

Product Recovery and Transfer Solutions for

Chocolate & Confectionery



HPS Product Recovery Solutions

Quality • Innovation • Simplicity • Integrity

www.HPS-Pigging.com



Proven Systems. From Specialists.

Customised Product Recovery and Transfer Solutions

HPS is the world's leading specialist in pipeline cleaning, product recovery and transfer for chocolate and confectionery companies.

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. For example, we can jacket our valves, pig launchers, pig receivers and other components to your specific requirements.

We Increase the Profits and Sustainability of Chocolate and Confectionery Manufacturers through:

- ✓ Higher Product Yields, Lower Labour Costs, Less Downtime
- ✓ Significantly Faster Changeovers and Improved Product Quality
- ✓ High Product Recovery (Up to 99.5%) and Reliable Prevention of Cross-Contamination
- ✓ Pigs Compliant with Federal Code of Regulations and FDA Approval Specifications.
- ✓ Innovative Pig Detection System enables PLC Control and Automation
- ✓ Special 'T' Valves Minimising Dead Space
- ✓ Easy Multi Routing through Automatrix and Rotomatrix Systems
- ✓ Semi or Full System Automation Reduces Risk, Improves Safety and Increases Efficiency
- ✓ Flexible, Full Contact Pigs can Travel Around 1.5 D 90 Degree Bends
- ✓ Fast Operation and Massively Reduced Changeover Times
- ✓ Massively Reduced Waste and Waste Processing
- ✓ Great customer service! A recent survey gave HPS 100% for customer satisfaction
- ✓ Highly Cost-Effective Solutions: Payback Typically Less than 12 months
- ✓ High Return on Investment (ROI)

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Your Assurance of Effective Solutions

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

Our unique pig designs are fully hygienic (sanitary): they use a silicon material that is compliant with Federal Code of Regulations and FDA Approval Specifications. The pigs also contain a magnetized, flexible core (no solid magnets) that's fully detectable, enabling safe, semi or full automation and control. The lack of solid magnets also prevents the risk of shattered magnetic material contaminating the product.

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

The full contact design of HPS pigs ensures it recovers product even while travelling around bends. It has near-zero product bypass and is extremely robust, particularly in comparison to finned or assemblies type pigs.

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.

"It's a great system and if we were building a similar facility, we'd do it all again, We're as happy as Larry."

Clear, Tangible Improvements

Here are some results from previous installations:

- ✓ Instead of running product to drain before changeovers, a leading **chocolate manufacturer** in Bulgaria deployed an HPS Pigging System. Residual product is now **packaged and sold rather than wasted**.
- ✓ Similarly, the company has **minimalised contamination risk** and **changeovers now take only a few minutes**.
- ✓ A large chocolate manufacturer in California use a combination of semi-automated and fully automated pigging systems in a range of sizes. These systems **massively increase efficiency**, reduce the risk of human error, speed up processing and changeovers, and **minimize waste**.
- ✓ Each changeover, a butter oil manufacturer **recovers approximately 200 kgs of good product** that would otherwise be wasted or become effluent.

Some of Our Customers



Good Food, Good Life



Find Out More

To improve the efficiency and effectiveness of your food and beverage manufacturing operation, contact our friendly, highly experienced engineers:

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