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WASSER TECH CO.,LTD.

บริษัท วาซเซอร์ เทค จำกัด



Company Introduction

Wasser Tech Co.,Ltd. “WTC” was established in 1996 as Water Treatment Chemicals trader supplied Chemicals for protecting scale and corrosion in boiler and cooling system for all industries.

In year 2004 WTC became the Authorized distributor of “Alfa Laval” to service Food and Beverage business segment and develop to become stock keeper for Alfa Laval brand such as Pump, Valves, Fitting, Tank Equipments, and Plate Heat Exchanger to distribute for Factories and contractors.

In year 2013 “HPS” from UK appointed WTC to be an agent for Hygienic Pigging System in Thailand follow with “Terlet” from Netherlands supply Mixing system, Tri-Cool from UK supply Electric Heater, SEPA from Korea supply Sanitary Pumps for Food and Beverage, Donghae from Korea supply Gear Pumps for Industrial factories and CEF from Italy supply whole packaging lines for Food & Beverage customers.

In year 2018 new office and warehouse in opened in May 2018 with more than 2,000 square meters area to keep stock for all products handled from all parts of the world and aim to be the biggest supplier for Food & Beverage industries in 5 years.

Our Value Statement Highlights is
“Partners in Performance is Everything you need”



HPS are an integrated design and manufacturing company who specialise in the development, production, installation and commissioning of product recovery systems, we do this by installing one of our unique "pigs" into your existing or new pipeline.

HPS Bi-Directional Pig



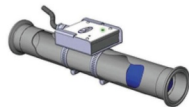
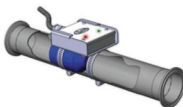
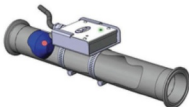
The term "Pigging" refers to the operation of forcing a flexible projectile, called a Pig, through a product transfer pipe. The HPS Pig is forced through the pipe by pressurizing the pipe work behind it with compressed air, Co₂, nitrogen, water or even the next product. The liquid residue in the pipe that would normally be flushed to drain, waste treatment or collection areas is instead pushed by the Pig and forced to the destination filler or tank.



- Single Pig System
- Tank Drop Off
- Double Pig System

Pig Detectors

A Pig Detector is the device that determines the presence of an HPS Pig when in close proximity or stationary. The detector will provide a momentary signal as the Pig passes, the momentary signal is used to determine events programmed into a PLC. The HPS Pig detector is mounted externally from the pipeline, enabling easy installation. HPS also have an intrinsically safe pig detector, this detector has been developed so then it can be installed in hazardous areas.



The diagram above demonstrates the Pig Detector operation on passage of an HPS Pig. On approach to the Pig Detector the first magnetic pole of the Pig will be detected. As the Pig travels under the detector there will be a short period of non detection due to the null point in the centre of the Pig. As the Pig passes the detector the second magnetic pole will be detected. Note: As the HPS Pig detector has a 1 second stretched output signal you will only observe one signal in actual operation.

Sanitary Ball Valves

The ISBV (Inflatable Seal Ball Valve) is a valve that has been designed and developed by HPS, it is sometimes referred to as a CIP-able ball valve. The valve incorporates unique inflatable seal technology and has many benefits over a regular ball valve.

- The 90 degree, Two position ISBV.



- The 120 degree ISBV.



3 Way 120° Ball Valve - Pig Launcher



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Pump is Heart

Dong Hae Pump was established in 1978 as a specialized manufacturing company of chemical process pumps for industrial use such as rotary gear pumps, vane pumps which transport low viscosity liquid, external gear pumps, high viscosity metering pumps, heat medium pumps, anti-acid centrifugal pumps, self-priming pumps and high-pressure Wasco pumps, standardizing them for special purpose.

Dong Hae Pump has been trying to contribute to the advancement of pump industry by researching and developing the proper material for the new liquid appeared in the 21st century such as for the petrochemical plants, cogeneration plants, shipbuilding, tank terminals and purification of waste lubricants, and enhancing the technical skill.



Rotary Gear Pump

The rotary gear pump of Dong Hae is a high efficiency and productive volumetric type internal gear pump designed by applying the simple principle of 'gear in a gear'.

When the axis of the pump rotates, constant volume of liquid is sucked through the opening of internal and external gears and flows into the pump through the suction hole.

After the flowing liquid flows to the direction of the crescentic shape of separation wall of casing cover, filling the space between the gears of external gear and internal gear, the internal and external gear engage together with the rotation of gears, and then, the liquid is discharged through the discharge port.

Characteristic

Able to transport all type of liquids from fluid low viscosity volatile liquid to the high viscosity liquid.

Since it is a volumetric pumps, It has high quantitative character.

And it is a full self-priming type for high viscosity liquid transportation and has little pulsatory motion.

Due to its simple structure, it is easy to disassemble and assemble.

It is proper for the application where the pump should be washed after use.

Capacity range	Max. 480 m ³ /Hr
Differential Pressure	Max. 17 kg/cm
Temperature	Max 350 °C
Viscosity	Max 500,000 cps
Speed	Max. 1,150 rpm

SW series

SW Series of the rotary gear pump is manufactured with standard specification. It is basic type which has excellent self priming ability and makes the constant volume of liquid transported smoothly without pulsatory motion.

It can transport all type of liquid smoothly from high pressure, low viscosity liquid to high viscosity liquid, guaranteeing the maximum efficiency and long life when operated under the normal condition.

Operating Temperature Range is -50°C ~ +350°C,
and viscosity range is 0.1 cps ~ 500,000 cps.

