



BROCHURE 2020

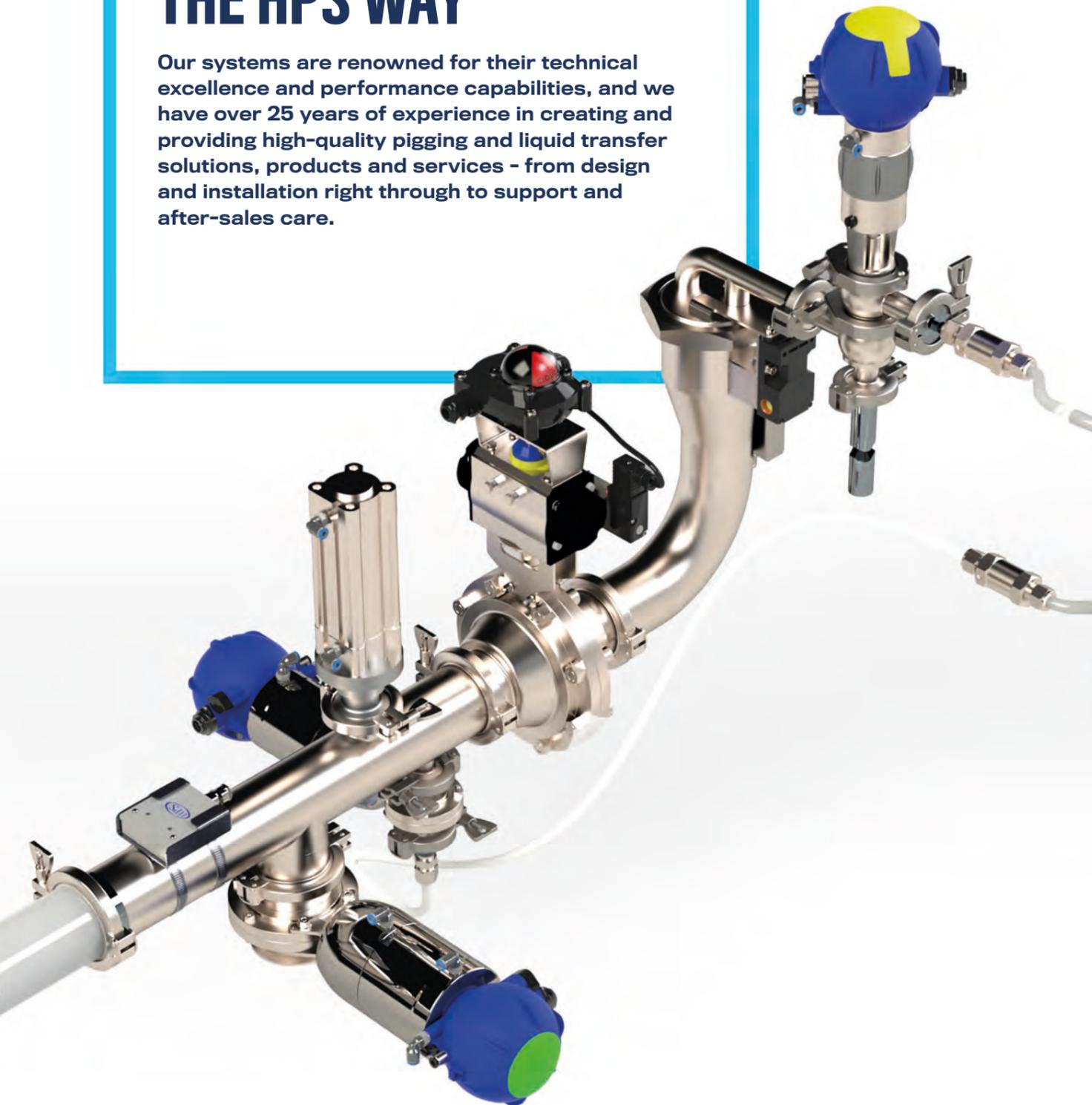
# PROCESS PERFECTED

With quality and innovation at the core of our business, we are the global liquid processing efficiency experts.



