
Functional Mass Flow Storage Systems

Tank Connection Affiliate Group (TCAG) offers all type of “functional mass flow” storage systems available for the storage of dry bulk materials. Based on a sample of your material tested on a Jenike Shear Tester, TCAG can design a “functional mass flow” storage system that will provide consistent, reliable performance in the field. And they back it with a performance guarantee.

A Common Mistake:
A common mistake released in today’s dry bulk “storage tank specifications” is to specify a mass flow tank design. If true mass flow is a requirement from the storage tank into your discharge stream, the correct parameter to specify is a “functional mass flow” storage system.

Understanding Mass Flow for Dry Bulk Materials:
- **Mass Flow for Dry Bulk** - Every particle is in some degree of motion during discharge. Stored product discharge is “first in/first out (FIFO). Mass flow minimizes segregation of product during discharge.
- **Mass Flow Storage System Design** – A storage tank design that will withstand mass flow discharge conditions if they occur. A mass flow design does not guarantee “functional” mass flow discharge from the tank.
- **Functional Mass Flow Storage System Design** – A storage tank design that guarantees the stored product will functionally mass flow during discharge.

For more information about Tank Connection, visit their website at [www.tankconnection.com](http://www.tankconnection.com).