



Powder Transfer Pumps.

yts-pump.com

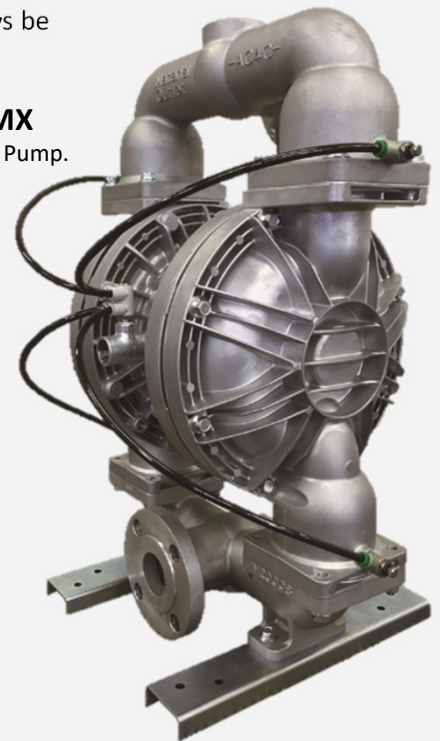
Portable Powder Transfer Pumps.

Specially Designed AODD Powder Transfer Pumps to effectively syphon and transfer very fine, dry and low bulk powders safely, cleanly, and economically throughout a process. Powder Transfer Pumps can help to create a safe, efficient and dust free work environment. They can eliminate the need for intensive manual labour & heavy lifting. They can also be a cost effective replacement for all types of Powder Augers, Mechanical Conveyors, Screw Feeders and Pneumatic Conveying Systems.

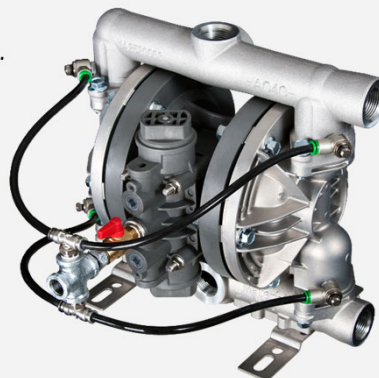
To operate correctly, the Powder must be completely dry, fine-grained, free flowing and with low bulk density. The powder will be fluidized inside of the pump, therefore powders that cannot be fluidized, cannot be transferred. The conveying distance will depend entirely on the type of powder, its weight, size, shape and bulk density. Typically powders such as Pigments, Activated Carbon, Powder Coatings, Carbon Black, Fumed Silica, Talc, Toners & Powdered Plastics can all be transferred successfully. However a trial should always be carried out to determine the pump-ability of a certain type of powder.

- 100% Pneumatic (Non Electric) Operation.
- Fully Portable.
- Fitted with a Compressed Air Induction System.
- Compact & Robust Construction.
- Wide and Sturdy Base.
- Outside Accessible Air Spool.
- 100% Non-Lubricated Pump.
- Affordable & Easily Maintained.

D500A□J/A-MX
2" Flanged Powder Pump.



D250A□-X
1" Powder Pump.



AODD Pumps Designed & Manufactured in Japan.

Compressed Air Induction System.

All Powder Pumps are fitted with an externally mounted Air Induction System. This system is designed to Fluidize (Aerate) the powder. Once in a Fluidized State, the powder will act like a liquid and can be easily transferred from the pump by a hose to a hopper or to process equipment. Air fluidization is controlled by individual Air Valves situated on each of the incoming compressed air lines.

Powder Pumps are available in ¾" 1" 1½" 2" & 3" Aluminium or Stainless Steel.
Shipped with factory fitted Compressed Air Induction System. The standard model utilizes 4 inlets however custom models are available.
Please consult YTS for more information about pumping powders.



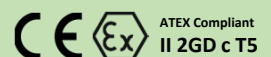
- **Air Powered Double Diaphragm Pumps Manufactured in Japan with Superior Quality & Finish.**
- **Designed for High Performance Operation & Long Life Expectancy.**
- **Engineered with Design Features Not Often Found in Other Brand Pumps.**

AODD Pump Capabilities.

Self Priming.	Variable Discharge Pressures.	Inherently Safe Design.
Run Dry.	Transfer Liquid Slurries.	Portable & Easy to Use.
Run up to Dead Head.	Transfer Large Sized Solids.	Transfer Viscous Fluids.
Variable Flow Rates.	Handle Abrasives.	Frequent Start Stop Operation.
Shear Sensitivity.	Transfer Chemicals.	Powered by Compressed Air.

For more information about YTS Pumps please contact: sales@yts-pump.com

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