



Pneumatic Sample Conveying System

DS-2 & DS-3 Systems

- Pneumatically convey samples up to 800 feet.
- 2" and 3" conveying line systems available.
- Modular frame allows the pump and airlock / cyclone sections to be split.
- Sutorbilt® Legend® series rotary blowers.
- Separate drives supplied for pump and airlock.
- Variable frequency pump drives available.
- System can also be used to return excess sample.

Our DS-2 and DS-3 systems are designed to handle grain samples in the gentlest manner while providing sampling results in a timely manner. Properly installed, these systems are suitable for use with sample conveying lines of up to 800 feet.

Today's sampling solutions require flexibility. Our pneumatic sample conveying systems provide for multiple options when considering where to place your sample inspection office. Because these units are used to convey product both horizontally and vertically, you can provide a safe environment for sample grading personnel.



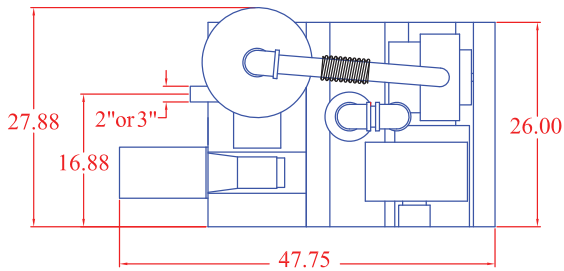
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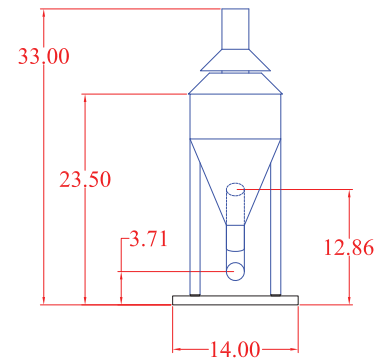
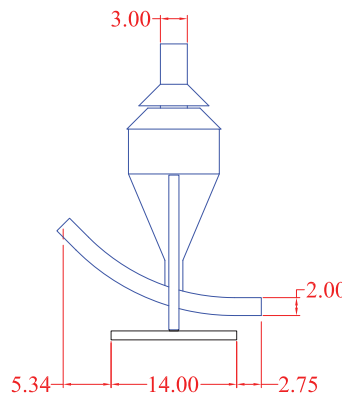
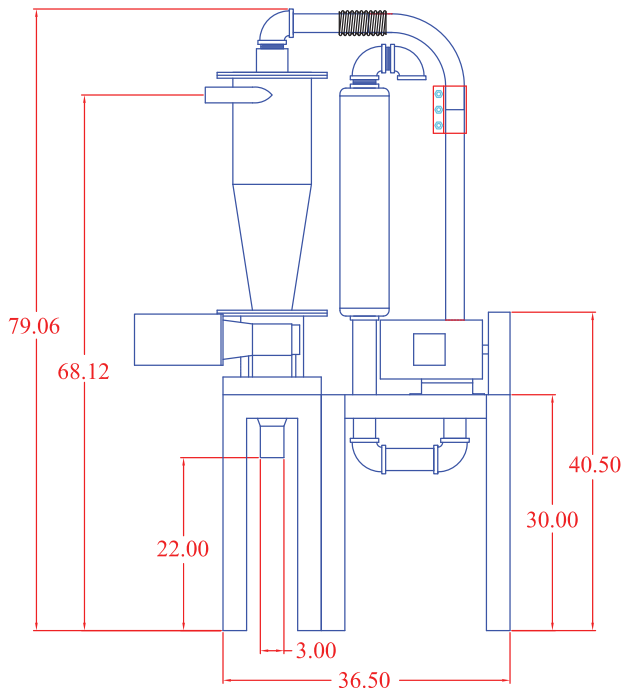
Pneumatic Sample Conveying System



Provided for use with both 2" and 3" conveying lines, these systems allow for sample conveying of both a divided sample and a complete sample, and for flow rates of up to 80,000 bushels per hour.

The 2" conveying line is ideal for conveying finished samples that are ready for analysis. The 3" system can convey all of the collected sample, elevating it to a point that it can be divided with the excess sample dropping back into the product stream. This allows the finished sample to then drop by gravity to the collection point.

Additionally, both sizes can be used as grain return systems to help keep the inspection area neat and functional.



DS2 Specifications

- Conveying Line Size: 2" Diameter
- Pump Drive Motor: 3 HP
- Airlock Drive Motor: 1/2 HP
- Power Requirements: 3/60/230 - 460 - 575
- TEFC and Class II, Group G
- System Discharge: 3" Diameter
- Primary Use: Conveying samples that have been divided to the testing lab.

DS3 Specifications

- Conveying Line Size: 3" Diameter
- Pump Drive Motor: 5 HP
- Airlock Drive Motor: 1/2 HP
- Power Requirements: 3/60/230 - 460 - 575
- TEFC and Class II, Group G
- System Discharge: 3" Diameter
- Primary Use: Conveying samples prior to dividing from the primary sampler to a divider.



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