## THE HPS WAY

Our systems are renowned for their technical excellence and performance capabilities, and we have over 25 years of experience in creating and providing high-quality pigging and liquid transfer solutions, products and services - from design and installation right through to support and after-sales care.



### INTRODUCTION

## IT'S EASY WITH HPS

Quite simply, with our decades of experience and proven track record, we're the natural choice for all of your pigging needs, setting the standard for best industry practices.

So, what makes us different?

### UNMATCHED CUSTOMER CARE

Each member of our team is devoted to providing a dedicated service. We put our customers and their businesses at the heart of everything we do and will always do our best to respond to their needs.

### SEAMLESS COMMUNICATION

Our skilled team is chosen to deliver projects based on their relevant experience and knowledge, and will ensure each project runs smoothly from start to finish. We'll even check in to make sure projects meet customers' requirements and expectations.

### EXCEPTIONAL TECHNICAL CAPABILITY

Our design and engineering teams are among the most experienced and skilled in the sector, while our equipment is designed and manufactured to the highest standard, and is among the most advanced in terms of capabilities.

### A PAIN-FREE EXPERIENCE

Each member of our team is devoted to providing a dedicated and unparalleled service, we put our customers and their businesses at the heart of everything we do and will always do our best to respond to our customers' needs.

### A SAFE PAIR OF HANDS

We're also ISO 9001 and ISO 14001 certified, so you can be sure we know exactly what we're doing when it comes to safety and industry standards.

ABOUT US

# EVERY PROCESS CAN BE IMPROVED.

Most of our systems are bespoke, and we're all about helping companies to solve problems and improve their efficiency. From designing your system to training your staff, we'll be with you every step of the way and guarantee that you won't find the high levels of performance, knowledge, quality or service delivered by HPS anywhere else.



## HERE'S WHAT OUR PIGGING TECHNOLOGIES CAN DO

- Increase profitability
- Improve process efficiency and productivity
- Maximise product yield
- Reduce waste and contamination risks
- Lower cleaning costs
- Increase capacity and flexibility

## OUR CORE VALUES

### QUALITY

We know that happy customers and staff are the key, which is why we only supply the highest quality products and services and are constantly striving for improved job satisfaction.

### INNOVATION

We're all about finding ways to improve our customers' businesses, which is why we're imaginative and innovative in all that we do.

### SIMPLICITY

We take the time to make everything as simple as possible, from your initial enquiry to our continued help and support, while our installation teams work with our customers to ensure maximum efficiency at all times.

### INTEGRITY

We always deliver on our promises and pride ourselves on our ethics and integrity.



## OUR ENVIRONMENTAL IMPACT

**Did you know that pigging systems from HPS can help to recover 99.5% of residual product that would otherwise go to waste?**

As pigging saves product and other external resources, it has a positive environmental impact, helping companies to progress towards sustainability goals. We're committed to improving the environmental sustainability of our business, and our innovative solutions have a profound, positive impact on the environmental footprint of the businesses we supply to and work with.



## ABOUT US

# WHAT INDUSTRIES DO WE WORK IN?

We have worked on hundreds of successful pigging projects worldwide, and work within the following industries and processes:

### FOOD

Our hygienic pigging and sanitary processes have helped food manufacturers to lower product changeover and cleaning times, save water, reduce contamination and increase yields.

### BEVERAGE

The drinks industry often performs multiple pipeline pigging operations each day, and we have helped leading brands prevent contamination and speed up changeover times, saving tens of thousands of gallons of product each year.

### PAINTS AND COATINGS

We have helped many leading brands to quickly transfer raw product into mixing tanks, avoid cross-contamination after changeovers, speed up processing and recover significant amounts of usable product.

### BEAUTY AND PERSONAL CARE

From creams to lotions, shampoo to cosmetics, we have extensive experience in supplying pigging systems that deliver a great return on investment.

### PET FOOD

With the premiumisation of pet food, we have helped manufacturers who process a large variety of different products to maintain the efficiency and cleanliness of their production lines.

### HOMECARE & HOUSEHOLD

From detergents to washing up liquid, we've helped a wide variety of organisations increase product yields, improve cleaning and enhance process efficiency.

# OUR CLIENTS

We've been lucky enough to work with some fantastic clients over the last few decades, many of which are household names.



