*That's a significant cost saving"*

- KIK Custom Products

## Clear, Tangible Improvements

Here are some results from previous installations:

- ✓ A well-known, international household product manufacturer significantly reduced **changeover times** while **improving product separation**.
- ✓ A homecare manufacturer implemented a pigging system which is **saving them approximately 160 gallons of product per batch run**. Based on the cost of a standard size bottle of the product when sold in the store, that works out about **\$2735**.
- ✓ Pigging is extremely quick, only taking a few seconds. A manufacturer of consumer-packaged foods has an HPS pigging system, which reduces the need to flush between batches so changeovers are much faster. With up to **22 batch changeovers per week**, this adds up to a **major time saving**.
- ✓ A bottling plant implemented an HPS Product Recovery, Transfer and Pigging System and now saves an average of **256,000 litres** of wine every year.
- ✓ A leading soft drinks company massively **increases product yield**, equating to **48,000 extra cans** per week.
- ✓ Another Australian winery has reduced effluent production by **1,500 litres** per bottling run, which equates to around **500,000 litres per year**.
- ✓ Risk of **human error massively reduced** due to programmable processes and washouts.

## A Few of Our Customers



Unilever



Johnson & Johnson



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## Find Out More

To improve the efficiency and effectiveness of your household liquids processing or production operation, please contact your nearest HPS Office:

### United Kingdom (Head Office):

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### All other countries:

**We have agents throughout the world.**

Please contact the HPS head office and we will put you in touch with your local HPS representative:

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*You can also find us on:*

