



Powder Transfer Pumps.

yts-pump.com

Powder Transfer Type Diaphragm Pumps.

Specially Designed Powder Pumps to syphon and transfer very fine, dry, bulk powders effectively throughout a process and help create a safe, efficient and dust free environment. Powder Transfer Pumps can eliminate the need for intensive manual labour, heavy lifting or mechanical Augers & Conveyors.

To operate correctly, the Powder must be completely dry and typically free flowing. 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 it is always recommended that a trial is firstly carried out to determine the pump-ability of a certain type of powder.

- Pneumatic (Non Electric) Operation.
- Fully Portable.
- Compressed Air Induction System.
- Compact & Robust Construction.
- Wide and Sturdy Base.
- Outside Accessible Air Spool.
- 100% Non-Lubricated Pump.
- Designed & Manufactured in Japan.

Compressed Air Induction System.

Power Pumps are fitted with an Air Induction System to Fluidize the powder and help stop clumping and sticking. Pre Fluidization before operating the pump will also help reduce the chance of pump damage caused by settled and compacted powders.



D500AC-FL-PDR

2" Flanged Powder Pump.
Aluminium Construction.
Neoprene Elastomers.

Powder Pumps are available in the following Sizes & Materials

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.

Many more options and accessories are also 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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091