L'ORÉAL®

HARIBO



kikkoman®

## WHAT DO OUR CLIENTS HAVE TO SAY ABOUT US?



The solution was simple to use. The HMI was customisable to suit our needs and everyone we dealt with from sales to parts to installation and programming was fantastic to work with.

Jeff Green, Log House Foods



HPS provided a great product and a great service. We're extremely satisfied with our experience with HPS and recommend them to others.

Stan Pintar, KIK Custom Products



The HPS systems resulted in a clear increase in product yields, equating to 48,000 extra cans per week.

Robin Thompson



# SERVICES AND EQUIPMENT

Everything you need for product recovery, transfer and pipeline cleaning

As the world's leading specialists, we have designed and created equipment for product recovery and pipeline pigging systems across a wide range of industries. We provide simple, efficient systems and products that deliver results, ensuring our solutions fit seamlessly into existing operations, and never walk away from a challenge.

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## INNOVATIVE PIGGING SYSTEMS

HPS design and manufacture unique and innovative pipeline pigging products and systems, including:

- Hygienic (Sanitary) and Process Pigs
- HPS process pigs are specially designed for effective, reliable and efficient hygienic pipeline pigging.
- No solid magnets are used - increasing safety and reducing product contamination.
- The process is highly flexible - delivering exceptional cleaning and product recovery, even around 1.5D bends.
- Long-lasting and reliable, and can also be steam cleaned up to 250 degrees Centigrade.
- A typical, full pipeline recovery efficiency of 99.5%.

## PIG LAUNCHERS, RECEIVERS AND RETURN STATIONS

Pig stations, launchers and receivers are used to introduce the pigs into the line safely, propel the pig along the line and store the pigs offline when not in use.

- Dependable, efficient and effective - all HPS pigs are bi-directional, so can travel either way along the pipe.
- Minimal cross-contamination risks and the highest standards of hygiene.
- Interlocking robust safety features - to minimise safety risks.

## AUTOMATED PIGGING PROCESS CONTROL

We can supply standalone or integrated automatic systems and use our extensive experience and knowledge to develop and write flexible, robust software to meet requirements.

- Increase in productivity, operational efficiency and process speed
- Enhanced safety - automation reduces the possibility of human error.
- Maximum levels of cleanliness.
- Reduction in manual working hours.

## LIQUID TRANSFER AND DISTRIBUTION

### AUTOMATRIX AUTOMATIC LIQUID DISTRIBUTION

A fully automatic multiple routing liquid product distribution system, it allows full path selection and pigging flexibility from any product source to any destination.

- Speeds up changeover and selection times
- Lowers contamination and cross-contamination risks
- Improved safety and minimise the chances of connection errors

### ROTOMATRIX LIQUID PRODUCT TRANSFER

A product distribution system that quickly and reliably connects pipelines from multiple sources to multiple destinations. It uses a compact set of rotating arms which enable each part to be easily manoeuvred to the desired position.

- Increased space and improved safety - reducing the amount of dedicated pipelines and removing the need for hoses, results in a tidier, more space-efficient layout.
- Fully piggable - there are no valves, pockets or dead space and each arm has its own pig launcher.
- Lower production costs and increased profits - no valves means a low initial cost, low cost of ownership and a high return on investment.

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## SPECIALIST VALVES

### PIGGABLE DIVERTER VALVES

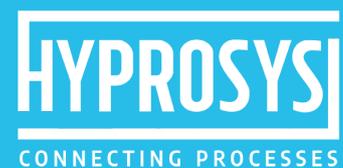
A piggable diverter valve specially designed to allow unobstructed product transfer.

- Can withstand the demanding environments of process applications - the valves offer low maintenance, ease of operation and reliability.
- Can be dismantled to offer a clear passage - resulting in no pressure loss.

### INFLATABLE SEAL BALL VALVE (ISBV)

The ISBV features an inflatable seal which can be inflated and deflated as required. Once inflated, it doesn't allow product to pass through but, when deflated, liquid can enter the cavity to clean previously unreachable areas.

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We also have official representatives based in:

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India  
Mexico  
Singapore

China  
Thailand  
Malaysia & Indonesia