

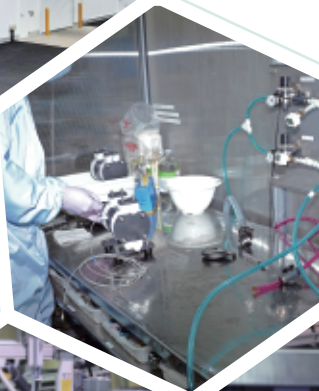


Air Operated
Double Diaphragm Pumps



Company Profile

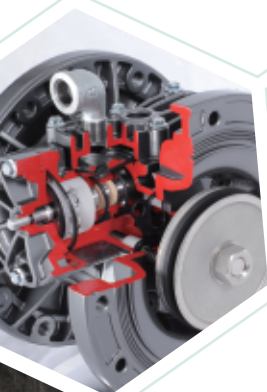
YTS JAPAN Co., Ltd. an ISO-9001 certified company was established in 1966 and has experience in the AODD pump business for over 55 years. The products are completely manufactured in Japan and distributed throughout the world. The quality of our products being our foremost priority, all of our products are carefully and rigorously tested before shipment. Our main focus is not only on the quality of the manufacturing process, but have prioritized training highly skilled staff to assist customers in choosing the best and most cost-efficient products.



Benefits of AODD Pumps

Air Operated Double Diaphragm (AODD) Pumps are a type of positive displacement pump operated by compressed air. AODD Pumps are used in a variety of industries for assorted reasons.

- **Transfer slurries:** Pumps are capable of handling slurries containing large and abrasive particles and can deal with high viscosity.
- **Safe Transfer:** With no electrical connections, AODD Pumps can be used in explosive environments and transfer flammable materials.
- **Dry-running:** The pump will not cause heat generation which leads to overheating. It can run safely when no liquid is transferred.
- **Deadhead:** The liquid discharge may be closed fully at any time and repeatedly without causing damages or wear to the pump.
- **Self-priming:** They generate a relatively high vacuum pressure, thus allowing the pump to self-prime with no prime water.
- **Submersible:** Pumps can be operated by fully submerging it in liquid, provided that the pump materials are compatible.



YTS Pump Design Features

Made in Japan

Provides the quality you look for.

Outside Accessible Air Valve

Simple and fast service.

Reset Button

Enables to restart the pump immediately if stalled.



The unique Looped C® spool valve offers reliable switching operation with no lubrication.



Robust Designed Casings

Designed for use in any applications.

High Flow Rates

Designed to facilitate high discharge volume.

Replaceable valve guide

Maintenance without replacing entire casings.

In-house manufactured PTFE diaphragm

Unique Pilot Valve

Springs to reduce impact force and increase life expectancy.

Efficient Air Consumption

Compatibility

Ports & foot dimensions match many other brands.

Machined Mating Surface

Reducing leakage possibility.



Designed to operate efficiently and reduce air leakage or loss.



Markets & Applications



Chemical

All chemical transfer applications including flammable & Toxic, Chemical dosing, Waste transfer.



Mining

Underground mining, Aboveground mining, De-watering, Solids & Some chemical transfer.



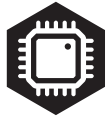
Automotive

Fuels (diesel fuel, gasoline, kerosene), Oils (gear, engine, waste), Windshield wiper fluid, Brake fluid, Radiator fluid & Anti-freeze applications.



Paint & Coating

Paints, Lacquers & Automobile industry (spraying), Furniture production (coatings). High-resolution coatings (marine and shipbuilding).



Semiconductor

All Semiconductor & microelectronics solar panels industries. High purity clean room applications for wafer cutting, Cleaning, Polishing & Etching.



Paper & Pulp

Manufacturing paper, Cardboard boxes, Book binding & Labels.



Food & Beverage

Loading, Unloading, Cleaning, Washing, Sanitizing, Transferring liquid hops, Bottling & Keg Filling at Distilleries / Breweries / Wineries



Pharmaceuticals

Alcohol plants, Filter press, Batching, Bulk transfer, Personal hygiene, Chemical feed & Powder transfer.



Marine

Bilge, ballast & seawater transfer, Ship cleaning, Painting & Coatings.



Ceramic

Ceramic slip, Highly abrasive & dense applications.



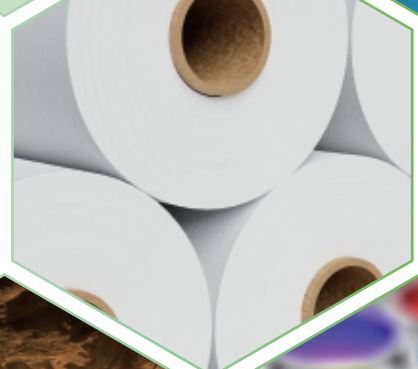
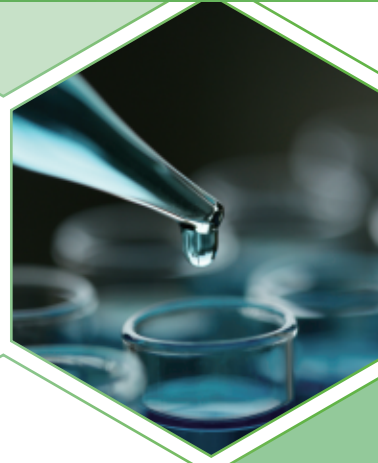
Oil & Gas

On & offshore oil, gas applications, Fuel, Automotive & Machinery lubrication transfer.