SWA Series (Stainless steel) SWB Series (Cast iron)

It can be used for the transportation of lubricative oil of the moderate viscosity and pressure

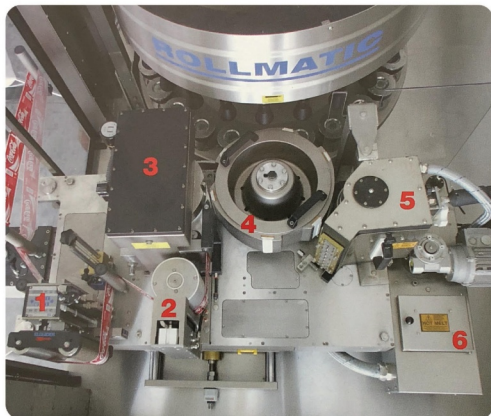
SWC Series (Stainless jacketed) SWD Series (Cast iron jacketed)

It is a jacket type pump and is usable for the transportation of the liquid the temperature of which should be kept. There are casting, cover, bracket and jacket.

It is an abrasion resistant rotary gear pump with a patent.

When it is made with special abrasion resistant material as a patented product, the life will be extended to more than 3 times of the common pumps.



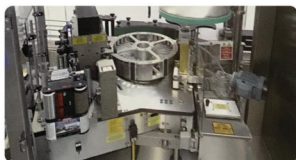


Labelling Station

1. Automatic film self-aligning system
2. Label drive and label length control system
3. Label cutting roller
4. Label transfer roller
5. Glue roller
6. Glue heat & supply assembly

ROLL-LINE

The Roll Line model is suitable only for cylindrical containers. There are several models for production speeds from 6,000 through to 24,000 bph. It is also suitable for labelling empty bottles.



ROLL-LINE



Juice



Magic FW



Master RS
Glass/PET



Magic HF



Master Pet RS-SC

APPLICATIONS

Beverage & Brewery

Liquor, Wine, Sparking Wine, Mash, Wort, Yeast, Beer, Syrup, Concentrate

Chemical

Acid, Alkali, Waste, Water, Detergent

Dairy

Fresh milk, Whey., Cream, Skimmed milk

Food

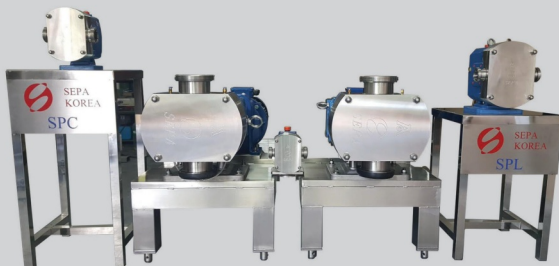
Animal & Vegetable Oil, Egg products, Fat, Vinegar, Sauce

Meat Processing

Brine, Meat, Stock, Blood

Sugar / Confectionery

Liquid Sugar, Molasses, Starch solution, Glucoses



APPLICATIONS

Bakery

Batters, Dough, Frostings, Fruit Filling, Fats & Oil, Sweeteners, Yeast slurry

Beverage

Alcohol & wines, Beer, Fruit Concentrates, Fruit Drinks, Soft Drinks, Wort, Yest

Canning

Baby Foods, Soups, Stews, Slurries, Cream style Vegetables, Vegetable Diced, Fruit Puree, Potato Salad, Pudding, Jam, Jellies, Mayonnaise, Salad Dressings

Cosmetic

Dyes, Alcohols, Face creams, Lotions, Essential oils, Hair styling gels & Liquids

Phamaceutical

Extracts, Emiltions, Pill Paste, Slurries, Syrups

Dairy

Cheese Curd & Whey, Cootage cheeseream, Milk, Yogurt

Meat Packaging

Ground Meats, Meat-Emulsions, Pet Foods, Ruffle & Caul Fat

PROGRESSIVE CAVITY PUMPS, MACERATORS AND CONTROL SYSTEMS

SEEPEX is a leading worldwide specialist in pump technology. We offer intelligent conveying solutions for almost every medium, application and sector. SEEPEX develops solutions that optimize your systems, reduce operating costs and increase productivity.

We find the best pumping solutions for our customers.



SMART CONVEYING TECHNOLOGY



STANDARD PUMPS



OPEN HOPPER PUMPS



SEMI-SUBMERSIBLE PUMPS



FOOD PUMPS



METERING PUMPS



WOBBLE PUMPS



MACERATORS



CONTROL SYSTEMS

OK

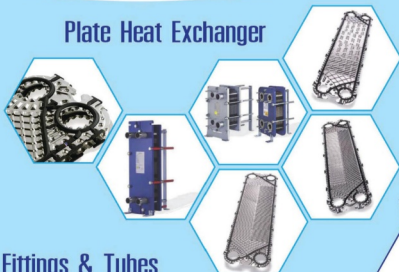


Alfa Laval provides the widest range of hygienic products and accessories in the world. Designed for superior safety, efficiency and cleanliness, they ensure careful product handling in the food, dairy, beverage, biotech, pharmaceutical and personal care industries. Our heat exchangers, valves,

automation, pumps, tank equipment and installation material offer solutions for all process stages and almost certainly the solution you need. This brochure introduces our quality heat exchangers for hygienic applications. For complete technical details and product specification.

Please contact **WASSER TECH CO.,LTD.** or visit us at <http://www.wassertech.net>

Plate Heat Exchanger



Fittings & Tubes



Valves



Pumps



Gaskets



Tank Equipments





WASSER TECH CO., LTD.



PARTNERS IN PERFORMANCE IS EVERYTHING YOU NEED

จำหน่ายอุปกรณ์สแตนเลส **AISI304-316L**

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