



# Mechanical Air Spool.

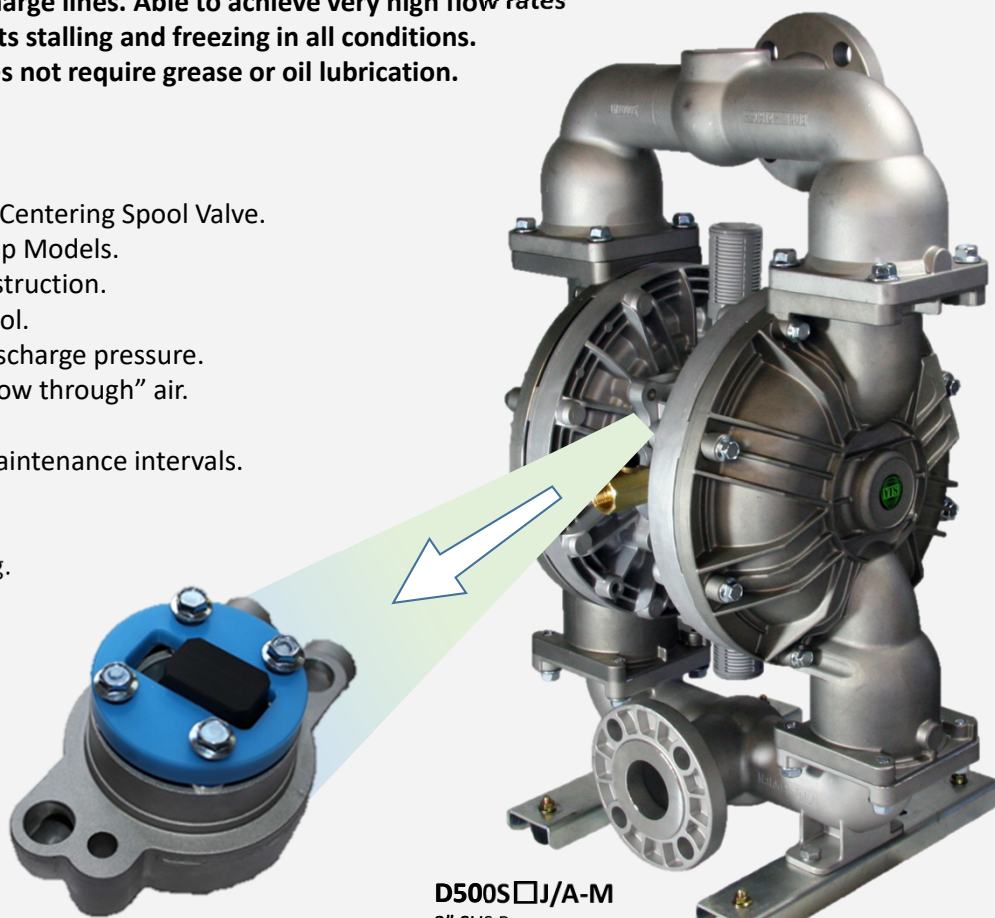
yts-pump.com

## 3<sup>rd</sup> Generation Mechanical Air Spool.

The Mechanically Assisted Coil-Spring Air Spool is designed for high performance operation with improved reliability. Utilizing new high tech specialty materials for extended life expectancy and longer maintenance intervals. Particularly suited to frequent start stop, dead head & high backpressure type applications and can easily handle high heads & very long discharge lines. Able to achieve very high flow rates efficiently and with reliability. Resists stalling and freezing in all conditions. 100% Outside accessible Spool. Does not require grease or oil lubrication. Designed & Manufactured in Japan.

### Design Features

- Mechanical Spring Assisted Non Centering Spool Valve.
- Available on all 1½" 2" & 3" Pump Models.
- New High Tech Materials of Construction.
- 100% Outside Accessible Air Spool.
- 0.2 to 8.5 bar air inlet / Liquid discharge pressure.
- Self adjusting Spools with no "Blow through" air.
- "Air Charged" Air Section.
- Few service parts & extended maintenance intervals.
- Completely Non Lubricated.
- High Performance Operation.
- Lowered Air Consumption Rating.
- Large diameter air porting.
- Resists Stalling & Freezing.
- Common "Drop-in" sizes.
- Easy conversion to a 2:1 pump.



**D500S□J/A-M**  
2" SUS Pump  
730 L/min Max Flow Rate

# YTS®

- ❑ 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](mailto:sales@yts-pump.com)

©YTS Co Ltd Japan. All Rights Reserved 2020