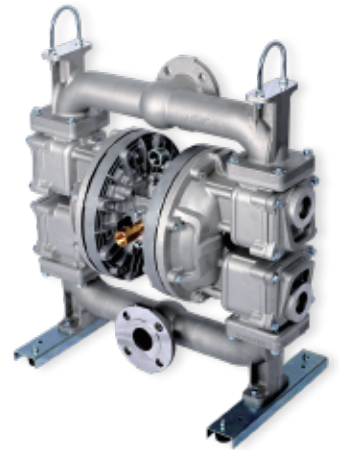
Water Treatment

Chemical dosing, Waste transfer, Filter press, Sumps, Circulation to avoid sedimentation, Drain & Refill tanks.



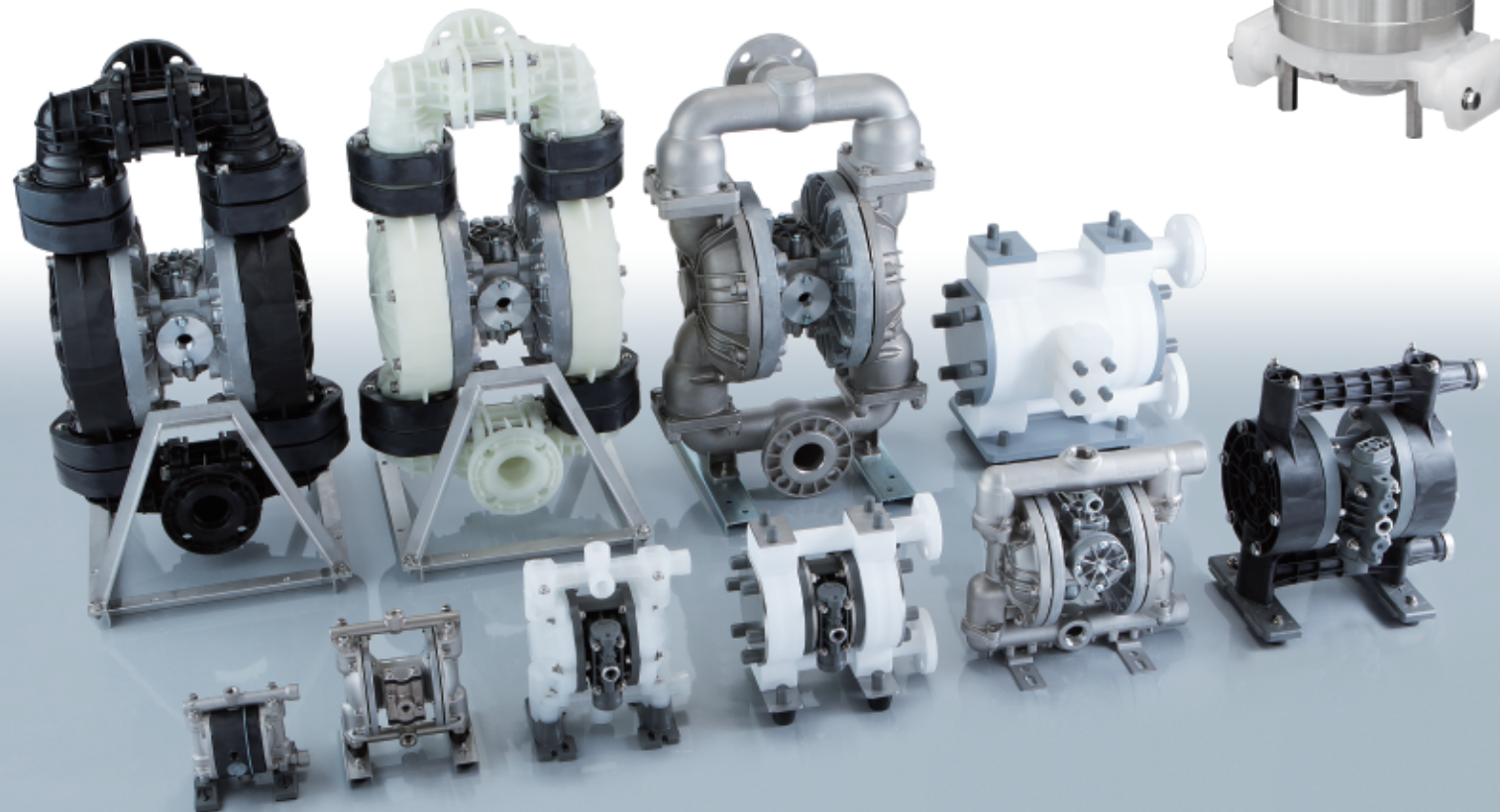
Product Line-up

YTS offers a wide range of product options of metallic, plastic and fluorocarbon polymer casings from the smallest 1/4" to the largest 3" pumps that allow a discharge of a small flow rate of 0.3 liter/ minute to a maximum of 1,050 liter/ minute. We have around 400 products in our standard line-up and over thousands customized products to meet customer needs.



There are pumps specialized for chemicals, semiconductor, food and beverages, cosmetics, mining, etc., which do not only transfer liquid but are capable of transferring powders.

Dampeners are often installed with the pump to reduce the pulsation of the discharged liquid from the pumps. In addition to the pumps, dampeners are also manufactured in-house and the parts of these products are kept in stock for quick delivery. Accessory line-up is also substantial, and we provide the major accessories needed for the better performance of our pumps, which include and are not limited to stroke counters, leak detection sensors, liquid level controllers, and drum bung adapters, etc.





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